

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

NEIC 01 00:10:15.60:96N,146.77W,h29km, Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; Mr=2.38; Mw=0.66; Mw3.04; Mw1.74; Mw2.59; Mw3.75; Fault plane solution: M5.610000:14.1 NP1=199.66000°, 338.02000°, λ=154.19000°. NP2=188.80000°, 374.44000°, λ=54.86000°. Principal axes: T 5.3857, P1g22.0000°, Azm253.0000°; N 0.4157, P1g34.0000°, Azm358.0000°; P -5.8014, P1g48.0000°, Azm137.0000°; AEIC 01 00:10:16:2.0, 60.96N:0.04, 146.76W:0.06, h15km, 5km, mb3.9/13(NEIC), Mw3.8/100(NEIC) Error ellipse: s-maj=5.4km s-min=4.0km az=162° ANF 01 00:10:16:4.0, 60.96N:146.09W, h28km, 6km, ML4.1/16, ML4.2/16, Error ellipse: s-maj=3.4km s-min=2.3km az=106.0

NEIC 01 00:10:16.7:2.3, 60.97N:0.03, 146.76W:0.06, h24km, 6km, Error ellipse: s-maj=4.6km s-min=3.9km az=92.0

IDC 01 00:10:21.4:4.3, 61.19N:146.43W, h49km, 33km, mb3.4/9, mb1.3/13, mb1mx3.5/53, mbtmp3.7/13, ML3.7/3, MS3.3/4, Ms1.3/3, ms1mx2.8/32, Error ellipse: s-maj=59.1km s-min=16.3km az=56.0

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|-----------------|------|-----|----------|------------|------|
| GLI | Glacier Island | 0.20 | 239 | Op | 00 10 21.2 | -0.3 |
| GLI | Port Fidalgo | 0.27 | 151 | Pg | 00 10 22.5 | +0.2 |
| FID | Hinchenbrook I | 0.60 | 169 | Sg | 00 10 27.2 | +0.7 |
| HIN | Klutina | 0.65 | 37 | Pg | 00 10 37.7 | -1.0 |
| KLU | Cordova Ski Ar | 0.65 | 131 | Pb | 00 10 28.8 | 0.0 |
| EYAK | Sheep Creek Mo | 0.32 | 342 | Pb | 00 10 32.7 | +0.3 |
| SCM | Knik Glacier | 0.94 | 298 | Pb | 00 10 33.4 | -0.3 |
| KNK | Sawmill | 1.13 | 131 | Pn | 00 10 36.5 | -0.3 |
| M24K | Tolsona, Glenn | 1.16 | 13 | Pn | 00 10 37.1 | -0.1 |
| M24K | Tolsona, Glenn | 1.16 | 13 | Pn | 00 10 53.8 | +1.7 |
| M24K | Ragged Mountai | 1.18 | 120 | Pn | 00 10 37.3 | -0.0 |
| N25K | Chitina, Valde | 1.21 | 58 | Pn | 00 10 37.3 | -0.7 |
| N25K | Chitina, Valde | 1.21 | 58 | Pn | 00 10 53.2 | -0.5 |
| N25K | Chitina, Valde | 1.21 | 58 | Pn | 00 10 37.5 | -0.4 |
| PMR | Palmer | 1.31 | 299 | Pn | 00 10 38.6 | -0.5 |
| GHO | Glory Hole Cre | 1.32 | 308 | Pn | 00 10 39.7 | +0.4 |
| HMT | Hamilton | 1.36 | 117 | Pn | 00 10 40.1 | -0.1 |
| RC01 | Rabbit Creek A | 1.46 | 275 | Pn | 00 10 41.0 | -0.3 |
| RC01 | Gliliana Butte | 1.49 | 71 | Pn | 00 11 00.0 | +0.2 |
| GLB | Cooper Landing | 1.55 | 252 | Pn | 00 10 42.2 | -0.3 |
| O22K | Cooper Landing | 1.55 | 252 | Pn | 00 11 02.1 | +0.2 |
| O22K | Kayak Island | 1.56 | 132 | Pn | 00 10 42.3 | -0.2 |
| KAIM | Middleton Isla | 1.56 | 132 | Pn | 00 10 41.9 | -0.8 |
| O23K | Middleton Isla | 1.57 | 173 | Pn | 00 10 42.0 | -0.8 |
| O23K | Middleton Isla | 1.57 | 173 | Pn | 00 11 04.5 | +0.7 |
| Q23K | Middleton Isla | 1.57 | 172 | Pn | 00 10 42.3 | -0.5 |
| MID | Seward | 1.60 | 328 | Pn | 00 10 42.4 | -0.4 |
| SEW | Suckling Hills | 1.73 | 121 | Pn | 00 10 42.4 | -0.8 |
| SUCK | Crom Cirque | 1.78 | 96 | Pn | 00 10 46.2 | +0.4 |
| MCARA | McCarthy VSAT | 1.84 | 76 | Pn | 00 10 47.2 | +0.6 |
| TGL | Tana Glacier | 1.93 | 95 | Pn | 00 10 47.9 | +0.1 |
| SUA | Susitna One | 2.00 | 286 | Pn | 00 10 49.2 | +0.4 |
| PAX | Paxson Highway | 2.02 | 16 | Pn | 00 10 51.2 | +1.2 |
| DHY | Denali Highway | 2.12 | 32 | Pn | 00 10 51.8 | +1.3 |
| BALM | Baldy | 2.14 | 87 | Pn | 00 10 51.2 | +0.4 |
| CAPN | Captain Cook N | 2.17 | 266 | Pn | 00 10 52.0 | -0.8 |
| ISLE | Juniper Island | 2.19 | 98 | Pn | 00 10 51.3 | -0.2 |
| CUT | Chulitna | 2.21 | 312 | Pn | 00 10 52.3 | +0.8 |
| BRLK | Bradley Lake | 2.40 | 241 | Pn | 00 10 53.7 | -0.4 |
| MEN | Menasta | 2.43 | 35 | Pn | 00 10 56.3 | +1.7 |
| BARN | Barnard Glacie | 2.48 | 86 | Pn | 00 10 56.2 | +0.8 |
| MESA | Mesa | 2.50 | 107 | Pn | 00 10 56.1 | +0.8 |
| YAH | Yahtse | 2.54 | 102 | Pn | 00 10 56.3 | 0.0 |
| RND | Rindeer | 2.62 | 339 | Pn | 00 10 58.9 | +1.5 |
| CTGM | Chitina Glacie | 2.64 | 88 | Pn | 00 10 58.3 | +0.7 |
| CNPM | China Poot | 2.68 | 239 | Pn | 00 10 57.4 | -0.7 |
| HOM | Homer | 2.78 | 244 | Pn | 00 10 59.0 | -0.4 |
| HOM | Homer | 2.78 | 244 | Pn | 00 11 32.2 | 0.0 |
| TABL | Table Mountain | 2.81 | 99 | Pn | 00 10 59.7 | -0.3 |
| RIDG | Independent Ri | 2.90 | 297 | Pn | 00 11 03.5 | +2.4 |
| MCK | McKinley | 2.94 | 341 | Pn | 00 11 02.8 | +1.1 |
| DOT | Dot Lake | 2.95 | 24 | Pn | 00 11 04.5 | +2.7 |
| TRF | Thorofore Moun | 2.98 | 328 | Pn | 00 11 03.9 | +1.5 |
| BESAR | Beaver Creek A | 3.13 | 46 | Pn | 00 11 05.3 | +1.0 |
| PPLA | Purkeypile | 3.21 | 309 | Pn | 00 11 06.4 | +0.9 |
| KTH | Kantishna Hill | 3.23 | 325 | Pn | 00 11 07.3 | +1.5 |
| SCRK | Sand Creek | 3.27 | 22 | Pn | 00 11 06.4 | +0.2 |
| PCA | Pinnacle | 3.33 | 103 | Pn | 00 11 06.8 | -0.2 |
| BWN | Brown | 3.44 | 340 | Pn | 00 11 09.0 | +0.5 |
| HDA | Harding Lake | 3.44 | 358 | Pn | 00 11 09.5 | +1.0 |
| WRH | Wood River Hill | 3.56 | 351 | Pn | 00 11 08.3 | -1.7 |
| BCPM | Bancas Point | 3.67 | 103 | Pn | 00 11 10.8 | -0.8 |
| SPAW | Bear Paw Mtn. | 3.69 | 330 | Pn | 00 11 12.8 | +0.8 |
| COB | Clear Creek Bu | 3.71 | 353 | Pn | 00 11 10.9 | +1.3 |
| K27K | Chicken | 3.74 | 33 | Pn | 00 11 13.0 | +0.3 |
| K27K | Chicken | 3.74 | 33 | Pn | 00 11 14.4 | +1.8 |
| NEA2 | Nenana | 3.78 | 345 | Pn | 00 11 12.9 | -0.2 |
| IL18 | Eielson Array | 3.79 | 360 | Pn | 00 11 14.1 | +0.8 |
| IL31 | Eielson Array | 3.80 | 359 | Pn | 00 11 14.3 | +0.9 |
| ILAR | Eielson Array | 3.80 | 359 | Pn | 00 11 13.7 | +0.3 |
| ILAR | Eielson Array | 3.80 | 359 | Pn | 00 11 51.2 | -6.4 |
| ILAR | Eielson Array | 3.80 | 359 | Pn | 00 11 14.4 | +1.0 |
| COLA | College | 3.94 | 353 | Pn | 00 11 16.5 | +1.2 |
| TCOL | CIGO, UAF Yank | 3.94 | 353 | Pn | 00 11 14.3 | -1.0 |
| TCOL | CIGO, UAF Yank | 3.94 | 353 | Pn | 00 11 17.0 | +1.7 |
| MDM | Murphy Dome | 4.05 | 351 | Pn | 00 11 18.6 | +1.7 |
| POKR | Poker Plat Res | 4.16 | 356 | Pn | 00 11 17.5 | -0.9 |
| POKR | Poker Plat Res | 4.16 | 356 | Pn | 00 11 18.3 | -0.1 |
| SVW2 | Sparrevoh | 4.20 | 275 | Pn | 00 11 18.7 | -1.6 |
| SVW2 | Minto, Yukon-K | 4.35 | 345 | Pn | 00 11 18.9 | -1.2 |
| I23K | Minto, Yukon-K | 4.35 | 345 | Pn | 00 11 21.4 | +0.5 |
| I23K | Minto, Yukon-K | 4.35 | 345 | Pn | 00 11 21.6 | +0.7 |
| KDAK | Kodiak Island | 4.38 | 226 | Pn | 00 11 20.4 | -1.1 |
| KDAK | Manley | 4.45 | 338 | Pn | 00 11 20.6 | -0.9 |
| MLY | Manley | 4.45 | 338 | Pn | 00 11 22.7 | +0.3 |
| MLY | Manley | 4.45 | 338 | Pn | 00 12 13.6 | 0.0 |
| HYT | Haines Junctio | 4.51 | 88 | Pn | 00 11 25.0 | +1.6 |
| EGAK | Eagle | 4.58 | 31 | Pn | 00 11 26.2 | +0.0 |
| DAWY | Dawson | 4.60 | 45 | Pn | 00 11 25.5 | +1.0 |
| TTA | Tatalina | 4.79 | 298 | Pn | 00 11 26.3 | +0.8 |
| OHAH | Old Harbor | 5.05 | 225 | Pn | 00 11 29.3 | -1.4 |
| OHAH | Whitehorse | 5.81 | 88 | Pn | 00 11 42.0 | +0.8 |
| SKAG | Skagway | 5.89 | 100 | Pn | 00 11 43.2 | +1.2 |
| IMAR | Indian Mountai | 5.92 | 331 | Pn | 00 11 42.9 | +0.4 |
| COLD | Coldfoot | 6.45 | 348 | Pn | 00 11 50.2 | +0.4 |
| COLD | Coldfoot | 6.45 | 348 | Pn | 00 11 50.7 | +0.9 |
| BESE | Bessie Mountain | 6.47 | 107 | Pn | 00 11 50.5 | +0.4 |
| BMAR | Burnt Mountai | 6.54 | 108 | Pn | 00 11 52.7 | +1.6 |
| JIS | Juneau Island | 6.83 | 106 | Pn | 00 12 03.0 | +0.2 |
| SHT | Sitka | 7.08 | 119 | Pn | 00 11 57.5 | -0.9 |
| CHGN | Chignik | 7.68 | 238 | Pn | 00 12 06.7 | 0.0 |
| TOLK | Toolik Lake Re | 7.78 | 352 | Pn | 00 12 11.5 | +3.5 |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|----------------|-------|-----|----------|------------|------|
| WRAK | Wrangell Islan | 8.77 | 115 | Pn | 00 12 21.0 | -0.6 |
| DLBC | Dease Lake | 8.82 | 99 | Pn | 00 12 23.2 | +0.8 |
| DLBC | Dease Lake | 8.82 | 99 | Pn | 00 13 58.4 | -2.7 |
| DLBC | Dease Lake | 8.82 | 99 | Pn | 00 15 55.6 | |
| DLBC | Dease Lake | 8.82 | 99 | Pn | 00 12 22.8 | +0.5 |
| CRAC | Craig | 9.05 | 122 | Pn | 00 12 24.8 | -0.7 |
| SDPT | Sand Point | 9.19 | 238 | Pn | 00 12 26.5 | -0.7 |
| CNBA | Chernabura Isl | 9.21 | 234 | Pn | 00 12 25.9 | -1.6 |
| ANM | Nome | 9.25 | 301 | Pn | 00 12 27.8 | -0.3 |
| INK | Inuvik | 9.26 | 32 | Pn | 00 12 29.4 | +1.2 |
| INK | Inuvik | 9.26 | 32 | Pn | 00 14 10.6 | -0.9 |
| INK | Inuvik | 9.26 | 32 | Pn | 00 12 29.9 | +1.7 |
| INK | Inuvik | 9.26 | 32 | Pn | 00 12 27.2 | +0.7 |
| DIB | Dawson Inlet, | 10.98 | 129 | Pn | 00 12 22.2 | -1.9 |
| GKMB | Gakbel | 11.88 | 284 | Pn | 00 13 08.1 | -1.4 |
| AKUT | Akutlakt | 12.27 | 245 | Pn | 00 13 08.1 | -1.4 |
| C36M | Paulatuk | 12.60 | 39 | Pn | 00 13 13.3 | -0.6 |
| C36M | Paulatuk | 12.60 | 39 | Pn | 00 13 13.7 | -0.2 |
| UNV | Unalaska Valle | 12.79 | 245 | Pn | 00 13 14.4 | -2.1 |
| YKGA | Yellowknife | 15.21 | 70 | Pn | 00 13 50.8 | +1.4 |
| YKGA | Sidney | 18.11 | 122 | Pn | 00 14 25.2 | -0.8 |
| PGC | Liberty | 20.36 | 121 | Pn | 00 14 38.4 | |
| LTY | Liberty | 20.36 | 121 | Pn | 00 14 52.7 | -0.5 |
| LTY | Newport | 21.13 | 114 | Pn | 00 15 00.9 | +1.5 |
| NEW | Newport | 21.13 | 114 | Pn | 00 15 01.1 | +1.7 |
| NEW | Newport | 21.13 | 114 | Pn | 00 15 04.8 | |
| G08A | Pilot Rock | 22.64 | 121 | Pn | 00 15 16.1 | +0.3 |
| G08A | Jette | 22.79 | 111 | Pn | 00 15 17.3 | 0.0 |
| I07A | Izeze | 23.41 | 124 | Pn | 00 15 24.7 | +1.1 |
| I07A | Missoula | 23.63 | 112 | Pn | 00 15 26.5 | |
| MSO | Missoula | 23.63 | 112 | Pn | 00 15 26.6 | +0.4 |
| MSO | Blue Mountains | 23.69 | 120 | Pn | 00 15 27.6 | |
| BMO | Blue Mountains | 23.69 | 120 | Pn | 00 15 27.1 | +0.8 |
| K05A | Yellow Lake | 24.00 | 138 | Pn | 00 15 20.6 | +1.3 |
| YBH | Yreka Blue Hor | 24.08 | 122 | Pn | 00 15 34.1 | +3.2 |
| WDC | Whiskeytown Da | 25.25 | 133 | Pn | 00 15 41.5 | +1.0 |
| EUNU | Eureka | 25.61 | 20 | Pn | 00 15 43.9 | +0.3 |
| YHL | Yehogan Lake | 26.39 | 111 | Pn | 00 15 52.0 | +0.8 |
| YHH | Holmes Hill | 26.59 | 111 | Pn | 00 15 53.9 | +1.0 |
| REDW | Red Top Meadow | 27.70 | 113 | Pn | 00 16 04.4 | +1.5 |
| REDW | Elko | 27.93 | 122 | Pn | 00 16 23.4 | |
| ELK | Elko | 27.93 | 122 | Pn | 00 16 06.9 | +1.9 |
| ELK | Mina Array Bea | 28.70 | 129 | Pn | 00 16 13.2 | +1.4 |
| NVAR | Mina Array Bea | 28.70 | 129 | Pn | 00 16 12.4 | +0.2 |
| PDAR | Pinedale Array | 28.75 | 112 | Pn | 00 29 16.6 | |
| PETK | Petrovavlovsk- | 30.37 | 280 | LR | 00 18 15.5 | +1.1 |
| TXAR | Lajitas Array | 42.56 | 118 | Pn | 00 20 04.0 | -1.0 |
| FINES | FINES Array B | 57.77 | 4 | Pn | 00 20 58.5 | +1.1 |
| GERK | Makani Array | 65.50 | 325 | Pn | 00 53 42.9 | |
| GERK | GERESS Array B | 69.39 | 14 | LR | 00 21 57.0 | +0.1 |
| ESDC | Elko | 27.93 | 122 | Pn | 00 21 57.0 | +0.1 |

R SNC 01 00:11:13.8:1.1, 6.77N:73.16W, h150km, 7km, ML1.8,

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|------|-----|----------|------------|------|
| BARC | Barichara | 0.18 | 187 | Op | 00 11 33.9 | +0.5 |
| BARC | Barichara | 0.18 | 187 | eS | 00 11 49.1 | -0.9 |
| BARC | Barichara | 0.18 | 187 | eS | 00 11 50.0 | |
| BARC | Barichara | 0.18 | 187 | eS | 00 11 33.8 | -0.6 |
| BARC | Barichara | 0.18 | 187 | eS | 00 11 49.2 | -0.9 |
| BARC | Barichara | 0.18 | 187 | eS | 00 11 50.0 | |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 35.8 | -0.2 |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 53.2 | +0.4 |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 57.6 | |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 35.8 | -0.2 |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 53.4 | +0.5 |
| BRRC | Barranca, Sant | 0.64 | 301 | eS | 00 11 57.6 | |
| PAMC | Pamplona, Colo | 0.73 | 39 | eS | 00 11 36.9 | -0.2 |
| PAMC | Pamplona, Colo | 0.73 | 39 | eS | 00 11 54.1 | -0.7 |
| PAMC | Pamplona, Colo | 0.73 | 39 | eS | 00 11 55.0 | |
| PAMC | Pamplona, Colo | 0.73 | 39 | eS | 00 11 36.7 | -0.4 |
| PAMC | Pamplona, Colo | 0.73 | 39 | eS | 00 11 54.1 | -0.7 |
| PAMC | | | | | | |

s-maj=191.4km s-min=26.1km az=65.0,Northern
Molucca Sea

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|----------------|-----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| WRA | Warramunga Arr | 23.16 161 | Op | P | 01 36 44.1 -1.3 |
| ASAR | Alice Springs | 26.54 164 | P | P | 01 37 18.2 +1.4 |
| MKAR | Makanchi Array | 58.76 326 | P | P | 01 41 36.8 -0.3 |

ISC 01 01:33:03.5:1.3, 1.01:31S:124.08E, h0km, mb3.8/2, mb1 3.5/5, mb1mx3.4/27, mbtm3.3/45, ML3.1/3, Error ellipse: s-maj=31.8km s-min=9.4km az=14.0
 ISC 01 01:33:05.6:1.0, 1.05S:01:124.1E:0.1, h27km, n7, az=82/10, mb4.0/3, Timor region

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|-------------------------------------|-----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| BATI | Baumata | 0.50 300 | Op | P | 01 33 13.0 -2.9 |
| BATI | 246nm,0.3s,baz=151,slow=10,SNR=130 | | Pb | | |
| FITZ | Fitzroy Crossi | 7.74 169 | P | P | 01 34 59.6 +3.0 |
| FITZ | 0.2nm,0.3s,baz=358,slow=12,SNR=62 | | P | | |
| WRA | Warramunga Arr | 13.65 135 | P | P | 01 36 19.1 +1.5 |
| WRA | 0.1nm,0.3s,baz=308,slow=15,SNR=8.3 | | P | | |
| ASAR | Alice Springs | 16.12 146 | Pn | P | 01 36 52.2 -4.2 |
| ASAR | 0.1nm,0.3s,baz=282,slow=15,SNR=5.5 | | Pn | | |
| MKAR | Makanchi Array | 68.12 330 | P | P | 01 39 46.1 -2.6 |
| MKAR | 0.1nm,0.3s,baz=310,slow=22,SNR=2.4 | | P | | |
| ZALV | Zalesovo Beam | 72.27 337 | P | P | 01 44 28.9 +0.5 |
| ZALV | 0.3nm,0.4s,baz=126,slow=9,SNR=2.0 | | P | | |
| GEYT | Alibek | 78.10 312 | P | P | 01 45 03.7 +1.2 |
| GEYT | 3.5nm,0.4s,baz=128,slow=4.4,SNR=2.6 | | P | | |

ISC 01 01:50:16.3:1.1, 7.75S:106.05E, h0km, mb3.7/9, mb1 3.9/9, mb1mx3.7/39, mbtm3.7/9, Error ellipse: s-maj=30.0km s-min=16.9km az=49.0
 DJA 01 01:50:21.2:0.3, 8.3°S:3°10'E, h10km, M4.5/18, mb6.4/1, mb4.9/3, MLV4.2/18, Mw(M)6.2/1
 NEIC 01 01:50:23.4:3.0, 7.88S:01:106.43E:0.06, h52km, 9km, mb4.3/10, Error ellipse: s-maj=9.2km s-min=4.3km az=119.0
 ISC 01 01:50:23.4:1.1, 7.77S:01:106.42E:0.05, h48km, 11km, n55, az=158/57, mb4.0/14, Jawa

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|-------|--------------------------------------------|-----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| SKJI | Sukabumi | 0.78 10 | Op | P | 01 50 37.3 -0.8 |
| SKJI | | | S | | 01 50 48.4 -0.4 |
| DBJI | Dramaga | 1.26 15 | P | P | 01 50 44.7 +0.1 |
| CISI | Cisompot, Garu | 1.40 81 | P | P | 01 50 46.0 -0.6 |
| CISI | | | S | | 01 51 00.7 -3.3 |
| CISI | Cisompot, Garu | 1.40 81 | Pn | P | 01 50 45.8 -0.8 |
| CISI | | | S | | 01 51 01.1 -2.9 |
| LEM | Lembang | 1.52 52 | Pn | P | 01 50 49.3 +1.0 |
| LEM | 533nm,0.3s,baz=336,slow=4.8,SNR=260 | | Pn | | |
| LEM | 172nm,0.3s,baz=157,slow=19,SNR=7.9 | | S | | 01 51 09.3 +2.4 |
| LEM | Lembang | 1.52 52 | P | P | 01 50 48.9 +0.6 |
| TNG | Tangerang | 1.61 8 | P | P | 01 50 50.3 +0.9 |
| SBJI | Serang | 1.67 350 | P | P | 01 50 51.2 +1.0 |
| JCUJ | Jatiranggi | 2.24 55 | P | P | 01 50 55.6 -2.0 |
| KPIJ | Karang Pucung | 2.51 23 | P | P | 01 51 02.5 +0.5 |
| XMIS | Christmas Isla | 2.79 196 | Pn | P | 01 51 05.0 -0.6 |
| XMIS | | | S | | 01 51 35.5 -2.6 |
| KASI | Kota Agung | 2.94 319 | P | P | 01 51 07.3 -0.3 |
| KLSI | Kali | 3.49 331 | P | P | 01 51 17.5 +2.3 |
| LWLI | Liwa | 3.60 319 | P | P | 01 51 17.9 +0.5 |
| SMRI | Senarang | 4.06 80 | P | P | 01 51 22.5 -0.5 |
| UGM | Wanagama | 4.07 92 | Pn | P | 01 51 22.7 -0.4 |
| UGM | | | S | | 01 52 07.7 -1.9 |
| WOJI | Wonogiri, Jawa | 4.47 91 | P | P | 01 51 29.0 +0.4 |
| MNAI | Manna | 4.83 314 | P | P | 01 51 35.9 +2.3 |
| MNAI | Manna | 4.83 314 | P | P | 01 51 35.7 +2.1 |
| LHAI | Lahat | 4.86 324 | P | P | 01 51 35.6 +1.6 |
| PMBI | Palembang | 5.09 341 | P | P | 01 51 39.3 +2.2 |
| PMBI | 5.7nm39m336nm,0.5s | | P | | |
| PWJI | Pagerwojo | 5.34 93 | P | P | 01 51 40.5 -0.1 |
| PWJI | 0.4nm1nm,1.4s | | P | | |
| JAGI | Jajag, Banyuwana | 7.69 96 | P | P | 01 52 13.4 +0.6 |
| JAGI | Jajag, Banyuwana | 7.69 96 | Pn | P | 01 52 14.7 +1.8 |
| GIRL | Giralila | 16.59 154 | P | P | 01 54 15.4 +0.9 |
| FITZ | Fitzroy Crossi | 21.34 121 | P | P | 01 55 11.5 +4.9 |
| FITZ | 0.5nm,0.7s,baz=318,slow=11,SNR=1.1 | | P | | |
| CMAR | Chiang Mai Arr | 27.09 344 | P | P | 01 55 57.8 -3.9 |
| CMAR | Chiang Mai Arr | 27.09 344 | P | P | 01 56 01.1 -0.7 |
| CMAR | 0.9nm,0.3s,baz=164,slow=10,SNR=1.5 | | P | | |
| H1W1 | Cape Leeuwin H | 27.91 166 | T | T | 02 25 55.2 |
| H1W1 | baz=342,slow=78,SNR=170 | | T | | |
| H1W2 | Cape Leeuwin H | 27.91 166 | T | T | 02 25 52.3 |
| H1W2 | baz=342,slow=78,SNR=170 | | T | | |
| WBO | Warramunga Arr | 29.61 117 | P | P | 01 56 26.4 +2.1 |
| WRA | Warramunga Arr | 29.63 117 | P | P | 01 56 25.6 +1.1 |
| WRA | 0.4nm,0.9s,baz=293,slow=10,SNR=5.1 | | P | | |
| WRA | 0.3nm,0.6s,baz=303,slow=2.3,SNR=1.5 | | PcP | | 01 59 29.6 +1.3 |
| WRA | Warramunga Arr | 29.63 117 | P | P | 01 56 24.8 +0.4 |
| WB2 | Warramunga Arr | 29.64 117 | P | P | 01 56 23.3 -1.2 |
| WB2 | comp=Z,12nm,1.5s | | Iamb | | 01 56 38.5 |
| WR0 | Warramunga Arr | 29.81 117 | P | P | 01 56 26.6 +0.5 |
| WR0 | comp=Z,6.6nm,1.5s | | Iamb | | 01 56 29.4 |
| ASAR | Alice Springs | 30.72 124 | P | P | 01 56 36.6 +2.5 |
| ASAR | comp=Z,0.2nm,0.3s,baz=330,slow=8.8,SNR=2.1 | | P | | |
| H0S2 | Diego Garcia H | 33.63 268 | T | T | 02 32 25.8 |
| H0S2 | baz=92,slow=76,SNR=263 | | T | | |
| H0S3 | Diego Garcia H | 33.62 268 | T | T | 02 32 22.1 |
| H0S3 | baz=92,slow=76,SNR=294 | | T | | |
| H0S1 | Diego Garcia H | 33.63 268 | T | T | 02 32 21.5 |
| H0S1 | baz=92,slow=76,SNR=294 | | T | | |
| STKA | Stephens Creek | 40.56 131 | P | P | 01 58 01.1 +2.9 |
| STKA | comp=Z,2.1nm,0.4s,baz=314,slow=7.8,SNR=9.1 | | P | | |
| STKA | Stephens Creek | 40.56 131 | P | P | 01 58 01.2 +2.9 |
| SOMM | Songino Array | 39.92 320 | P | P | 01 59 50.6 -2.0 |
| SOMM | comp=Z,0.2nm,0.3s,baz=178,slow=10,SNR=2.4 | | PcP | | |
| SOMM | comp=Z,0.4nm,0.4s,baz=180,slow=4.4,SNR=4.4 | | PcP | | |
| USRK | Ussuriysk Arr | 56.62 22 | P | P | 01 59 59.5 -2.2 |
| USRK | comp=Z,1.1s,baz=116,slow=5.2,SNR=6.7 | | P | | |
| MK31 | Makanchi Array | 58.42 341 | P | P | 02 00 12.0 -2.1 |
| MKAR | Makanchi Array | 58.42 341 | P | P | 02 00 11.8 -2.3 |
| MKAR | 0.2nm,0.4nm,0.5s,baz=146,slow=9.3,SNR=6.3 | | P | | |
| MKAR | Makanchi Array | 58.42 341 | P | P | 02 00 11.5 -2.5 |
| KURK | Kurchatov | 63.03 341 | P | P | 02 00 46.6 +1.3 |
| KURK | | | Iamb | | 02 00 53.9 |
| GYA0B | ALIBECK ARRAY | 63.96 319 | P | P | 02 00 52.2 +0.4 |
| GYA0B | | | Iamb | | 02 00 53.6 |
| ZALV | Zalesovo Beam | 64.14 346 | P | P | 02 00 49.7 -2.8 |
| ZALV | comp=Z,0.5nm,0.3s,baz=157,slow=5.9,SNR=5.3 | | P | | |
| ZALV | Zalesovo Beam | 64.14 346 | P | P | 02 00 49.9 -2.6 |
| BRYK | Boroyev | 67.92 337 | P | P | 02 01 16.3 0.0 |
| BRYK | comp=Z,1.1nm,0.6s | | Iamb | | 02 01 17.9 |
| ABKAR | Abkularray | 69.78 330 | P | P | 02 01 28.4 -0.2 |
| TXAR | Lajitas Array | 144.51 49 | PKP | PKP | 02 09 56.1 +0.8 |
| TXAR | comp=Z,2.2nm,0.6s,baz=122,slow=2.9,SNR=3.9 | | PKP | | |
| TXAR | Lajitas Array | 144.51 49 | PKP | PKP | 02 09 55.1 -0.2 |

DJA 01 02:02:31.0:0.3, 5.2°S:2°12'E, h10km, M3.6/6, MLV3.6/6, Sulawesi

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|--------------|----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| BNSI | Bone | 0.28 14 | P | P | 02 02 36.6 0.0 |
| BNSI | | | Sg | | 02 02 41.5 +1.2 |
| BKSI | Bulukumba | 0.65 173 | P | P | 02 02 44.0 +0.3 |
| BKSI | | | S | | 02 02 53.9 +0.2 |
| SPSI | Sidrap Palu | 0.75 339 | P | P | 02 02 45.4 -0.1 |

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|------|--------------|----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| SPSI | Tana Toraja | 1.63 352 | S | Sg | 02 02 55.9 +0.6 |
| TTSI | | | P | Pn | 02 02 59.9 +0.1 |
| TTSI | | | S | Pb | 02 03 21.9 +0.1 |
| APSI | Ampana | 4.07 23 | P | Pn | 02 03 33.4 +0.1 |

UPA 01 02:13:54.6:1.3, 8.82N:77:53W, h46km, 7km, ML4.1, MW4.1
 RNSC 01 02:13:55.9:1.0, 8.63N:77:57W, h43km, 6km, ML2.5
 ISC 01 02:13:59.1:2, 8.73N:0:05:77.54W,0.03, h54km, 7km, n22, az=133/39, 1C-1D, Panama-Colombia border region

| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
|-------|-------------------|----------|----------|-------|-----------------|
| | | | | h m s | ISC |
| CAP2 | Capurgana | 0.19 113 | Op | ISC | 02 14 02.6 -0.1 |
| CAP2 | comp=Z,17nm,0.1s | | AMP | | 02 14 03.1 |
| CAP2 | Capurgana | 0.21 116 | eS | Pn | 02 14 08.6 -0.4 |
| CAPC | | | eS | Pn | 02 14 02.6 -0.2 |
| CAPC | comp=Z,85nm,0.1s | | eS | Pn | 02 14 08.9 -0.2 |
| UPD2 | Meteti | 0.50 249 | I/P | Pn | 02 14 05.9 +0.4 |
| UPD2 | | | I/S | Pn | 02 14 14.5 +0.7 |
| LCBC | Los crdoabas, | 1.17 84 | eS | Pn | 02 14 15.4 +1.5 |
| LCBC | | | eS | Pn | 02 14 32.0 +3.1 |
| LCBC | comp=Z,79nm,0.2s | | eS | Pn | 02 14 33.5 |
| CNTA3 | Canitas, Panam | 1.42 290 | I/P | Pn | 02 14 15.0 -2.4 |
| CNTA3 | | | I/S | Pn | 02 14 32.2 -2.9 |
| PTAC | Punta Ardita, | 1.59 190 | eS | Pn | 02 14 19.9 +0.2 |
| PTAC | | | eS | Pn | 02 14 38.3 -0.9 |
| CHPO | Chepo, Panama | 1.62 286 | I/P | Pn | 02 14 21.1 +1.1 |
| CHPO | | | eS | Pn | 02 14 39.6 -0.2 |
| MOTC | Monteria, Cord | 1.85 88 | eS | Pn | 02 14 23.7 +0.4 |
| MOTC | | | eS | Pn | 02 14 46.2 +0.6 |
| MOTC | comp=Z,21nm,0.2s | | eS | Pn | 02 14 47.5 |
| MONA | Monteria | 1.86 89 | eS | Pn | 02 14 23.2 -0.3 |
| MONA | | | eS | Pn | 02 14 46.0 +0.2 |
| UPA | Univ. de Panam | 1.99 277 | eP | Pn | 02 14 25.6 +0.5 |
| UPA | | | eS | Pn | 02 14 50.9 +2.0 |
| DBBC | Dabeiba | 2.15 142 | eP | Pn | 02 14 28.0 +0.5 |
| DBBC | | | eS | Pn | 02 14 52.6 -0.4 |
| DBBC | comp=Z,107nm,0.4s | | eS | Pn | 02 15 03.5 |
| CHOR3 | La Chorrera | 2.21 275 | eP | Pn | 02 14 29.8 +1.7 |
| CHOR3 | | | eS | Pn | 02 14 54.4 +1.1 |
| FRJ | Ei Hiral | 2.21 283 | eP | Pn | 02 14 28.6 +0.3 |
| ZANG | Zanguanga, Cho | 2.31 276 | eP | Pn | 02 14 30.9 +1.3 |
| VTON | El Valle, Colo | 2.55 268 | eP | Pn | 02 14 31.2 -1.7 |
| SJCC | San Jacinto, C | 2.60 63 | I/S | Pn | 02 15 02.9 -1.2 |
| ZARC | Zaragoza, Cauc | 2.92 115 | eS | Pn | 02 14 35.6 +0.5 |
| ZARC | | | eS | Pn | 02 15 09.5 -2.4 |
| ZARC | comp=Z,22nm,0.4s | | eS | Pn | 02 15 12.3 |
| HEL | Santa Helena | 3.21 141 | eP | Pn | 02 14 42.8 +0.6 |
| HEL | | | eS | Pn | 02 15 19.1 -0.5 |
| HEL | comp=Z,4.0nm,0.3s | | eS | Pn | 02 15 23.5 |
| HEL | Santa Helena | 3.21 141 | eP | Pn | 02 14 42.3 +0.1 |
| CBCC | Ciudad Boliva | 3.22 152 | eP | Pn | 02 14 44.3 +2.0 |
| CBCC | | | eS | Pn | 02 15 19.1 -0.3 |
| CBCC | comp=Z,4.6nm,0.6s | | eS | | |

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| | | | | | | | | | |
|--------------|-------------------------------------------|-------|-----|-----|--------|------------|------|--|--|
| 1d 3h | | | | | | | | | |
| MOY | Mondy | 56.10 | 29 | eP | P | 03 57 30.4 | +1.1 | | |
| MOY | comp=Z,97nm,1.8s | | | | | | | | |
| NACMG | Naroch | 56.12 | 337 | e | P | 03 57 28.0 | -1.1 | | |
| NRCMA | Norcia | 56.12 | 319 | I | Amb | 03 57 30.4 | | | |
| | comp=Z,38nm,1.6s | | | | | | | | |
| OJC | Ojcow | 56.12 | 329 | eP | P | 03 57 27.6 | -1.6 | | |
| OJC | Ojcow | 56.12 | 329 | I | Amb | 03 57 29.3 | | | |
| | comp=Z,60nm,1.6s | | | | | | | | |
| DOBS | Dobrina | 56.23 | 323 | i | P | 03 57 29.5 | -0.7 | | |
| TAM | Tamanrasset | 56.25 | 293 | P | P | 03 57 30.9 | -0.2 | | |
| | comp=Z,51nm,1.4s | | | | | | | | |
| TAM | Tamanrasset | 56.25 | 293 | P | I | 03 57 30.9 | 0.0 | | |
| | comp=Z,51nm,1.4s | | | | | | | | |
| SMOL | Smolenice | 56.38 | 326 | eP | P | 03 57 30.1 | -1.1 | | |
| SMOL | comp=Z,25nm,1.6s | | | | | | | | |
| ZMST | Smolenice | 56.38 | 326 | eP | P | 03 57 30.1 | -1.1 | | |
| ZMST | Bratislava | 56.38 | 326 | eP | P | 03 57 30.0 | -1.2 | | |
| ZST | comp=Z,233nm,1.7s | | | | | | | | |
| ZST | Bratislava | 56.38 | 326 | eP | P | 03 57 30.0 | -1.2 | | |
| MODS | Modra-Piesok | 56.38 | 326 | eP | P | 03 57 28.9 | -2.3 | | |
| MODS | comp=Z,67nm,1.5s | | | | | | | | |
| MODS | Modra-Piesok | 56.38 | 326 | eP | P | 03 57 28.9 | -2.3 | | |
| ZAK | Zakamensk | 56.43 | 31 | eP | P | 03 57 30.4 | -1.2 | | |
| ZAK | comp=Z,15nm,1.5s | | | | | | | | |
| JAVC | Velka Javorina | 56.44 | 327 | eP | P | 03 57 31.4 | -0.3 | | |
| BEL | Belsk | 56.63 | 331 | eP | P | 03 57 32.9 | 0.0 | | |
| HHC | Hu-ho-hao-te | 56.63 | 44 | i | P | 03 57 34.7 | +1.4 | | |
| HHC | comp=Z,45nm,1.1s | | | | | | | | |
| HHC | comp=Z,26nm,1.2s | | | | | | | | |
| HHC | comp=Z,240nm,5.1s | | | | | | | | |
| HHC | comp=Z,450nm,13.1s | | | | | | | | |
| HHC | comp=Z,820nm,16.1s | | | | | | | | |
| SONM | Songino Array | 56.65 | 35 | P | P | 03 57 33.8 | +0.6 | | |
| | comp=Z,31nm,1.3s,baz=228,slow=4.8,SNR=23 | | | | | | | | |
| SONM | comp=Z,1um,18.6s,baz=214,slow=37 | | | | | | | | |
| SONM | Songino Array | 56.65 | 35 | P | P | 03 57 33.9 | +0.6 | | |
| SONM | comp=Z,36nm,1.3s | | | | | | | | |
| SONM | Songino Array | 56.65 | 35 | P | P | 03 57 33.9 | +0.6 | | |
| MURB | Monte Urbino | 56.69 | 319 | P | I | 03 57 33.9 | +0.3 | | |
| MURB | comp=Z,66nm,1.4s | | | | | | | | |
| LJU | Ljubiana | 56.74 | 323 | i | P | 03 57 33.4 | -0.4 | | |
| OKC | Ostrava-Krasne | 56.75 | 328 | AMS | AMS | 04 22 30.0 | | | |
| | comp=Z,500nm,20.6s | | | | | | | | |
| SOKA | Soboth | 56.76 | 323 | i | P | 03 57 33.5 | -0.5 | | |
| | comp=Z,34nm,1.5s,SNR=6.6 | | | | | | | | |
| ARSA | Arzberg | 56.77 | 324 | i | P | 03 57 33.8 | -0.3 | | |
| | comp=Z,40nm,1.6s,SNR=9.5 | | | | | | | | |
| MYLDM | Lahad Datu | 56.88 | 88 | I | AMS_20 | 04 21 44.0 | | | |
| | comp=Z,712nm,19.0s | | | | | | | | |
| CONA | Conrad Observ | 56.94 | 325 | i | P | 03 57 34.6 | -0.6 | | |
| | comp=Z,80nm,1.5s,SNR=29.2 | | | | | | | | |
| OBKA | Obir | 56.97 | 323 | i | P | 03 57 35.1 | -0.4 | | |
| | comp=Z,44nm,1.5s,SNR=8.4 | | | | | | | | |
| SUW | Suwalki | 56.97 | 334 | eP | P | 03 57 34.7 | -0.6 | | |
| SUW | Suwalki | 56.97 | 334 | eP | P | 03 57 34.7 | -0.6 | | |
| | comp=Z,111nm,1.4s | | | | | | | | |
| SUW | Suwalki | 56.97 | 334 | P | P | 03 57 34.6 | -0.6 | | |
| MORC | Moravsky Berou | 57.03 | 328 | i | P | 03 57 35.2 | -0.7 | | |
| MORC | Moravsky Berou | 57.03 | 328 | I | Amb | 03 57 35.0 | -0.9 | | |
| | comp=Z,102nm,1.6s | | | | | | | | |
| ULN | Ulanbaatar | 57.04 | 350 | eP | P | 03 57 36.5 | +0.4 | | |
| ULN | comp=Z,42nm,1.7s | | | | | | | | |
| ULN | Ulanbaatar | 57.04 | 35 | P | I | 03 57 35.4 | -0.7 | | |
| | comp=Z,60nm,1.6s | | | | | | | | |
| ULN | Ulanbaatar | 57.04 | 35 | I | AMS_20 | 04 22 10.8 | | | |
| | comp=Z,80nm,20.0s | | | | | | | | |
| KLMR | Klimovskoe | 57.17 | 347 | eP | P | 03 57 34.3 | -2.2 | | |
| KLMR | comp=Z,82nm,1.5s | | | | | | | | |
| KLMR | Klimovskoe | 57.17 | 347 | eP | P | 03 57 34.4 | -2.1 | | |
| | comp=Z,82nm,1.5s | | | | | | | | |
| KRUC | Moravsky | 57.25 | 326 | eP | P | 03 57 35.9 | -1.5 | | |
| VRAC | Vranov | 57.28 | 327 | i | P | 03 57 37.2 | -0.4 | | |
| VRAC | Vranov | 57.28 | 327 | i | P | 03 57 36.7 | -0.9 | | |
| TYL | Talaya | 57.40 | 30 | eS | S | 03 57 39.1 | +0.7 | | |
| TYL | comp=Z,101nm,1.6s | | | | | | | | |
| TYL | comp=Z,861nm,18.0s | | | | | | | | |
| TYL | Talaya | 57.40 | 30 | P | P | 03 57 39.7 | +1.3 | | |
| | comp=Z,726nm,21.0s | | | | | | | | |
| PRED | Cave del Predi | 57.52 | 323 | I | Amb | 03 57 39.6 | | | |
| | comp=Z,73nm,1.9s | | | | | | | | |
| MYKA | Terra Mystica | 57.57 | 323 | i | P | 03 57 39.4 | -0.4 | | |
| | comp=Z,67nm,1.5s,SNR=15 | | | | | | | | |
| KRLC | Kraliky | 57.61 | 328 | eP | P | 03 57 38.9 | -1.0 | | |
| KRLC | comp=Z,300nm,23.0s | | | | | | | | |
| KRLC | Kraliky | 57.61 | 328 | eP | P | 03 57 38.9 | -1.0 | | |
| | comp=Z,300nm,23.9s | | | | | | | | |
| MOA | Molin | 57.81 | 324 | i | P | 03 57 40.8 | -0.6 | | |
| | comp=Z,84nm,1.6s,SNR=28.2 | | | | | | | | |
| TREC | Trest | 57.88 | 326 | eP | P | 03 57 40.7 | -1.1 | | |
| TREC | Trest | 57.88 | 326 | eP | P | 03 57 40.7 | -1.1 | | |
| TREC | Zouplian | 57.94 | 323 | I | Amb | 03 57 42.6 | | | |
| | comp=Z,56nm,1.5s | | | | | | | | |
| KBA | Koelnbreinspre | 57.97 | 323 | i | P | 03 57 41.9 | -0.8 | | |
| | comp=Z,34nm,1.3s,SNR=9.7 | | | | | | | | |
| DPC | Dobruska-Polom | 58.01 | 328 | eP | P | 03 57 41.9 | -0.8 | | |
| DPC | comp=Z,300nm,21.8s | | | | | | | | |
| DPC | Dobruska-Polom | 58.01 | 328 | eP | P | 03 57 41.9 | -0.8 | | |
| | comp=Z,300nm,21.8s | | | | | | | | |
| CIMO | Cimolowski | 58.14 | 322 | I | Amb | 03 57 44.9 | | | |
| | comp=Z,80nm,1.7s | | | | | | | | |
| OSTC | Ostas | 58.18 | 328 | eP | AMS | 03 57 43.0 | -0.9 | | |
| OSTC | comp=Z,400nm,14.6s | | | | | | | | |
| UPC | Ujpec | 58.26 | 328 | AMS | AMS | 04 22 20.0 | | | |
| | comp=Z,400nm,17.2s | | | | | | | | |
| CHVC | Chvalec | 58.28 | 328 | eP | P | 03 57 43.7 | -0.9 | | |
| KSP | Ksiaz | 58.30 | 328 | eP | P | 03 57 44.3 | -0.3 | | |
| ABTA | Abtaltersbach | 58.31 | 323 | eP | P | 03 57 44.7 | -0.2 | | |
| | comp=Z,59nm,1.5s | | | | | | | | |
| CTI | Castel Tesino | 58.51 | 321 | I | Amb | 03 57 46.6 | | | |
| | comp=Z,52nm,1.5s | | | | | | | | |
| RJOB | Jochberg | 58.61 | 324 | eP | P | 03 57 46.2 | -0.8 | | |
| | comp=Z,33nm,1.7s,baz=120,slow=7.0 | | | | | | | | |
| GERE2 | GERESS Array S | 58.64 | 325 | eP | P | 03 57 46.4 | -0.9 | | |
| | comp=Z,1.2nm,0.8s,baz=132,slow=7.9,SNR=11 | | | | | | | | |
| GERES | GERESS Array B | 58.64 | 325 | eP | P | 03 57 44.6 | -2.6 | | |
| | comp=Z,1.75nm,21.7s,baz=110,slow=36 | | | | | | | | |
| GERES | GERESS Array B | 58.64 | 325 | eP | P | 03 57 45.2 | -2.1 | | |
| GERES | GERESS Array B | 58.64 | 325 | eP | P | 03 57 45.2 | -2.1 | | |
| MPSI | Mapaga | 58.71 | 93 | P | P | 03 57 48.4 | +0.2 | | |
| | comp=Z,42nm,1.6s | | | | | | | | |
| PRU | Pruhonic | 58.77 | 327 | eP | P | 03 57 46.5 | -1.5 | | |
| PRU | Pruhonic | 58.77 | 327 | eP | P | 03 57 46.5 | -1.5 | | |
| KHC | Kasperske Hory | 58.86 | 325 | eP | P | 03 57 47.0 | -1.7 | | |
| KHC | comp=Z,95nm,1.7s | | | | | | | | |
| KHC | Kasperske Hory | 58.86 | 325 | eP | P | 03 57 47.0 | -1.7 | | |
| KHC | Kasperske Hory | 58.86 | 325 | I | Amb | 03 57 48.8 | | | |
| | comp=Z,52nm,1.5s | | | | | | | | |
| WTTA | Wattenberg | 59.08 | 323 | i | P | 03 57 49.0 | -1.4 | | |
| | comp=Z,44nm,1.3s,SNR=11 | | | | | | | | |

| | | | | | | | | | |
|-------------|-----------------------|-------|-----|---|--------|------------|--|--|--|
| TOC3 | Torodi Ar. Sit | 59.10 | 282 | I | AMS_20 | 04 23 59.8 | | | |
| | comp=Z,658nm,19.0s | | | | | | | | |
| TOB3 | Torodi Ar. Sit | 59.12 | 282 | I | AMS_20 | 04 23 59.3 | | | |
| | comp=Z,636nm,19.0s | | | | | | | | |
| TOC1 | Torodi Ar. Sit | 59.12 | 282 | I | AMS_20 | 04 24 09.3 | | | |
| | comp=Z,710nm,18.0s | | | | | | | | |
| TOA2 | Torodi Ar. Sit | 59.12 | 282 | I | AMS_20 | 04 23 59.4 | | | |
| | comp=Z,693nm,19.0s | | | | | | | | |

1d 5h

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like GTOI Gorontalo, SANI Sanana, LUWI Luwuk, etc.

IDC 01 04:44:59.3-0.6, 5.95N, 61.22E, h0km, MB3.0/13, mb1.4/1.3, mb1mx3.9/39, mbtmp4.0/13, MS3.8/26, Ms1.3.8/26, ms1mx3.7/43, Error ellipse: s-maj=22.0km s-min=19.5km az=153.0

GCMT 01 04:45:01.6-0.4, 5.87N, 0.03:61.20E:0.1, h12km, MW4.7/72, Moment Tensor Solution, s11:c11, s72:c91; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.4+/-0.6; Mw=0.92+-0.6; Mw=0.51+-0.6; Mw=1.0+-0.7; Mw=0.53+-0.5; Mw=0.32+-0.4; Best double couple: M1:1.39600, 1016 NP1:1.4, 0.0000; 3.44, 0.0000; 1.74, 0.0000; 0.315, 0.0000; 8.48, 0.0000; 1.104, 0.0000; Principal axes: T 1.5030, Plg179.0000; Azm294.0000; N -0.2110, Plg11.0000; Azm125.0000; P -1.12890, Plg2.0000; Azm35.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 01 04:45:01.6-1.9, 5.9N, 0.1:61.2E:0.1, h10km, 1km, mb4.3/12, Error ellipse: s-maj=22.2km s-min=21.2km az=136.0

ISC 01 04:45:01.2-0.7, 5.9N, 0.1:61.2E:0.1, h10km, n56, +19.20/32, mb3.9/17, MS3.9/23, Carlsberg Ridge

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WSAR Wadi Sarin, ATD Arta Tunnel, PALK Pallekele, etc.

2014 DEC

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SONM Songo Array, TLY Talaya, TORO Torodi Ar. Bea, etc.

NEIC 01 04:58:03.7-2.7, 14.99S, 0.05:173.07W:0.07, h32km, 8km, mb4.3/5, Error ellipse: s-maj=10.2km s-min=7.4km az=65.0

IDC 01 04:58:03.4-1.9, 15.11S, 173.57W, h0km, mb3.7/6, mb1.4/1.6, mb1mx3.8/27, mbtmp3.7/6, MS3.7/6, Ms1.3/7, ms1mx3.3/29, Error ellipse: s-maj=114.8km s-min=22.8km az=150.0

ISC 01 04:58:08.0-1.0, 15.1S, 173.6W:0.2, h30km, n38, +076/114, mb3.7/8, MS3.6/7, Tonga Islands

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, FUNA Funatiti, etc.

TRN 01 04:58:26.6, 15.03N, 61.11W, h147km, MD3.9, NEIC 01 04:58:27.8-1.2, 15.05N, 0.09:61.35W:0.07, h144km, 5km, mb4.1/2.4, Error ellipse: s-maj=14.8km s-min=6.2km az=217.0

IDC 01 04:58:27.2-2.2, 14.82N, 61.34W, h157km, 20km, mb3.3/9, mb1.3.8/12, ms1mx3.4/36, mbtmp3.9/12, MS3.8/1, Ms1.3.8/11, ms1mx3.8/20, Error ellipse: s-maj=26.5km s-min=14.1km az=25.0

ISC 01 04:58:27.3-0.6, 14.93N, 0.03:61.25W:0.06, h145km, 5km, n98, +1900/12, mb4.0/24, 2C-1D, Windward Islands

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SVN Savane Anatole, CXM Morne La Croix, BMBF Morne Balai, etc.

8

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DLPL La Plaine, ILAM Ilet Lapis Mar, DSLS Salisbury, etc.

WRA Warramunga Arr 164.34 249 PKPab PKPab 05 19 08.0 -1.4 comp=2.0, 4nm, 0.8s, baz=99, slow=4.4, SNR=3.0

mb1 4.2/20, mb1mx4.0/44, mbtmp3.9/20, ML2.7/3, MS3.3/7, Ms1 3.3/7, ms1mx2.9/46, Error ellipse: s-maj=19.8km s-min=9.1km az=15.0

NEIC 01 05:25:14.9, 2.1, 64.65N, 0.08:17.5W, 0.1, h8km, 4km, mb4.4/40, Error ellipse: s-maj=12.1km s-min=7.8km az=193.0

ISC 01 05:25:15.0, 0.3, 64.56N, 0.03:17.59W, 0.03, h10km, n159, #1563/148, mb4.2/46, MS3.2/4, Iceland

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

Table with columns: DAVOX, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations under the DAVOX group.

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

IDC 01 05:33:57.3, 1.3, 1.73N, 126.03E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/29, mbtmp3.4/4, MS3.8/1, Ms1 3.8/1, ms1mx2.5/29, Error ellipse: s-maj=86.9km s-min=24.3km az=70.0, Northern Molucca Sea

CNRM 01 05:44:0.5, 0.3, 36.85N, 8.55W, h29km, 5km, Error ellipse: s-maj=5.4km s-min=3.3km az=118.0 SFS 01 05:44:42.0, 36.88N, 3.60W, h30km, ML2.1, GOLFO DE CADIZ

INMG 01 05:44:42.3, 1.1, 36.89N, 8.58W, h26km, 3km, MD2.1, ML1.7, Error ellipse: s-maj=4.5km s-min=2.2km az=64.0 IGL 01 05:44:42.6, 36.88N, 8.58W, h28km, ML1.8 MDD 01 05:44:42.1, 0.8, 36.88N, 8.60W, h29km, 6km, mbLg2.1/6

ISC 01 05:44:41.2, 1.4, 36.89N, 0.06:8.58W, 0.04, h34km, 2km, n55, #082/88, 2C-4D, West of Gibraltar

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

ISC 01 05:25:41.8, 1.8, 3.80S, 0.04:35.75E, h15km, 14km, n18, #089/25, Tanzania

| | | | | | | | |
|-------|--------------------------------------------|-------|-----|------|------|------------|------|
| 833A | baz=127 | 12.47 | 119 | P | Pn | 06 00 35.7 | 0.0 |
| G05D | Chaparral WMA, baz=306,SNR=12 | 12.53 | 327 | P | Pn | 06 00 38.3 | +1.8 |
| 435B | Wamic, OR | 12.63 | 106 | P | P | 06 00 38.7 | +0.7 |
| H04D | Jarrell | 12.68 | 322 | P | Pn | 06 00 41.6 | +3.1 |
| TUL1 | Lebanon | 13.03 | 82 | P | Pn | 06 00 44.0 | +0.6 |
| EGMT | Leonard | 13.05 | 6 | P | P | 06 00 44.6 | +1.0 |
| F05D | Eagleton | 13.10 | 329 | P | Pn | 06 00 46.7 | +2.5 |
| G03D | White Salmon | 13.43 | 323 | P | Pn | 06 00 49.6 | +0.9 |
| NEW | McMinnville, O | 13.79 | 345 | Pn | Pn | 06 00 57.4 | +3.7 |
| NEW | Newport | 13.79 | 345 | Pn | Pn | 06 04 50.8 | |
| NEW | 0.1nm,0.3s, baz=173,slow=18,SNR=7.0 | | | Lg | Lg | 06 05 53.9 | |
| NEW | 0.1nm,0.3s, baz=275,slow=12,SNR=3.6 | | | LR | LR | 06 05 56.4 | |
| NEW | comp=Z,545nm,18.6s, baz=186,slow=36 | | | LR | LR | 06 05 59.6 | +2.7 |
| E04D | New Newport | 13.79 | 345 | P | Pn | 06 00 59.6 | +1.7 |
| DGMT | Cinebar | 14.10 | 328 | P | Pn | 06 01 00.9 | -3.0 |
| ECSD | Dagmar | 14.53 | 20 | P | Pn | 06 01 01.6 | -2.4 |
| NATX | EROS Data Cent | 14.54 | 49 | P | Pn | 06 01 04.9 | -0.5 |
| W39A | Nacogdoches | 14.64 | 98 | P | Pn | 06 01 04.0 | -2.2 |
| MIAR | Magazine | 14.70 | 84 | P | Pn | 06 01 08.1 | -1.3 |
| D03D | Mount Ida | 14.94 | 87 | P | Pn | 06 01 12.3 | +1.0 |
| B05A | Eldon | 15.09 | 329 | P | Pn | 06 01 14.8 | +0.9 |
| U40A | Bryant | 15.28 | 333 | P | Pn | 06 01 14.2 | -1.4 |
| X40A | Yellville | 15.33 | 80 | P | Pn | 06 01 15.6 | -1.9 |
| MDND | Basin Creek Fa | 15.57 | 87 | P | Pn | 06 01 16.0 | -3.0 |
| Z41A | Maddock | 15.79 | 91 | P | Pn | 06 01 19.7 | -0.9 |
| A04D | Richland Creek | 15.89 | 333 | P | Pn | 06 01 23.6 | +1.8 |
| W41B | Lummi Island | 15.96 | 84 | P | Pn | 06 01 21.0 | -1.7 |
| CCAR | Gary Wadley, V | 16.51 | 88 | Iamb | Iamb | 06 01 31.6 | |
| CCM | Cane Creek | 16.51 | 88 | Iamb | Iamb | 06 01 29.4 | -3.3 |
| LCAR | Cathedral Cave | 16.74 | 74 | P | Pn | 06 01 32.9 | -0.1 |
| T42A | Lake Charles | 16.79 | 81 | P | Pn | 06 01 32.7 | -1.0 |
| X43A | Van Buren | 16.82 | 77 | P | Pn | 06 01 35.4 | -2.5 |
| X43A | Marvell | 17.15 | 86 | Iamb | Iamb | 06 01 51.2 | |
| VBMS | Marzell | 17.15 | 86 | Iamb | Iamb | 06 01 45.5 | -1.7 |
| MOIG | comp=Z,38nm,0.8s | 17.93 | 146 | P | Iamb | 06 01 49.5 | +1.0 |
| P43A | Skaggs, Pawnee | 18.24 | 69 | P | Pn | 06 01 51.6 | +0.2 |
| OXF | Oxford | 18.35 | 85 | P | Pn | 06 01 51.5 | -1.3 |
| JFWS | Jewell Farm | 18.43 | 58 | P | P | 06 01 50.5 | -3.2 |
| HDIL | Hopedale | 18.55 | 66 | P | P | 06 01 53.4 | -1.6 |
| ULM | Lac du Bonnet | 19.02 | 32 | P | P | 06 02 00.1 | -0.8 |
| ULM | comp=Z,1.1nm,0.3s, baz=222,slow=11,SNR=10 | | | Lg | Lg | 06 07 28.5 | |
| ULM | comp=Z,0.2nm,0.3s, baz=142,slow=19,SNR=1.6 | | | LR | LR | 06 09 32.1 | |
| WVT | Waverly | 19.47 | 80 | P | P | 06 02 05.0 | -0.1 |
| Z47A | Carrollton | 19.68 | 89 | Iamb | Iamb | 06 02 26.7 | |
| EYMN | Ely | 19.82 | 43 | P | P | 06 02 05.5 | -3.4 |
| SFIN | Lafayette | 20.18 | 67 | P | P | 06 02 08.8 | -4.0 |
| X48A | Hartselle | 20.30 | 85 | Pn | Pn | 06 02 16.0 | -0.1 |
| BLO | Bloomington | 20.51 | 71 | Iamb | Iamb | 06 02 24.0 | |
| LRLAL | Lakeview Retre | 20.59 | 89 | P | P | 06 02 18.2 | +0.8 |
| LRLAL | Lakeview Retre | 20.59 | 89 | P | P | 06 02 16.4 | -1.0 |
| WCI | Wyandotte Cave | 20.65 | 74 | P | P | 06 02 15.4 | -2.5 |
| WCI | Wyandotte Cave | 20.65 | 74 | P | P | 06 02 17.6 | -0.4 |
| CLTN | Cedars of Leba | 20.68 | 80 | P | P | 06 02 17.5 | -0.9 |
| BBB | Bella Bella | 20.74 | 331 | P | P | 06 02 16.7 | -2.1 |
| BBB | Bella Bella | 20.74 | 331 | P | P | 06 09 57.1 | |
| BBB | Bella Bella | 20.74 | 331 | P | P | 06 02 16.8 | -2.0 |
| FFC | Flin Flon | 20.82 | 16 | P | P | 06 02 19.6 | 0.0 |
| FFC | Flin Flon | 20.82 | 16 | P | P | 06 02 24.0 | |
| TLIG | TLiga | 21.01 | 143 | P | P | 06 02 23.4 | +1.3 |
| SWET | Sewanee | 21.10 | 82 | P | P | 06 02 27.7 | -0.2 |
| 250A | Grady | 21.45 | 91 | Iamb | Iamb | 06 02 34.8 | |
| FPAL | Fort Paine | 21.45 | 84 | P | P | 06 02 27.0 | +0.3 |
| FPAL | Fort Paine | 21.45 | 84 | P | P | 06 02 36.2 | |
| R49A | Shelbyville | 21.53 | 74 | Iamb | Iamb | 06 02 31.4 | |
| W50A | Signal Mount | 21.60 | 92 | P | P | 06 02 26.9 | -1.4 |
| T50A | Nancy | 21.82 | 77 | P | P | 06 02 29.7 | -1.5 |
| P49A | Miami Univ. Ec | 21.93 | 70 | P | P | 06 02 30.8 | -0.9 |
| X51A | Calhoun | 22.06 | 83 | Iamb | Iamb | 06 02 47.2 | |
| CPCT | Cooper Cave | 22.21 | 81 | Iamb | Iamb | 06 02 39.6 | |
| O49A | Covington | 22.27 | 69 | P | P | 06 02 35.5 | +0.2 |
| O49A | Covington | 22.27 | 69 | P | P | 06 02 38.6 | |
| V51A | Loudon | 22.31 | 80 | Iamb | Iamb | 06 02 40.0 | |
| L48A | N Adams | 22.40 | 64 | P | P | 06 02 38.9 | +2.1 |
| L48A | N Adams | 22.40 | 64 | P | P | 06 02 40.9 | |
| 152A | Waverly Hall | 22.55 | 88 | P | P | 06 02 39.1 | +0.7 |
| 152A | Waverly Hall | 22.55 | 88 | P | P | 06 02 43.2 | |
| 352A | Blakely | 22.68 | 91 | P | P | 06 02 42.3 | +2.5 |
| 352A | Blakely | 22.68 | 91 | P | P | 06 02 43.9 | |
| W52A | Murphy | 22.74 | 82 | P | P | 06 02 39.7 | -0.8 |
| S51A | Beattyville | 22.79 | 75 | P | P | 06 02 41.9 | +0.9 |
| TKL | Tuckaleechee C | 22.80 | 80 | P | P | 06 02 42.7 | +1.7 |
| TKL | Tuckaleechee C | 22.80 | 80 | P | P | 06 09 31.0 | |
| TKL | Tuckaleechee C | 22.80 | 80 | P | P | 06 11 51.5 | |
| TKL | Tuckaleechee C | 22.80 | 80 | P | P | 06 02 41.9 | +0.9 |
| TKL | Tuckaleechee C | 22.80 | 80 | P | P | 06 02 45.3 | |
| GLMI | Grayling | 22.88 | 57 | P | P | 06 02 38.6 | -3.2 |
| ZTZN | Tazewell | 22.89 | 78 | P | P | 06 02 44.1 | +2.1 |
| ZTZN | Tazewell | 22.89 | 78 | P | P | 06 02 43.0 | +1.0 |
| V52A | Sevierville | 22.92 | 80 | P | P | 06 02 41.0 | -1.3 |
| V52A | Sevierville | 22.92 | 80 | P | P | 06 02 50.5 | |
| ACSO | Alum Creek Sta | 23.30 | 69 | P | P | 06 02 47.7 | +1.5 |
| ACSO | Alum Creek Sta | 23.30 | 69 | P | P | 06 02 49.5 | |
| CMIG | Matias Romero | 23.37 | 136 | P | P | 06 02 47.8 | +0.8 |
| CMIG | Matias Romero | 23.37 | 136 | P | P | 06 12 52.7 | |

| | | | | | | | |
|------|----------------|-------|-----|------|------|------------|------|
| GOGA | Godfrey | 23.41 | 86 | P | P | 06 02 46.9 | -0.4 |
| GOGA | Godfrey | 23.41 | 86 | Iamb | Iamb | 06 03 04.9 | |
| T53A | Wisconsin | 23.67 | 77 | P | P | 06 02 50.7 | +0.8 |
| TIGA | Tifton | 23.79 | 91 | P | P | 06 02 50.7 | -0.3 |
| Q52A | Bidwell | 23.81 | 72 | P | P | 06 02 50.4 | -0.8 |
| P52A | Corning | 23.93 | 70 | P | P | 06 02 54.1 | -3.2 |
| P52A | Corning | 23.93 | 70 | Iamb | Iamb | 06 02 55.0 | |
| S53A | Williamson | 23.95 | 75 | P | P | 06 02 50.5 | -2.1 |
| R53A | Hurricane | 24.07 | 73 | P | P | 06 02 52.3 | -1.3 |
| R53A | Hurricane | 24.07 | 73 | Iamb | Iamb | 06 03 00.6 | |
| X54A | Belton | 24.09 | 83 | P | P | 06 02 53.8 | -0.1 |
| W54A | Cherokee Point | 24.16 | 81 | P | P | 06 02 53.2 | -1.3 |
| O52A | Adamsville | 24.17 | 69 | P | P | 06 02 54.5 | -0.1 |
| O52A | Adamsville | 24.17 | 69 | Iamb | Iamb | 06 03 06.4 | |
| V54A | Nebo | 24.26 | 80 | P | P | 06 02 54.9 | -0.5 |
| U54A | Nelsons Funny | 24.28 | 78 | P | P | 06 02 52.7 | -3.0 |
| Q53A | Leroy | 24.39 | 72 | P | P | 06 02 57.3 | +0.7 |
| T54A | Tazewell | 24.43 | 76 | P | P | 06 02 54.5 | -2.6 |
| Z55A | Hazelhurst | 24.57 | 89 | Iamb | Iamb | 06 03 02.2 | |
| S54A | Dingess, Beck | 24.59 | 75 | P | P | 06 02 58.3 | -0.2 |
| Y55A | Saluda | 24.62 | 84 | P | P | 06 02 56.3 | -2.4 |
| O53A | New Philadelph | 24.66 | 69 | P | P | 06 02 59.7 | +0.7 |
| O53A | New Philadelph | 24.66 | 69 | Iamb | Iamb | 06 03 02.5 | |
| X55A | Gracelyn & Ava | 24.70 | 83 | P | P | 06 02 55.9 | -3.6 |
| R54A | Victor | 24.83 | 74 | P | P | 06 03 01.2 | +0.6 |
| V55A | Taylorville | 24.84 | 79 | P | P | 06 03 00.2 | -0.5 |
| V55A | Taylorville | 24.84 | 79 | P | P | 06 02 59.7 | -1.0 |
| V55A | Taylorville | 24.84 | 79 | Iamb | Iamb | 06 03 03.9 | |
| KM5C | Kings Mountain | 24.84 | 81 | P | P | 06 02 59.4 | -1.3 |
| KM5C | Kings Mountain | 24.84 | 81 | P | P | 06 03 00.4 | -0.3 |
| KM5C | Kings Mountain | 24.84 | 81 | Iamb | Iamb | 06 03 03.5 | |
| U55A | TA2, Sparta | 24.90 | 78 | P | P | 06 03 01.4 | +0.1 |
| Q54A | Coxs Mills | 24.93 | 72 | P | P | 06 03 01.8 | +0.3 |
| Q54A | Coxs Mills | 24.93 | 72 | P | P | 06 03 01.8 | +0.3 |
| Q54A | Coxs Mills | 24.93 | 72 | Iamb | Iamb | 06 03 05.0 | |
| J5C | Jenkinsville | 25.04 | 83 | P | P | 06 03 01.9 | -0.7 |
| T55A | Pulaski | 25.05 | 76 | P | P | 06 03 01.8 | -0.9 |
| M53A | WI Miller and | 25.13 | 66 | P | P | 06 03 04.8 | +1.5 |
| Z56A | Williston | 25.14 | 85 | P | P | 06 03 02.2 | -1.2 |
| X56A | White Oak | 25.19 | 82 | P | P | 06 03 03.6 | -0.2 |
| S55A | Lewisburg | 25.23 | 75 | P | P | 06 03 07.3 | -0.5 |
| BLA | Blacksburg | 25.34 | 76 | P | P | 06 03 05.1 | -0.1 |
| BLA | Blacksburg | 25.34 | 76 | P | P | 06 03 05.8 | +0.6 |
| BLA | Blacksburg | 25.34 | 76 | Iamb | Iamb | 06 03 08.3 | |
| V56A | Mocksville | 25.42 | 79 | P | P | 06 03 05.3 | -0.7 |
| U56A | Kim | 25.45 | 78 | P | P | 06 03 05.9 | -0.3 |
| W56A | Indian Trail | 25.45 | 81 | P | P | 06 03 05.8 | -0.4 |
| Q55A | Buckhannon | 25.52 | 72 | P | P | 06 03 06.3 | -0.5 |
| Q55A | Buckhannon | 25.52 | 72 | P | P | 06 03 07.9 | +0.4 |
| N54A | Moraine State | 25.62 | 67 | P | P | 06 03 08.0 | +0.3 |
| N54A | Moraine State | 25.62 | 67 | Iamb | Iamb | 06 03 26.6 | |
| BIRD | Birdtown, Kers | 25.63 | 82 | P | P | 06 03 05.8 | -2.0 |
| BIRD | Birdtown, Kers | 25.63 | 82 | Iamb | Iamb | 06 03 10.0 | |
| T56A | Rocky Mt | 25.66 | 76 | P | P | 06 03 08.8 | +0.7 |
| Z57A | Bowman | 25.69 | 85 | P | P | 06 03 08.4 | 0.0 |
| Y57A | Sumter | 25.80 | 83 | P | P | 06 03 09.3 | -0.1 |
| Y57A | Sumter | 25.80 | 83 | Iamb | Iamb | 06 03 13.6 | |
| M54A | Oil Creek Stat | 25.90 | 66 | P | P | 06 03 09.0 | -1.3 |
| W57A | Gilead | 25.92 | 81 | P | P | 06 03 10.8 | +0.3 |
| W57A | Gilead | 25.92 | 81 | Iamb | Iamb | 06 03 29.8 | |
| X57A | Johnson Farm, | 25.96 | 82 | P | P | 06 03 07.6 | -3.2 |
| S56A | Natural Bridge | 25.98 | 75 | P | P | 06 03 09.3 | -1.7 |
| R56A | Bull Pasture M | 26.06 | 73 | P | P | 06 03 11.3 | -0.6 |
| 158A | Hollywood | 26.24 | 86 | P | P | 06 03 12.9 | -0.4 |
| U57A | Blanch | 26.28 | 77 | P | P | 06 03 14.4 | +0.7 |
| T57A | Hurt | 26.28 | 76 | P | P | 06 03 13.7 | -0.1 |
| T57A | Hurt | 26.28 | 76 | Iamb | Iamb | 06 03 17.6 | |
| DLBC | Dease Lake | 26.36 | 338 | P | P | 06 03 16.1 | +1.8 |
| DLBC | Dease Lake | 26.36 | 338 | LR | LR | 06 14 30.2 | |
| DLBC | Dease Lake | 26.36 | 338 | P | P | 06 03 16.5 | +2.1 |
| DLBC | Dease Lake | 26.36 | 338 | Iamb | Iamb | 06 03 20.0 | |
| Z58A | St. Stephen | 26.41 | 85 | P | P | 06 03 14.5 | -0.5 |
| FCC | Fort Churchill | 26.44 | 21 | P | P | 06 03 15.1 | +0.1 |
| S57A | Dark Hollow, R | 26.46 | 74 | P | P | 06 03 16.0 | +0.7 |
| X58A | Rowland | 26.55 | 82 | P | P | 06 03 17.8 | +1.6 |
| X58A | Rowland | 26.55 | 82 | Iamb | Iamb | 06 03 18.5 | |
| W58A | Raeoford | 26.56 | 81 | P | P | 06 03 15.8 | -0.5 |
| SAD0 | Sadowa | 26.67 | 59 | Lg | Lg | 06 11 33.0 | |
| SAD0 | Sadowa | 26.67 | 5 | | | | |

NEIC 01 07:53:44.2.2.2.34.98N.0.02:11.76W.0.04, h5km, 2km, ML3.2/72, Error ellipse: s-maj=5.3km s-min=3.9km az=83.0

ICC 01 07:53:46.0.1.5.35:1N.111.81W, h0km, mb1 2.9/3, mb1mx2.9/36, mbtmp2.4/3, ML3.1/3, Error ellipse: s-maj=25.1km s-min=15.9km az=57.0

ISC 01 07:53:43.2.0.9.34.93N.0.05:111.75W.0.04, h10km, n38, s157/41, Eastern Arizona

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like X16A, Y14A, W18A, etc. with their respective coordinates and seismic data.

JMA 01 08:27:36.9, 34.92N, 137.37E, h37km, M2.6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JSSY, JAA, TK04, etc. with their respective coordinates and seismic data.

DJA 01 08:47:51.0.1.0.8.11N.6.12E, h246km, 5km, M3.6/6, MLV3.6/6

ICC 01 08:47:56.4.5.0.1, 103N, 124.21E, h330km, 58km, mb3.4/6, mb1 3.5/7, mb1mx3.1/30, mbtmp4.0/7, Error ellipse: s-maj=48.6km s-min=13.9km az=71.0

ISC 01 08:47:49.5.0.8.0.93N.0.08:124.07E.0.06, h250km, n15, s148/21, mb3.6/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KMSI, GTOI, MRSI, etc. with their respective coordinates and seismic data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TINTI, SANI, TTSI, etc. with their respective coordinates and seismic data.

ICC 01 09:38:25.5.1.5.69S.152.52E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/34, mbtmp3.9/5, ML1.8/1, MS2.9/1, Ms1 2.9/1, ms1mx2.5/32, Error ellipse: s-maj=39.6km s-min=17.9km az=57.0

ISC 01 09:38:31.5.1.6.566S.0.09:152.4E.0.2, h40km, n8, s087/9, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KRVT, PMG, WRA, etc. with their respective coordinates and seismic data.

ICC 01 09:52:07.4.1.8.2.04N.126.60E, h0km, mb3.6/4, mb1 3.0/4, mb1mx3.5/43, mbtmp3.7/4, Error ellipse: s-maj=119.6km s-min=21.6km az=68.0

DJA 01 09:52:14.7.0.3.2N.3.12E, h53km, 10km, M3.9/9, mb6.6/1, mb4.0/2, MLV3.9/9, Mw(mb)6.4/1

ISC 01 09:52:13.0.1.1.2.20N.0.08:126.77E.0.10, h50km, n12, s152/13, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TINTI, SANGI, KMSI, etc. with their respective coordinates and seismic data.

ICC 01 10:25:14.8.1.3.21.73S.131.16E, h0km, mb4.1/3, mb1 4.1/8, mb1mx3.9/35, mbtmp4.1/8, ML3.8/5, Error ellipse: s-maj=25.8km s-min=6.3km az=4.0

AUST 01 10:25:15.1.0.6.21.72S.131.30E, h10km, Error ellipse: s-maj=17.2km s-min=6.8km az=116.0

NEIC 01 10:25:16.1.3.0.21.65S.0.05:131.17E.0.07, h10km, 1km, mb4.5/3, Error ellipse: s-maj=12.8km s-min=4.6km az=231.0

ISC 01 10:25:15.0.0.6.21.70S.0.05:131.16E.0.04, h10km, n51, s231/64, mb4.2/3, Northern Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AS31, ASAR, ASAR, etc. with their respective coordinates and seismic data.

ICC 01 10:44:49.5.2.0.19.2S.0.1:172.88W.0.07, h23km, 6km, mb4.6/19, Error ellipse: s-maj=15.1km s-min=9.9km az=181.0

ICC 01 10:44:49.4.0.9.19.06S.173.39W, h0km, mb4.2/11, mb1 4.5/12, mb1mx4.3/29, mbtmp4.3/12, ML4.4/1, MS3.9/4, mb1 3.9/4, ms1mx3.2/40, Error ellipse: s-maj=41.9km s-min=17.3km az=146.0

ISC 01 10:44:50.0.0.7.19.2S.0.1:173.3W.0.1, h10km, n48, s181/40, mb4.5/20, MS3.7/4, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIUE, AFI, AFI, etc. with their respective coordinates and seismic data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LCRK, BBOO, BBOO, etc. with their respective coordinates and seismic data.

ECGS 01 10:36:21.0.1.14S.0.02:29.37E.0.02, h0km, 3km, ML2.5, Error ellipse: s-maj=3.9km s-min=1.8km az=41.5

sm1loc/usb7a47-eb7f-431a-9205-79279ad5a4a4 Note: NonLin/Latitude/Latitude errors are calculated from covariance matrix as 1D marginal (Lon/Lat errors as great circle degrees) while OriginUncertainty/min/max horizontal errors are calculated from 2D error ellipsoid and are therefore seemingly higher compared to 1D errors. Error estimates can be reconstructed from the following original NonLinLoc error statistics line:STATISTICS ExpectX 43.0408 Y 41.249 Z 2.58293 CovXX 3.69336 XY 2.6651 XZ 1.27406 YX 4.3548 YZ 2.26376 ZZ 11.6172 ELIAZ2 133.07 Dip 1.341436 Len1 2.14719 AZZ 224.505 Dip2 122.7665 Len2 4.46222 Len3 6.700117e+00

ISC 01 10:36:19.7.1.3.110S.0.06:29.42E.0.06, h10km, n9, s081/11, 1D, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RGB, RUM, KTSB, etc. with their respective coordinates and seismic data.

NEIC 01 10:44:49.5.2.0.19.2S.0.1:172.88W.0.07, h23km, 6km, mb4.6/19, Error ellipse: s-maj=15.1km s-min=9.9km az=181.0

ICC 01 10:44:49.4.0.9.19.06S.173.39W, h0km, mb4.2/11, mb1 4.5/12, mb1mx4.3/29, mbtmp4.3/12, ML4.4/1, MS3.9/4, mb1 3.9/4, ms1mx3.2/40, Error ellipse: s-maj=41.9km s-min=17.3km az=146.0

ISC 01 10:44:50.0.0.7.19.2S.0.1:173.3W.0.1, h10km, n48, s181/40, mb4.5/20, MS3.7/4, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like NIUE, AFI, AFI, etc. with their respective coordinates and seismic data.

Table with columns: SVE, SVERDLOVSK, 72.51 328 eP, P, 11 17 54.4 -0.4, etc. Lists various stations and their coordinates.

Table with columns: K27K, Chicken, 85.70 26 P, P, 11 19 08.2 +1.5, etc. Lists various stations and their coordinates.

Table with columns: TIC, Toumodi, 130.34 283 ePKIKP, PKPdf, 11 25 38.4 -0.9, etc. Lists various stations and their coordinates.

TEH 01 11:25:13.7, 39.43N-51.57E, h30km, ML3.5
AZER 01 11:25:16.9, 39.51N-51.26E, h30km, ML3.3
NINC 01 11:25:16.7, 1.5, 40.04N-52.44E, h0km, mb3.9, Error

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

GMCT 01 11:25:37.0, 0.2, 35.35S, 0.01, 15.44W, 0.01, h21km, 1km,
MW5, 2135, Moment tensor: s67, c85;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: JTM, Tenmabayashi, 1.00, 11, P, Pn, 11 26 30.3 +0.2, etc.

Table with columns: ORD, Ordubad, 4.46, 263, ePn, Pn, 11 32 11.5 -0.4, etc.

Table with columns: YKA, Yellowknife Arr, 77.64, 354, P, P, 11 42 09.2 +1.0, etc.

IDC 01 11:30:11.0e.1.1, 39.54N-51.55E, h0km, mb3.9/10, mb1 4.0/17, mb1mx3.8/54, mbtmp3.9/17, ML3.8/7, MS3.4/4, Ms1 3.4/4, ms1mx2.8/39, Error ellipse: s-maj=21.2km s-min=13.2km az=160.0

QZK Qazax, Azerbai 5.03 289 Pn Sn 11 32 25.9 +0.2 QZK Qazax, Azerbai 5.03 289 Pn Sn 11 32 25.9 +0.2

IDC 01 11:40:24.8e.1.4, 3.50S: 149.64E, h0km, mb4.0/4, mb1 4.1/6, mb1mx3.7/29, mbtmp3.9/6, ML1.2/1, MS3.5/10, Ms1 3.5/10, ms1mx3.3/29, Error ellipse: s-maj=32.6km s-min=20.9km az=149.0

AZER 01 11:30:15.6, 39.42N-51.54E, h34km, ML3.9 TEH 01 11:30:15.6, 39.44N-51.58E, h30km, ML3.8 MOS 01 11:30:16.5e.1.1, 39.87N-51.64E, h35km, mb4.1/4, Error ellipse: s-maj=9.2km s-min=6.7km az=126.8

GEYT 1.5nm, 0.3s, baz=22, slow=14, SNR=12 Pn Sn 11 32 31.2 -1.4 ALIBECK ARRAY 5.31 106 Pn Sn 11 31 32.3 +0.7

IDC 01 11:40:25.9e.1.4, 3.55S: 0.07E, h10km, n15, e161f18, mb3.8/4, MS3.5/7, Bismarck Sea

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like GALA, NDR, GBS, LKRN, etc.

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like ORD, ANAR, GDB, etc.

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like YKA, PDAR, IDC, etc.

GCMT 01 11:42:18.0e.0.3, 35.33S: 0.03E, 15.45W, h29km, 1km, MW5.0/81, Moment Tensor Solution. s10, c10; s81, c91; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr1.04E-26; Mθθ-3.61E-25; Mφφ-5.7E-25; Mrr-0.05E-28; Mθθ-2.63E-12; Mφφ-0.43E-26; Best double couple: Mxx0.090000x10^16 NPT: 0.000000, 383.000000, 45.000000; NPZ: 0.33500000; 885.000000; 173.000000; Principal axes: 1.35960, Plg9.0000; Azm290.0000; N 0.9890, Plg81.0000; Azm123.0000; P -4.5840, Plg2.0000; Azm20.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Tristan da Cunha region

IDC 01 12:02:16.3e.6.6, 38.10S: 179.50W, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.9/31, mbtmp4.0/6, ML3.8/2, MS3.3/2, Ms1 3.2/6, ms1mx2.9/28, Error ellipse: s-maj=15.8km s-min=6.1km az=116.0

WEL 01 12:02:23.0, 38.5S: 13.18E, h1.8e, h27km, 31km, M3.8/7, ML4.1/7, MLV3.8/7, Error ellipse: s-maj=0.0km s-min=0.0km az=64.7

IDC 01 12:02:23.4e.2.0, 37.91S: 0.05E: 179.78E, h17km, 10km, n120, e137/136, mb4.0/4, Off east coast of North Island

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like WMGZ, PKGZ, etc.

2014 DEC

1d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RRRZ, NMHZ, OMRZ, HLRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APSI, TTST, MPTI, LUWI, etc.

BGR 01 12:52:34.4-0.0, 65.05N-17.04W, h22km, mb5.6, mB B5.8, Ms4.6. NAO 01 12:52:34.9-5.5, 64.38N-17.15W, ML5.5. NEIC 01 12:52:35.1-2.9, 64.53N-17.6W, 0.1, h6km, 4km.

WEL 01 12:22:14.3, 38°S, 22°18'01.9, h51km, 1km, M3.5/22, ML3.8/22, MLV3.5/22, Error ellipse: s-maj=0.0km

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

WEL 01 12:36:05.0-0.7, 33°S, 5°17'9W, h33km, M4.2/13, mB5.0/3, ML4.4/13, MLV4.2/13, Mw(mB)4.3/3, Error ellipse: s-maj=0.0km

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

Code Station Name Az Az' Phase ID Time Res. Includes stations like IHAM, IVON, etc.

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

IDC 01 12:34:44.5-1.2, 1.52S, 120.81E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.6/38, mbtmp3.6/6, ML3.5/1, MS3.3/3, Ms1 3.3/3, ms1mx2.8/35, Error ellipse: s-maj=50.2km

REY 01 12:52:30.7, 64°62'N, 17°43'W, h4km. BUI 01 12:52:31.8-0.0, 64.44N-17.75W, h7km, mB5.3/33, mb4.8/40, Ms4.4/32, Ms7.5/132.

SCO Scoresbysund 6.25 346 i S Pn 12 54 07.1 -2.3. SCO Scoresbysund 6.25 346 i S Pn 12 54 05.9 -1.7.

| | | | | | | |
|-------|-------------------------------------------------------------|-----------|---------|---------|------------|------|
| W18A | baz=29 Petrified Fore | 59.84 289 | P | P | 13 02 41.4 | 0.0 |
| W18A | baz=30 Petrified Fore | 59.84 289 | P | IAMB | 13 02 40.5 | -0.8 |
| ULN | comp=Z,9.2nm,0.9s Ulanbaatar | 59.93 40 | P | P | 13 02 39.7 | -2.0 |
| ULN | comp=Z,13nm,1.2s Ulanbaatar | 59.93 40 | P | P | 13 02 39.6 | -2.0 |
| PRN | comp=Z,13nm,1.2s Pahroc Range | 60.00 294 | P | IAMB | 13 02 43.4 | +1.1 |
| WDC | comp=Z,24nm,1.4s Whiskeytown Da | 60.09 302 | IAMS_20 | IAMS_20 | 13 28 38.7 | |
| VCNR | comp=Z,1um,19.0s Virginia City | 60.14 299 | P | P | 13 02 44.0 | +0.7 |
| WUAZ | baz=30,SNR=23 Wupatki | 60.16 290 | P | P | 13 02 43.0 | -0.5 |
| WUAZ | comp=Z,769nm,19.0s Wupatki | 60.29 298 | P | P | 13 02 43.8 | -0.5 |
| RYN | comp=Z,1.2nm,0.8s,ba=42,slow=5.4,SNR=9.5 Ryan | 60.38 297 | P | P | 13 02 45.5 | +0.5 |
| NVAR | comp=Z,4um,18.3s,ba=26,slow=36 Mina Array Bea | 60.50 73 | P | P | 13 02 43.2 | -1.8 |
| NVAR | comp=Z,33nm,1.2s Niore | 60.50 73 | P | P | 13 02 47.3 | +1.6 |
| NIL | comp=Z,700nm,19.0s Niore | 60.50 73 | P | P | 13 02 47.3 | +1.6 |
| ORV | comp=Z,743nm,19.0s Oroville | 60.61 301 | P | P | 13 02 49.0 | +2.7 |
| ORV | comp=Z,10.0nm,1.4s Oroville | 60.61 301 | P | P | 13 02 49.0 | +2.7 |
| ORV | comp=Z,3um,18.0s Oroville | 60.61 301 | P | P | 13 02 49.0 | +2.7 |
| LHV | comp=Z,20nm,1.3s Little Huntoon | 60.61 297 | P | P | 13 02 47.1 | +0.9 |
| SHPR | comp=Z,21nm,1.2s Sheep Range | 60.83 294 | P | P | 13 02 48.6 | +0.6 |
| TPNV | comp=Z,29nm,5.2 Topopah Spring | 60.87 295 | P | P | 13 02 47.7 | -0.6 |
| TPNV | comp=Z,15nm,1.2s Topopah Spring | 60.87 295 | P | P | 13 02 49.3 | +1.0 |
| TPNV | comp=Z,2um,18.0s Topopah Spring | 60.87 295 | P | P | 13 02 49.2 | +1.0 |
| TPNV | comp=Z,15nm,1.1s Cornudas Mount | 60.98 283 | P | P | 13 02 48.5 | -0.5 |
| MNTX | comp=Z,15nm,1.2s Cornudas Mount | 60.98 283 | P | P | 13 02 48.7 | -0.3 |
| MNTX | comp=Z,1um,18.0s Cooks Peak, D | 61.27 286 | P | P | 13 02 51.6 | +0.5 |
| OMMB | comp=Z,17nm,1.3s Old Mammoth Mi | 61.36 298 | IAMB | IAMB | 13 02 59.4 | |
| 833A | comp=Z,17nm,1.3s Chaparral WMA, | 61.36 276 | P | P | 13 02 51.3 | -0.2 |
| 833A | comp=Z,15nm,1.2s Chaparral WMA, | 61.36 276 | P | P | 13 02 51.8 | +0.3 |
| MDPB | comp=Z,15nm,1.2s Devils Postpil | 61.37 298 | P | P | 13 02 52.9 | +1.0 |
| KVXT | comp=Z,1um,19.0s Kingsville | 61.39 274 | IAMS_20 | IAMS_20 | 13 31 31.0 | |
| EPT | comp=Z,1um,22.0s El Paso | 61.40 284 | IAMS_20 | IAMS_20 | 13 28 14.8 | |
| FURC | comp=Z,1um,22.0s Furna Creek, | 61.53 295 | P | P | 13 02 51.8 | -0.7 |
| W13A | comp=Z,1um,22.0s Hualapai Mount | 61.54 292 | P | P | 13 02 52.9 | -0.3 |
| SHOC | comp=Z,1um,22.0s Shoshone, Teco | 61.79 294 | P | P | 13 02 55.6 | -0.6 |
| CWC | comp=Z,1um,22.0s Cottonwood Cre | 62.03 296 | P | P | 13 02 55.9 | -1.0 |
| MPMC | comp=Z,1um,22.0s Manual Prospec | 62.31 295 | P | P | 13 02 57.1 | -1.0 |
| TX31 | comp=Z,1um,22.0s Lajitas Ar, Si | 62.31 280 | P | P | 13 02 56.9 | -1.1 |
| TX32 | comp=Z,1um,22.0s Lajitas Array | 62.31 280 | P | P | 13 02 56.6 | -1.4 |
| TXAR | comp=Z,1um,22.0s Lajitas Array | 62.31 280 | P | P | 13 02 56.6 | -1.4 |
| TXAR | comp=Z,1um,19.6s,ba=0.0,slow=35 Parker Dam,Lak | 62.34 292 | P | P | 13 02 58.0 | 0.0 |
| PDMC1 | comp=Z,1um,19.6s,ba=0.0,slow=35 Granite Mounta | 62.52 293 | P | P | 13 02 59.3 | -0.2 |
| GSC | comp=Z,1um,19.6s,ba=0.0,slow=35 Goldstone, Bar | 62.52 295 | P | P | 13 02 58.6 | -0.8 |
| GSC | comp=Z,1um,19.6s,ba=0.0,slow=35 Goldstone, Bar | 62.52 295 | P | P | 13 03 00.6 | +1.2 |
| GSC | comp=Z,17nm,1.5s Goldstone, Bar | 62.52 295 | P | P | 13 03 00.6 | +1.2 |
| PETK | comp=Z,17nm,1.4s Petropavlovsk- | 62.67 3 | LR | LR | 13 29 36.5 | |
| TUC | comp=Z,368nm,20.4s,ba=1.1,slow=36 Tucson | 62.71 288 | P | P | 13 03 00.4 | -0.2 |
| TUC | comp=Z,368nm,20.4s,ba=1.1,slow=36 Tucson | 62.71 288 | P | P | 13 03 00.8 | +0.2 |
| TUC | comp=Z,20nm,1.3s Tucson | 62.71 288 | P | P | 13 03 00.8 | +0.2 |
| TUC | comp=Z,20nm,1.3s Tucson | 62.71 288 | IAMS_20 | IAMS_20 | 13 29 10.4 | |
| TUC | comp=Z,846nm,18.0s Tucson | 62.78 3 | eP | S | 13 03 07.9 | +3.7 |
| PET | comp=Z,846nm,18.0s Tucson | 62.78 3 | eS | SS | 13 11 30.7 | +0.8 |
| PET | comp=Z,846nm,18.0s Tucson | 62.78 3 | eS | SS | 13 15 40.2 | +6.8 |
| IRM | comp=Z,700nm,18.0s Iron Mountain | 62.87 293 | P | P | 13 03 00.8 | -0.8 |
| 319A | comp=Z,700nm,18.0s Douglas | 62.90 286 | P | P | 13 03 01.8 | -0.2 |
| BELC | comp=Z,700nm,18.0s Belle Mtn, Jos | 63.34 293 | P | P | 13 03 04.7 | -0.3 |
| EDW2 | comp=Z,700nm,18.0s Edwards Air Fo | 63.36 295 | P | P | 13 03 03.8 | -1.1 |
| PCRV | comp=Z,7.2nm,0.7s,ba=14,slow=7.9,SNR=2.6 Puerto La Cruz | 63.37 234 | P | P | 13 03 06.2 | +1.1 |
| BC3 | comp=Z,7.2nm,0.7s,ba=14,slow=7.9,SNR=2.6 Big Chucckawall | 63.43 293 | P | P | 13 03 05.1 | -0.4 |
| TEIG | comp=Z,987nm,21.0s Tepich | 63.66 262 | IAMS_20 | IAMS_20 | 13 29 32.7 | |
| GLA | comp=Z,987nm,21.0s Glamis | 63.70 292 | P | P | 13 03 08.4 | +1.2 |
| GLA | comp=Z,987nm,21.0s Glamis | 63.70 292 | P | P | 13 03 06.7 | -0.5 |
| GLA | comp=Z,37nm,1.4s Glamis | 63.70 292 | P | P | 13 03 06.7 | -0.5 |
| 214A | comp=Z,37nm,1.4s Organ Pipe Nat | 63.85 289 | P | P | 13 03 08.9 | +0.8 |
| 214A | comp=Z,37nm,1.4s Organ Pipe Nat | 63.85 289 | P | P | 13 03 07.8 | -0.4 |
| PFO | comp=Z,37nm,1.4s Pinyon Flats O | 63.87 293 | eP | P | 13 03 08.8 | +0.5 |
| PFO | comp=Z,37nm,1.4s Pinyon Flats O | 63.87 293 | eP | P | 13 03 09.3 | +0.9 |
| PFO | comp=Z,4.0nm,1.0s Pinyon Flats O | 63.87 293 | P | P | 13 03 10.0 | +1.6 |
| TPFO | comp=Z,16nm,1.5s Pino Flats | 63.87 293 | P | P | 13 03 09.2 | +0.8 |
| PKM | comp=Z,16nm,1.5s Mppherson Peak | 64.06 297 | P | P | 13 03 08.9 | -0.8 |
| MURC | comp=Z,16nm,1.5s Murrrieta | 64.17 294 | P | P | 13 03 09.9 | -0.3 |
| SWSC | comp=Z,16nm,1.5s Sam W. Stewart | 64.19 292 | P | P | 13 03 11.3 | +1.0 |
| MDP | comp=Z,11nm,0.9s,ba=27,slow=18,SNR=3.2 Montagnes des | 64.39 219 | P | P | 13 03 10.9 | -0.8 |

| | | | | | | |
|-------|-------------------------------------|-----------|-----|---|------------|------|
| MONP2 | comp=Z,6.0nm,1.2s Monument Peak | 64.48 293 | P | P | 13 03 11.1 | -1.5 |
| IKP | comp=Z,6.0nm,1.2s In-Ko-Pah, Jac | 64.57 293 | P | P | 13 03 12.6 | -0.3 |
| RMX | comp=Z,6.0nm,1.2s Rumorosa | 64.60 292 | P | P | 13 03 15.1 | +1.9 |
| BAR | comp=Z,6.0nm,1.2s Barrett | 64.77 293 | P | P | 13 03 14.2 | 0.0 |
| BAR | comp=Z,2.2nm,1.4s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,2.2nm,1.4s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,2.2nm,1.4s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,2.2nm,1.4s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,2.2nm,1.4s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 05.9 | +2.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 12 14.4 | +8.7 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 19.3 | +0.6 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 24.4 | +4.2 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P | P | 13 03 26.9 | +7.1 |
| GTA | comp=Z,6.0nm,1.2s Gaotai | 65.41 49 | P</ | | | |

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like CM32 Chiang Mai Arr, CM32 Chiang Mai, NHTO Chiang Mai, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like B06A Marblemount, GLI Glacier Island, HLID Halley, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like RLMT Red Lodge, K27K Chicken, KUU Kurly, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AWAZ, WAZ, OHWZ, etc.

KRSC 01 14:22:28.5:0.7, 52°52'N-158°37'E, h123km, 5km, ML3.7
IDC 01 14:22:29.5:2.7, 52°45'N-157°03'E, h121km, 9km, mb3.2/7,
mb1 3.6/7, mb1mx3.2/5.4, mbtmp3.6/7, Error ellipse:
s-maj=59.5km s-min=20.9km az=5.0

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like APC, UGLR, UGLR, etc.

MEX 01 14:22:38.8:0.3, 31°16'N-115°16'W, h15km, MD3.4
ECX 01 14:22:38.8:0.7, 31°20'N-115°59'W, h5km, 2km, MD2.0

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

IDC 01 14:26:34.7:1.6, 32°6'S-135°52'E, h0km, mb3.4/2,
mb1 3.9/13, mb1mx3.4/30, mbtmp3.6/13, ML3.2/3, Error
ellipse: s-maj=39.6km s-min=29.0km az=94.0, Irian
Jaya region

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

IDC 01 14:29:19.9:0.7, 64°35'N-177°17'W, h0km, mb3.6/10,
mb1 3.9/13, mb1mx3.7/40, mbtmp3.6/13, ML3.2/2, Error
ellipse: s-maj=26.7km s-min=10.3km az=19.0

NEIC 01 14:29:21.0:2.4, 64°41'N-177°09'W, h1.7km, 5km,
mb4.3/10, Error ellipse: s-maj=13.0km s-min=7.3km

REY 01 14:29:20.4, 64°61'N-177°48'W, h7km
ISC 01 14:29:20.6:0.5, 64°61'N-177°49'W, h0.02, h1km, n78,
e157/95, mb3.8/15, Iceland

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like IASK, IEIY, IEIY, etc.

MAN 01 14:37:26.8, 8.60N-125°47'E, h21km, mb4.5, ML3.4, MS3.2,
2C, Mindanao

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

1d 15h

Table with columns: MATI, PAGZ, PAGZ, DDMP, Station Name, Time, Res

KLM 01 15:09:09.0, 4.975S, 102.76E, h96km, mb4.7, NEIC 01 15:09:09.17, 4.805S, 102.00E, h86km, mb4.8, Error ellipse: s-maj=12.5km s-min=8.4km az=63.0

BUJ 01 15:09:09.0, 4.90S, 103.00E, h64km, mb5.1/23, mb4.8/36, Ms4.5/4, Ms7.4/3.5, DJA 01 15:09:10.4, 0.3, 5.3, 3.10, h42km, mb4.6/17, mb5.1/5, mb4.7/12, MLV4.6/17, Mw(mb)4.5/5, IDC 01 15:09:12.3, 3.0, 4.67S, 103.10E, h82km, mb4.2/26, mb1.4/3.27, mb1mx4.2/38, mb1mp4.5/27, MS3.1/4, Ms1.3/2.4, ms1mx2.9/42, Error ellipse: s-maj=20.8km s-min=10.1km az=56.0

ISC 01 15:00:10.0, 0.8, 4.88S, 102.99E, 0.06, h70km, 6km, n194, o157/197, mb4.8/62, 1C-1D, Southern Sumatara

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

2014 DEC

Main station list table with columns: Code, Station Name, Time, Res

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Main station list table with columns: Code, Station Name, Time, Res

IDC 01 15:34:55.1, 4.7, 95N, 114.81W, h0km, mb1.3/6.3, mb1mx3.2/40, mb1mp3.2/3, ML3.4/3.0, Error ellipse: s-maj=14.4km s-min=7.0km az=27.0

BU1 01 15:34:55.1, 4.7, 95N, 114.81W, h0km, mb1.3/6.3, ML3.5/3.0, Error ellipse: s-maj=17.1km s-min=4.3km az=173.0

ISC 01 15:13:44.2, 1.0, 48.03N, 0.05, 114.90W, 0.04, h4km, n47, o089/48, Montana

Main station list table with columns: Code, Station Name, Time, Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MAKZ, MK2, TKMZ, TKM2.

SOME 01 16:10:00.4, 43°57'N, 86°57'E, h20km
NINC 01 16:10:07.4, 3.0, 42°69'N, 86°11'E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=22.4km s-min=13.9km az=132.0

Main table for 1d 16h section, listing station codes (ZSN, MK31, MAKZ, etc.), station names, coordinates, and observation times.

TEH 01 16:29:14.5, 39°45'N, 51°57'E, h40km, ML3.2
AZER 01 16:29:15.7, 39°49'N, 51°40'E, h37km, ML3.3
NINC 01 16:29:18.8, 2.9, 39°83'N, 53°42'E, h0km, mb3.6, Error ellipse: s-maj=39.6km s-min=23.4km az=98.0

Main table for 1d 16h section, continuing with station codes (GALA, GBS, etc.), station names, coordinates, and observation times.

Main table for 2014 DEC section, listing station codes (IPRN, QRD, etc.), station names, coordinates, and observation times.

BUJ 01 16:36:53.0, 0.0, 1°39'N, 126°41'E, h35km, mb5.1/31, mb4.8/49, Ms4.6/4, Ms7.4/3/5
IDC 01 16:36:53.2, 0.4, 1.83N, 126.28E, h0km, mb4.6/26, mb1.4/6.2/7, mb1.4/5.4/1, mbtmp4.5/27, ML4.2/1, MS3.6/17, Ms1.3/6/17, ms1mx3.4/37, Error ellipse: s-maj=19.8km s-min=10.2km az=79.0

NEIC 01 16:36:57.5, 1.7, 1°90'N, 07°126°41'E, 0.06, h35km, 1km, mb4.8/67, Error ellipse: s-maj=14.0km s-min=9.2km az=215.0

KLM 01 16:36:58.0, 1°96'N, 126°64'E, h45km, mb4.8, DJA 01 16:36:59.0, 0.2, 2°12'N, 126°12'E, h49km, 3km, M4.5/28, mb4.7/28, mb4.9/7, ML4.7/13, MW(MB)4.2/7

GCMT 01 16:37:01.5, 0.4, 1°87'N, 03°126°19'E, 0.03, h34km, 1km, MW4.8/60, Moment Tensor Solution. s34.c42; s60.c83; Duration: 0 Moment tensor: Scale 1016Nm; Mr1.62z.19; Mw=1.97z.12; Mw0.34z.13; Mw0.57z.13; Mw=1.36z.12; Mw=0.9z.20; Best double couple: Ms2.34700x10^16 NP1: 216.000000, 349.000000, 46.000000. NP2: 0.930000, 857.000000, 129.000000. Principal axes: T 2.0720, Plg58.0000, Azm59.0000; P -2.6220, Plg4.0000, Azm156.0000; nst1 refers to surface waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 16:36:59.1, 0.3, 1°87'N, 04°126°43'E, 0.05, h47km, n230, s152/233, mb4.7/86, MS3.6/16, 3D, Northern Molucca Sea

Main table for 2014 DEC section, continuing with station codes (TNTI, SGSI, etc.), station names, coordinates, and observation times.

Main table for 2014 DEC section, continuing with station codes (FITZ, DELV, etc.), station names, coordinates, and observation times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, Res, Time, Res, ISC. Includes stations like Fort de Pagny, Avril sur Loir, Saint Saulge, Bois d'Angland, Toulx Ste Croix.

TAP 01 19:49:17.3,23:66N,121:46E,h34km,ML1.8,D,Taiwan

Main table of station data for TAP 01, listing stations like EGFG, EGFL, EGSH, EGSL, EGSD, EGSH, EGHW, EGHW, EGHY, EGHY, EYUL, EYUL, TWFI, TWFI, NACB, NACB, OWD, OWD, ETHL, ETHL, CHGB, CHGB, WHF, WHF, CHKT, CHKT, SSSL, SSSL, FUSS, FUSS, SMLT, SMLT, WHYT, WHYT, TWT, TWT, TDCB, TDCB, DPDB, DPDB, EDH, EDH, TYC, TYC, ENA, ENA, ALS, ALS, NNSB, NNSB, NNSH, NNSH, NNS, NNS, WHP, WHP, LONT, LONT, NDT, NDT, ENT, ENT, TTN, TTN, YHNB, YHNB.

TAP 01 19:49:23.3,22:85N,120:69E,h15km,ML2.4,A,Taiwan

Table of station data for TAP 01, listing stations like Sandimen, Luugu, Luugu, Majia, Majia, Cishan, Cishan, Jiouru, Jiouru, Mashibuluo, Mashibuluo.

Main table of station data for 2014 DEC, listing stations like Shoushan, Jiashian, Tauiyuan, Kaohsiung City, Tainan City, Longtian, Taiping, Hsinying, Lidau, Fongliu, Anshou, Donhe, Donghe, Yijhu, Shizi, Yijhu, Fuli, Fuli, Alishan, Chengkung, Chiayi, Minshiang, Puzi, Tsauling, Yuli, Yuli, Gukung, Hengchun, Douliu, Xinyi Township, Xinyi Township, Hungye, Tuku, Tuku.

Table of station data for WSF, listing stations like Sshu, Ruisui, Suanglung, Zhushan, Mingjian, Sun Moon Lake, Yuchir, Yuchir, Guangfu, Shilin, Renai, Peng-yu, Renai, Taichung City, Tech, Tech.

REY 01 19:55:26.9,64:67N,17:45W,h4km

NEIC 01 19:55:27.9,1.9,64:55N,0:09,17:9W,0.2,h10km,1km, mb4.6/12, Error ellipse: s-maj=16.9km s-min=11.7km

IDC 01 19:55:27.4,1.1,64:56N,17:65W,h0km,mb3.6/7, mb1.3/9/8,mb1mx3.6/48,mbtmp3.7/8,ML3.9/1,MS3.1/8, Ms1.3/1/8,ms1mx2.8/42, Error ellipse: s-maj=36.4km s-min=11.9km az=8.0

ISC 01 19:55:27.0,0.5,64:68N,0:02,17:46W,0.02,h10km,n80, @190/92,mb4.0/12,MS2.9/7,Iceland

Main table of station data for REY 01, listing stations like Dyngjuhals, Vonarskard, Urdarhals, Hamarinn, Husbondi, Skrokkaalda, Vottur, Kreppuhraun, Jokulheimar, Askja, Mokollar, Innrieyrar, Karasker, Kalfafell, V-Sauoahnukur, Vatsfell, Acoibol, Fagurholmsmyri, Hveravellir, Melhnausar, Reynihlio, Krokottuvotn, Snabyli, Grimstaour, Fedgar, Rjupnafell, Skildingahish, Mjaskard, Grjothals, Granastaour, Gyrgarholskot, Haukadalur, Lagu-Hvolar.

Table with columns: ID, Dimmadals, 1.31 10 P, Pn, 19 55 49.5 -2.5, etc. Includes stations like IHLA Hella, IHLA, IALF Alftagröf, etc.

IDC 01 20:15:52.5:2.1, 1°15'N; 125°85'E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.1/38, mbtmp3.1/3, Error ellipse: s-maj=180.9km s-min=28.4km az=65.0

TAP 01 20:17:03.9, 22°55'N, 121°26'E, h12km, 1km, ML1.5, A, Taiwan region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: EYUL Yuli, 0.40 7 eP, Pg, 20 17 10.6 -1.2, etc. Includes stations like TWFI Yuli, YULB Yu-li, etc.

TAP 01 20:17:10.5, 22°71'N, 120°86'E, h10km, ML1.2, C, Taiwan. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 01 20:18:11.3:4.1, 35°83'N; 70°65'E, h77km, 35km, mb3.4/5, mb1 3.6/10, mb1mx3.3/47, mbtmp3.1/10, Error ellipse: s-maj=35.2km s-min=25.2km az=168.0

Table with columns: GYA0B ALIBECK ARRAY, 10.17 284, Pn, 20 22 37.5 +1.3, etc. Includes stations like PYUN Piuthan, DANN Dangsing, etc.

IDC 01 20:19:40.5:9.5, 22°13'S; 175°89'W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/27, mbtmp3.7/4, Error ellipse: s-maj=263.6km s-min=91.1km az=127.0, Tonga Islands region.

IDC 01 20:30:02.5:31.0, 19°80'S; 179°36'W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/22, mbtmp3.8/4, Error ellipse: s-maj=578.8km s-min=140.6km az=86.0

WEL 01 20:31:22.9±1.2, 38°S; 10°18'0E, h33km, M3.0/15, ML3.7/13, MLv3.0/15, Error ellipse: s-maj=0.0km s-min=0.0km az=30.5, Off east coast of North Island.

1d 21h

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like M04C, I04A, I04A, etc.

IDC 01 20:36:46.4.3.2.586S.127.42E h415km, 34km, mb2.6/1, mb1 3.0/5, mbtmx2.7/38, mbtmp3.8/5, Error ellipse: s-maj=51.4km s-min=18.0km az=66.0, Banda Sea

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

AS31 Alice Springs 41.66 276 0.4nm,0.3s,baz=121.8,SNR=5.5

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

NNC 01 21:25:40.5.8.9.37.94N.72.06E, h220km, 105km, mb2.5, mpv3.6, Error ellipse: s-maj=141.1km s-min=47.1km az=37.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELK, ELK, R11A, etc.

IDC 01 20:37:42.7.99.0.56.36N.20.88E, h0km, Error ellipse: s-maj=195.8km s-min=173.2km az=81.0, Baltic Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I31KZ, etc.

NCEDC 01 21:20:36.8.3.1.41.92N.0.04.125.9W.0.1, h25km, 8km, ML3.2/16, Error ellipse: s-maj=0.0km s-min=0.0km az=166.0

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

IDC 01 21:25:57.9.1.2.2.35N.126.95E, h0km, mb3.6/7, mb1 3.8/5, mbtmx3.6/38, mbtmp3.6/7, MS2.9/2, Ms1 3.0/2, ms1mx2.5/4.9, Error ellipse: s-maj=118.7km s-min=17.6km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AML, UCH, EKS2, etc.

GCMT 01 20:42:09.0.0.4.35.30S.0.02x15.31W.0.03, h26km, 11km, MW4.9/92, Moment Tensor Solution. s11 c11, s82 e98, Duration: 0 Moment tensor: Scalr 1016Nm; Mw=2.0±.18; Mw±1.28±.16; Mw±1.08±.13; Mw±0.80±.28; Mw±2.19±.09; Mw±0.31±.21; Best double couple: Mu2.63400x1016 Np1±0.165.00000±.071.00000±.176.00000±. NP2±0.257.00000±.886.00000±.19.00000±. Principal axes: T 2.5820, Plg16.0000±, Azm123.0000±; N 0.1030, Plg71.0000±, Azm267.0000±; P -2.6870, Plg11.0000±, Azm29.0000±; nstata refers to body waves, cutoff=40s. nstaz2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Tristan da Cunha region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I31KZ, etc.

NEIC 01 21:20:36.8.2.9.41.91N.0.04.125.7W.0.1, h11km, 8km, Error ellipse: s-maj=12.5km s-min=5.4km az=80.0

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

IDC 01 21:26:04.9.1.1.2.33N.127.0E.0.16, h86km, n8, e68/8, mb3.7/5, Northern Molucca Sea

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

IDC 01 21:00:06.6.2.9.36.86S.179.52E, h0km, mb3.6/2, mb1 3.9/3, mbtmx3.7/24, mbtmp3.7/3, ML3.9/1, Error ellipse: s-maj=79.3km s-min=41.0km az=143.0

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

NEIC 01 21:20:37.4.1.0.42.05N.125.46W, ML2.9/10, Error ellipse: s-maj=10.3km s-min=5.4km az=70.0

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

IDC 01 21:26:04.9.1.1.2.33N.127.0E.0.16, h86km, n8, e68/8, mb3.7/5, Northern Molucca Sea

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

IDC 01 21:00:10.5.1.1.38.9S.18.0E±.1, h33km, M3.9/25, ML4.3/25, MLv3.9/25, Error ellipse: s-maj=0.0km s-min=0.0km az=31.8

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

NEIC 01 21:20:37.1.3.6.41.93N.0.03.125.73W.0.08, h16km, 25km, n65, e148/75, Off coast of northern California

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

IDC 01 21:34:53.5.3.9.30.52N.141.29E, h0km, mb3.6/4, mb1 3.8/5, mbtmx3.5/48, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=150.4km s-min=22.0km az=71.0

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

IDC 01 21:00:06.3.1.2.37.84S.0.07x180.00W.0.08, h21km, 7km, n93, e145/101, mb4.16, East of North Island

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

NEIC 01 21:20:37.1.3.6.41.93N.0.03.125.73W.0.08, h16km, 25km, n65, e148/75, Off coast of northern California

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

IDC 01 21:34:54.9.1.0.30.88N.0.09x142.0E.0.2, h24km, m21, e117/23, mb4.2/9, Southeast of Honshu

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

IDC 01 21:00:06.3.1.2.37.84S.0.07x180.00W.0.08, h21km, 7km, n93, e145/101, mb4.16, East of North Island

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

NEIC 01 21:20:37.1.3.6.41.93N.0.03.125.73W.0.08, h16km, 25km, n65, e148/75, Off coast of northern California

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

IDC 01 21:34:53.5.3.9.30.52N.141.29E, h0km, mb3.6/4, mb1 3.8/5, mbtmx3.5/48, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=150.4km s-min=22.0km az=71.0

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

IDC 01 21:00:06.3.1.2.37.84S.0.07x180.00W.0.08, h21km, 7km, n93, e145/101, mb4.16, East of North Island

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

NEIC 01 21:20:37.1.3.6.41.93N.0.03.125.73W.0.08, h16km, 25km, n65, e148/75, Off coast of northern California

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

IDC 01 21:34:53.5.3.9.30.52N.141.29E, h0km, mb3.6/4, mb1 3.8/5, mbtmx3.5/48, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=150.4km s-min=22.0km az=71.0

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

IDC 01 21:00:06.3.1.2.37.84S.0.07x180.00W.0.08, h21km, 7km, n93, e145/101, mb4.16, East of North Island

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

NEIC 01 21:20:37.1.3.6.41.93N.0.03.125.73W.0.08, h16km, 25km, n65, e148/75, Off coast of northern California

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

IDC 01 21:34:53.5.3.9.30.52N.141.29E, h0km, mb3.6/4, mb1 3.8/5, mbtmx3.5/48, mbtmp3.6/5, ML3.1/1, Error ellipse: s-maj=150.4km s-min=22.0km az=71.0

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

| | | | | | | | | |
|-------|-------------------------------------------|-------|-----|---------|---------|------------|------------|------|
| BOSA | Boshof | 50.54 | 230 | P | P | 22 56 25.0 | -0.8 | |
| KARP | Karpatos | 50.58 | 317 | P | P | 22 56 26.5 | +0.7 | |
| ANN | Anapath | 50.69 | 332 | eP | pmax | 22 56 27.5 | +1.1 | |
| ANN | | | | eS | pwp | 22 56 31.1 | -2.9 | |
| ANN | | | | eS | pmax | 22 56 31.1 | -2.9 | |
| ANN | comp-Z,63nm,1.1s | | | | | 22 56 31.1 | -2.9 | |
| ANN | comp-Z,648nm,15.0s | | | | | | | |
| MANT | Manisa | 51.31 | 321 | IAMS_20 | IAMS_20 | 23 18 48.6 | | |
| BRVK | Borovoye | 51.37 | 21 | eP | P | 22 56 31.2 | -0.2 | |
| BRVK | | | | | pmax | | | |
| BRVK | comp-Z,28nm,2.1s | | | | | | | |
| BRVK | comp-Z,1,1um,25.0s | | | | MLR | MLR | | |
| BRVK | Borovoye | 51.37 | 2 | P | P | 22 56 31.2 | -0.2 | |
| BRVK | Borovoye | 51.37 | 2 | P | IAMS_20 | IAMS_20 | 23 18 58.4 | |
| BRVK | comp-Z,1,1um,18.0s | | | | | | | |
| IDI | Anoyia | 52.02 | 315 | ↑P | P | 22 56 37.5 | +0.7 | |
| IDI | Anoyia | 52.02 | 315 | P | P | 22 56 37.3 | +0.5 | |
| IDI | | | | | IAMS_20 | IAMS_20 | 23 20 24.9 | |
| MPSI | Mapaga | 52.19 | 91 | P | P | 22 56 38.4 | +0.1 | |
| MPSI | comp-Z,678nm,comp-Z,520nm,0.8s | | | | | | | |
| APE | Apeiranthos | 52.50 | 317 | ↑P | P | 22 56 41.0 | +0.7 | |
| APE | Apeiranthos | 52.50 | 317 | ↑P | P | 22 56 40.5 | +0.2 | |
| APE | | | | | pmax | pmax | | |
| APE | comp-Z,54nm,1.2s | | | | MLR | MLR | | |
| BNSI | Bone | 52.69 | 97 | P | P | 22 56 47.5 | +5.5 | |
| WHN | Wuhan | 52.71 | 52 | S | P | 22 56 42.1 | +0.2 | |
| WHN | | | | | S | S | 23 04 11.7 | +2.1 |
| WHN | | | | | LR | LR | | |
| BKSI | Bulukumba | 52.79 | 98 | P | P | 22 56 43.0 | +0.3 | |
| TOLJ | Tolitoli | 52.66 | 90 | P | P | 22 56 43.5 | -1.2 | |
| TSUM | Tsumeb | 53.36 | 245 | IAMB | IAMB | 22 56 47.5 | +0.4 | |
| TSUM | | | | | IAMB | IAMB | 22 56 49.0 | |
| TSUM | comp-Z,134nm,1.6s | | | | | | | |
| TSUM | Tsumeb | 53.36 | 245 | IAMS_20 | IAMS_20 | 23 17 35.4 | | |
| BELG | Belogornoye | 53.37 | 345 | ↑P | pmax | 22 56 45.6 | -0.7 | |
| BELG | | | | | pmax | | | |
| BELG | comp-Z,11nm,1.0s | | | | MLR | MLR | | |
| BELG | comp-Z,162nm,21.0s | | | | | | | |
| ZAAO | Zalesovo Array | 54.09 | 12 | IAMB | IAMB | 22 56 56.1 | | |
| ZAAO | comp-Z,36nm,0.9s | | | | | | | |
| ZAAO | | | | | IAMS_20 | IAMS_20 | 23 20 48.4 | |
| ZALV | Zalesovo Beam | 54.09 | 12 | P | P | 22 56 50.3 | -1.2 | |
| ZALV | comp-Z,2.1nm,0.6s,baz=208,slow=7.4,SNR=52 | | | | LR | LR | 23 20 59.8 | |
| ZALV | | | | | | | | |
| ZALV | comp-Z,772nm,21.3s,baz=210,slow=37 | | | | | | | |
| ZALV | Zalesovo Beam | 54.09 | 12 | ↑P | pmax | 22 56 50.2 | -1.3 | |
| ZALV | | | | | pmax | | | |
| VRH | Voronezh | 54.10 | 340 | eP | pmax | 22 56 50.5 | -1.2 | |
| VRH | Novokhopovsk | | | | | | | |
| VRH | | | | | pmax | pmax | | |
| MRSI | Marisa | 54.23 | 91 | P | P | 22 56 52.5 | -0.8 | |
| EDFI | Ende, Flores | 54.76 | 102 | P | P | 22 56 57.8 | +0.5 | |
| EDFI | comp-Z,668nm,comp-Z,54nm,1.2s | | | | | | | |
| VORD | Divnogorie | 54.77 | 338 | eP | pmax | 22 56 55.3 | -1.2 | |
| VORD | | | | | pmax | pmax | | |
| VSR | Storozhevo | 55.02 | 338 | eP | pmax | 22 56 57.3 | -1.1 | |
| VSR | | | | | pmax | pmax | | |
| TIRR | Tirgusor | 55.05 | 326 | ↑P | P | 22 56 58.7 | 0.0 | |
| ARU | Arti | 55.20 | 354 | dP | P | 22 56 59.5 | 0.0 | |
| ARU | | | | | | 22 57 59.9 | | |
| ARU | | | | | | 22 59 01.6 | | |
| ARU | | | | | S | S | 23 04 44.1 | +1.8 |
| ARU | | | | | SS | SS | 23 03 31.1 | +4.4 |
| ARU | | | | | pmax | pmax | | |
| ARU | comp-Z,31nm,1.1s | | | | MLR | MLR | | |
| ARU | Arti | 55.20 | 354 | P | IAMB | 22 56 59.0 | -0.5 | |
| ARU | | | | | IAMB | 22 57 04.2 | | |
| TPGR | Toplog | 55.30 | 327 | ↑P | P | 22 57 00.4 | -0.2 | |
| TLBR | Topali | 55.31 | 326 | ↑P | P | 22 57 00.7 | +0.1 | |
| MORW | Morawa | 55.34 | 127 | P | P | 22 57 01.6 | +0.5 | |
| MORW | comp-Z,55,SNR=12 | | | | | | | |
| MORW | Morawa | 55.34 | 127 | P | IAMB | 22 57 01.5 | +0.4 | |
| MORW | | | | | IAMB | 22 57 02.8 | | |
| MORW | comp-Z,41nm,0.9s | | | | | | | |
| VORR | Voronezh | 55.38 | 339 | eP | pmax | 22 57 02.0 | +1.1 | |
| VORR | | | | | pmax | | | |
| SVE | Sverdlovsk | 55.39 | 355 | dP | S | 22 57 01.3 | +0.3 | |
| SVE | | | | | S | 23 04 40.9 | -4.1 | |
| SVE | | | | | pmax | pmax | | |
| SVE | comp-Z,36nm,1.5s | | | | MLR | MLR | | |
| HARR | Harsova | 55.47 | 326 | ↑P | P | 22 57 02.0 | +0.3 | |
| RZN | Rozhen | 55.56 | 322 | eP | P | 22 57 02.8 | +0.1 | |
| IHC | Hu-ho-hao-te | 55.63 | 40 | S | P | 22 57 03.4 | +0.2 | |
| IHC | | | | | S | 23 04 47.0 | -2.0 | |
| IHC | | | | | sS | sS | 23 04 54.6 | +0.2 |
| IHC | | | | | pmax | pmax | | |
| HHC | comp-Z,11nm,1.1s | | | | | | | |
| HHC | comp-Z,330nm,5.6s | | | | pmax | pmax | | |
| HHC | comp-Z,380nm,15.7s | | | | LR | LR | | |
| HHC | comp-Z,820nm,16.3s | | | | LR | LR | | |
| HHC | comp-Z,740nm,15.2s | | | | LR | LR | | |
| CFR | Caracul | 55.66 | 327 | ↑P | P | 22 57 03.3 | +0.2 | |
| PSA0 | Pilbara Seismi | 55.86 | 117 | P | IAMS_20 | 22 57 04.4 | +0.2 | |
| PSA3 | Pilbara Seismi | 55.87 | 117 | IAMS_20 | IAMS_20 | 22 57 04.4 | +0.2 | |
| MMB | Musomiste | 56.12 | 321 | eP | P | 22 57 02.3 | -4.3 | |
| LPSR | Galich'ya Gora | 56.23 | 339 | eP | pmax | 22 57 06.2 | -0.9 | |
| LPSR | | | | | pmax | pmax | | |
| PGB | Panagyurishte | 56.38 | 322 | eP | P | 22 57 07.1 | -1.3 | |
| GRER | Birad | 56.43 | 326 | ↑P | P | 22 57 09.2 | +0.6 | |
| MILM | Milestii Mici | 56.43 | 329 | ↑P | P | 22 57 08.1 | -0.5 | |
| ISTR | Balidut | 56.50 | 326 | ↑P | P | 22 57 10.1 | +0.3 | |
| BLDU | Balidut | 56.52 | 129 | P | P | 22 57 09.6 | +0.1 | |
| H01W3 | Cape Leeuwin H | 56.56 | 134 | T | T | 23 58 02.7 | | |
| H01W2 | Cape Leeuwin H | 56.56 | 134 | T | T | 23 58 03.2 | | |
| H01W1 | Cape Leeuwin H | 56.58 | 134 | T | T | 23 58 04.1 | | |
| GHRF | Gorokh | 56.62 | 327 | ↑P | P | 22 57 11.2 | +1.2 | |
| ODBI | Odobesti | 56.62 | 327 | ↑P | P | 22 57 11.2 | +1.2 | |
| BIR | Birad | 56.63 | 328 | ↑P | P | 22 57 10.5 | +0.5 | |
| BISR | Bisoca | 56.68 | 327 | ↑P | P | 22 57 11.7 | +1.3 | |
| MUN | Mundaring | 56.72 | 130 | P | P | 22 57 11.0 | +0.1 | |
| NEHR | Nethou | 56.83 | 326 | ↑P | P | 22 57 12.6 | +1.1 | |
| VRI | Vrincioaia | 56.87 | 327 | ↑P | P | 22 57 12.8 | +1.1 | |
| PLOR | Plostina | 56.90 | 327 | ↑P | P | 22 57 12.8 | +0.8 | |
| SOMM | Songino Array | 56.92 | 30 | P | P | 22 57 12.6 | +0.4 | |
| SOMM | comp-Z,7.2nm,0.8s,baz=225,slow=6.4,SNR=27 | | | | LR | LR | 23 22 12.6 | |
| SOMM | comp-Z,1,1um,18.7s,baz=228,slow=37 | | | | | | | |
| SOMM | Songino Array | 56.92 | 30 | P | P | 22 57 12.1 | -0.2 | |
| VNTS | Vinhosa | 56.99 | 322 | eP | P | 22 57 12.3 | -0.6 | |
| HUMR | Humele | 57.04 | 324 | ↑P | P | 22 57 13.2 | +0.2 | |
| MLR | Muntele Rosu | 57.07 | 326 | ↑P | P | 22 57 14.6 | +1.3 | |
| VLAD | Vladia | 57.07 | 324 | ↑P | P | 22 57 12.6 | +0.3 | |
| STIP | Stip | 57.15 | 320 | ↑P | P | 22 57 12.7 | -1.2 | |
| ZAK | Zakamensk | 57.22 | 26 | P | pmax | 22 57 14.8 | +0.5 | |
| ZAK | | | | | pmax | pmax | | |
| IAS | IASi | 57.26 | 328 | ↑P | P | 22 57 14.6 | +0.2 | |
| ULN | Ulanbaatar | 57.28 | 301 | eP | pmax | 22 57 15.9 | +1.1 | |
| ULN | | | | | pmax | pmax | | |
| ULN | comp-Z,17nm,1.4s | | | | | | | |

| | | | | | | | | |
|-------|--------------------------------------------|-------|-----|---------|---------|------------|------------|------|
| ULN | Ulanbaatar | 57.28 | 30 | P | P | 22 57 14.5 | -0.3 | |
| TESR | Tescani | 57.31 | 327 | ↑P | P | 22 57 15.4 | +0.5 | |
| SOEI | Soe | 57.42 | 103 | P | P | 22 57 29.2 | +1.3 | |
| SORM | Soroca | 57.47 | 330 | ↑P | P | 22 57 14.7 | -1.1 | |
| VOIR | Voira | 57.54 | 326 | ↑P | P | 22 57 16.4 | -0.2 | |
| DOPR | Dopca | 57.66 | 326 | ↑P | P | 22 57 17.2 | -0.2 | |
| ARR | Arges | 57.73 | 325 | ↑P | P | 22 57 17.6 | -0.4 | |
| KLBR | Kellerberrin | 57.74 | 129 | P | P | 22 57 17.6 | -0.6 | |
| KLBR | comp-Z,58,SNR=11 | | | | | | | |
| SKO | Skopje | 57.77 | 320 | ↑P | P | 22 57 17.6 | -0.7 | |
| BIZ | Bicaz | 57.87 | 327 | ↑P | P | 22 57 19.1 | +0.3 | |
| NWAO | Narogin (SRO) | 57.92 | 131 | P | P | 22 57 18.9 | -0.5 | |
| NWAO | comp-Z,57nm,1.3s | | | | pmax | pmax | | |
| NWAO | Narogin (SRO) | 57.92 | 131 | P | P | 22 57 18.2 | -1.2 | |
| NWAO | comp-Z,57nm,1.3s | | | | IAMB | IAMB | 22 57 22.7 | |
| NWAO | Narogin (SRO) | 57.92 | 131 | P | P | 22 57 18.6 | -0.8 | |
| NWAO | comp-Z,57nm,1.3s | | | | IAMB | IAMB | 22 57 22.7 | |
| NWAO | Narogin (SRO) | 57.92 | 131 | P | P | 22 57 18.6 | -0.8 | |
| NWAO | comp-Z,57nm,1.3s | | | | IAMB | IAMB | 22 57 22.7 | |
| PRAR | RASCA | 58.07 | 328 | ↑P | P | 22 57 19.9 | -0.3 | |
| RASCA | Beijing | 58.25 | 43 | S | P | 22 57 21.2 | -0.3 | |
| BJI | Beijing | 58.25 | 43 | S | S | 23 05 25.5 | +2.2 | |
| BJI | comp-Z,7.0nm,0.9s | | | | pmax | pmax | | |
| BJI | comp-Z,260nm,3.8s | | | | LR | LR | | |
| BJI | comp-Z,450nm,13.5s | | | | LR | LR | | |
| BJI | comp-Z,430nm,15.2s | | | | LR | LR | | |
| BJI | comp-Z,250nm,29.4s | | | | | | | |
| TLY | Talaya | 58.32 | 25 | eP | S | 22 57 25.9 | +4.0 | |
| TLY | | | | | eS | S | 23 05 27.0 | +3.0 |
| TLY | | | | | pmax | pmax | | |
| TLY | comp-Z,30nm,1.1s | | | | MLR | MLR | | |
| TLY | comp-Z,987nm,14.0s | | | | | | | |
| TLY | Talaya | 58.32 | 25 | IAMS_20 | IAMS_20 | 23 22 26.9 | | |
| TKGY | Rocky Gully | 58.48 | 133 | P | P | 22 57 23.8 | +0.5 | |
| TKGY | comp-Z,759nm,18.0s | | | | | | | |
| KIRV | Kirov | 58.66 | 349 | P | P | 22 57 22.6 | -1.4 | |
| KIRV | comp-Z,24nm,0.8s,baz=119,slow=3.5,SNR=10 | | | | PcP | PcP | 22 58 14.3 | +0.4 |
| KIRV | comp-Z,7.6nm,0.7s,baz=171,slow=11,SNR=4.4 | | | | | | | |
| KIRV | Kirov | 58.66 | 349 | dP | P | 22 57 23.1 | -0.9 | |
| HERR | Herculane | 58.74 | 324 | ↑P | P | 22 57 24.4 | -0.5 | |
| HERR | | | | | | | | |
| BUCAR | Bucovina Array | 58.76 | 328 | ↑P | P | 22 57 25.5 | +0.4 | |
| BUCAR | Bucovina Array | 58.76 | 328 | ↑P | P | 22 57 24.5 | -0.7 | |
| AKASG | Malin Array Be | 58.77 | 332 | P | P | 22 57 24.2 | -0.8 | |
| AKASG | comp-Z,8.3nm,0.9s,baz=129,slow=6.0,SNR=37 | | | | PcP | PcP | 22 58 14.4 | -0.2 |
| AKASG | comp-Z,3.8nm,0.7s,baz=121,slow=8.8,SNR=9.3 | | | | | | | |
| AKASG | comp-Z,1.2nm,0.6s,baz=134,slow=8.5,SNR=5.2 | | | | LR | LR | 23 25 59.6 | |
| AKASG | Malin Array Be | 58.77 | 332 | P | pmax | 22 57 23.6 | -1.4 | |
| AKASG | comp-Z,6.0nm,1.1s | | | | | | | |
| AKASG | Malin Array Be | 58.77 | 332 | P | IAMB | 22 57 25.1 | | |
| AKASG | comp-Z,2.7nm,1.1s | | | | | | | |
| BUR08 | Bucovina Ar. S | 58.79 | 328 | P | IAMB | 22 57 25.3 | 0.0 | |
| BUR08 | | | | | IAMB | 22 57 30.5 | | |
| GZR | Gura Zita | 58.81 | 324 | ↑P | P | 22 57 25.7 | +0.2 | |
| ARCR | ARCALIA | 58.91 | 327 | ↑P | P | 22 57 26.3 | +0.2 | |
| DEV | Deva | 59.02 | 325 | ↑P | P | 22 57 26.5 | -0.4 | |
| OBV | Obninsk | 59.09 | 340 | ↑P | P | 22 57 27.0 | -0.1 | |
| OBV | comp-Z,3.9nm,0.6s,baz=136,slow=13,SNR=9.1 | | | | | | | |
| OBV | | | | | | | | |

2014 DEC

Table with columns: ID, Name, RA, Dec, Az, El, Type, and other parameters. Includes entries like PVCC Panska Vega, TOC3 Torodi Arr. Sit, TOA0 Torodi Arr. Sit, etc.

Table with columns: Name, RA, Dec, Az, El, Type, and other parameters. Includes entries like ASAR Alice Springs, ASAR Noril'sk, ASAR Noril'sk, etc.

Table with columns: Name, RA, Dec, Az, El, Type, and other parameters. Includes entries like ESDC comp=Z,193nm,21.7s, etc.

| | | | | |
|------|--------------------------------------------|--------|------------|------|
| YKA | comp=Z,1.8nm,0.7s,baz=0.8,slow=2.3,SNR=18 | PKKpbc | 23 16 39.6 | -2.9 |
| CHGQ | comp=Z,0.6nm,0.8s,baz=164,slow=3.0,SNR=7.4 | PKP | 23 06 15.8 | -0.7 |
| EC61 | baz=45 | PKPpdf | 23 06 16.7 | -0.7 |
| PKME | Peaks-Kenny Pk | PKPpdf | 23 06 16.8 | -0.7 |
| D58A | baz=52 | PKPpdf | 23 06 18.5 | -0.3 |
| LS9Q | Label-sur-Quev | PKPpdf | 23 06 19.3 | -0.6 |
| L54Q | La Victoria | PKPpdf | 23 06 19.7 | -0.5 |
| I63A | Otisfield | PKPpdf | 23 06 19.9 | -0.5 |
| D56A | ZEC Mazanza, M | PKPpdf | 23 06 20.1 | -0.7 |
| E57A | Chemin Saint G | PKPpdf | 23 06 20.4 | -0.7 |
| H61A | Lyndonville | PKPpdf | 23 06 20.8 | -0.5 |
| E56A | St. Veronique | PKPpdf | 23 06 21.1 | -0.6 |
| J63A | Stratford | PKPpdf | 23 06 21.0 | -0.9 |
| H60A | Morristown | PKPpdf | 23 06 21.3 | -0.8 |
| J62A | Henniker | PKPpdf | 23 06 21.9 | -0.9 |
| H59A | Cadyville | PKPpdf | 23 06 22.4 | -0.5 |
| R63A | Dunstable | PKPpdf | 23 06 22.4 | -0.7 |
| M66A | Nantucket | PKPpdf | 23 06 22.7 | -0.5 |
| I60A | Shoreham | PKPpdf | 23 06 23.4 | -0.2 |
| G57A | Newington | PKPpdf | 23 06 23.3 | -0.2 |
| H58A | Gabriels | PKPpdf | 23 06 23.3 | -0.5 |
| LONY | Lake Ozonia | PKPpdf | 23 06 23.5 | -0.4 |
| M64A | Tiverton | PKPpdf | 23 06 23.4 | -0.8 |
| L63A | North Scituate | PKPpdf | 23 06 24.0 | -0.2 |
| FFC | Film Flin | PKPpdf | 23 06 23.5 | -0.4 |
| FFC | Film Flin | PKPpdf | 23 06 23.5 | -0.4 |
| I59A | Olmsteadville | PKPpdf | 23 06 24.1 | -0.2 |
| L61B | Northampton | PKPpdf | 23 06 24.6 | -0.1 |
| ALGO | Algonquin Park | PKPpdf | 23 06 24.7 | -0.6 |
| I58A | Old Forge | PKPpdf | 23 06 24.9 | -0.7 |
| I57A | Carthage | PKPpdf | 23 06 25.1 | -0.8 |
| K59A | Cooperstown | PKPpdf | 23 06 25.9 | -0.7 |
| L60A | Shokan | PKPpdf | 23 06 26.7 | -0.3 |
| M61A | Granite Spring | PKPpdf | 23 06 26.6 | -0.8 |
| K58A | Carlville | PKPpdf | 23 06 27.2 | -0.3 |
| L59A | Walton | PKPpdf | 23 06 27.4 | -0.3 |
| H53A | Bobcaygeon | PKPpdf | 23 06 27.6 | -0.2 |
| SADO | Sadowa | PKPpdf | 23 06 27.4 | -0.7 |
| K57A | Scipio Center | PKPpdf | 23 06 27.6 | -0.8 |
| BINY | Binghamton | PKPpdf | 23 06 28.2 | -0.3 |
| L58A | Harry Jones Me | PKPpdf | 23 06 28.6 | 0.0 |
| M59A | Waymart | PKPpdf | 23 06 28.7 | -0.2 |
| PLCA | Paso Flores | PKPpdf | 23 06 29.4 | -0.2 |
| PLCA | Paso Flores | PKPpdf | 23 06 28.7 | -0.5 |
| K56A | Middlesex | PKPpdf | 23 06 28.8 | -0.4 |
| N60A | Cedar Hill Far | PKPpdf | 23 06 28.9 | -0.5 |
| N59A | State Game Lan | PKPpdf | 23 06 30.0 | -0.1 |
| M58A | Price's Panora | PKPpdf | 23 06 30.1 | -0.1 |
| L56A | Greenwood | PKPpdf | 23 06 30.0 | -0.3 |
| O60A | Telford | PKPpdf | 23 06 30.4 | 0.0 |
| ULM | Lac du Bonnet | PKPpdf | 23 06 30.1 | -0.1 |
| ULM | State Game Lan | PKPpdf | 23 06 29.8 | -0.5 |
| ULM | Lac du Bonnet | PKPpdf | 23 06 30.9 | 0.0 |
| M57A | Sunshine Farm, | PKPpdf | 23 06 31.1 | 0.0 |
| N58A | Sunbury | PKPpdf | 23 06 31.2 | +0.1 |
| I51A | Listowel | PKPpdf | 23 06 31.2 | +0.1 |
| M56A | Emporium | PKPpdf | 23 06 31.3 | -0.5 |
| N57A | Milroy | PKPpdf | 23 06 31.7 | -0.4 |
| O58A | Lewisberry | PKPpdf | 23 06 32.0 | -0.3 |
| P59A | Jarrettsville | PKPpdf | 23 06 32.0 | -0.5 |
| SSPA | Standing Stone | PKPpdf | 23 06 32.5 | -0.1 |
| N56A | West Decatur | PKPpdf | 23 06 32.5 | -0.3 |
| ERPA | Erie | PKPpdf | 23 06 32.6 | 0.0 |
| O57A | Amberook | PKPpdf | 23 06 32.6 | -0.4 |
| M54A | Oil Creek Stat | PKPpdf | 23 06 32.3 | -1.0 |
| P58A | Pank, Wackersv | PKPpdf | 23 06 33.1 | -0.5 |
| O56A | Blue Knob Stat | PKPpdf | 23 06 33.7 | -0.2 |
| S61A | Accomac | PKPpdf | 23 06 34.0 | -0.1 |
| P57A | Homestead Farm | PKPpdf | 23 06 34.6 | -0.4 |
| N54A | Moraine State | PKPpdf | 23 06 35.4 | +0.5 |
| O58A | Fox Den Farm, | PKPpdf | 23 06 34.9 | -0.4 |
| P56A | Dayton Farm, R | PKPpdf | 23 06 35.4 | -0.5 |
| O57A | Strasburg | PKPpdf | 23 06 35.5 | +0.2 |
| A04D | Lummi Island | PKPpdf | 23 06 35.7 | -0.2 |
| ZON | Zonda | PKPpdf | 23 06 37.0 | +0.2 |
| ZON | Zonda | PKPpdf | 23 06 37.0 | +0.2 |
| R58B | Mineral | PKPpdf | 23 06 36.2 | -0.1 |
| R57A | Stanardsville | PKPpdf | 23 06 36.5 | 0.0 |
| U61A | Possum Corner | PKPpdf | 23 06 36.4 | -0.2 |
| S58A | Poland Farm, P | PKPpdf | 23 06 36.9 | 0.0 |
| T59A | Double "B" Far | PKPpdf | 23 06 37.2 | +0.1 |
| O55A | Buckhannon | PKPpdf | 23 06 37.3 | 0.0 |
| V61A | Roper | PKPpdf | 23 06 37.7 | +0.2 |
| NEW | Newport | PKPpdf | 23 06 37.9 | -0.3 |
| NEW | Newport | PKPpdf | 23 06 37.9 | -0.3 |
| S57A | Dark Hollow, R | PKPpdf | 23 06 38.1 | -0.4 |
| D03D | Eldon | PKPpdf | 23 06 38.0 | -0.2 |
| Q54A | Coxs Mills | PKPpdf | 23 06 38.2 | +0.2 |

| | | | | | | |
|------|----------------|------------|---------|---------|------------|------|
| R55A | Marlinton | 130.49 327 | P | PKIKP | 23 06 38.6 | -0.6 |
| T58A | Grand View Acr | 130.52 324 | P | PKIKP | 23 06 38.7 | -0.4 |
| EC60 | Alum Creek Sta | 130.54 330 | P | PKPpdf | 23 06 37.7 | -0.6 |
| P52A | Corning | 130.56 329 | P | PKPpdf | 23 06 38.1 | -0.2 |
| EGMT | Eagleton | 130.57 358 | P | PKPpdf | 23 06 38.4 | +0.2 |
| SAML | Samuel | 130.60 260 | PKIKP | PKPpdf | 23 06 39.0 | 0.0 |
| SAML | Samuel | 130.60 260 | IAMS_20 | IAMS_20 | 23 06 39.0 | 0.0 |
| Q53A | Leroy | 130.82 328 | P | PKPpdf | 23 06 39.8 | +0.1 |
| T57A | Hurt | 130.90 325 | P | PKPpdf | 23 06 39.0 | 0.0 |
| U58A | Oxford | 130.90 324 | P | PKIKP | 23 06 39.4 | -0.5 |
| R54A | Victor | 131.03 327 | P | PKIKP | 23 06 39.6 | -0.6 |
| S55A | Lewisburg | 131.06 326 | P | PKIKP | 23 06 39.8 | -0.5 |
| V59A | Middlesex | 131.14 323 | P | PKPpdf | 23 06 39.5 | 0.0 |
| E04D | Onitcar | 131.24 9 | P | PKPpdf | 23 06 39.5 | +0.1 |
| T56A | Rocky Mt | 131.32 325 | P | PKPpdf | 23 06 40.0 | +0.2 |
| BLA | Blacksburg | 131.41 326 | P | PKPpdf | 23 06 39.9 | -0.1 |
| R53A | Hurricane | 131.44 328 | P | PKPpdf | 23 06 39.9 | -0.1 |
| JFWS | Jewell Farm | 131.48 338 | P | PKPpdf | 23 06 39.7 | -0.3 |
| V58A | Windy Hill, Pi | 131.64 323 | P | PKPpdf | 23 06 40.6 | +0.2 |
| LAO | LASA Array | 131.66 354 | P | PKIKP | 23 06 40.8 | -0.5 |
| LAO | LASA Array | 131.66 354 | P | PKPpdf | 23 06 40.0 | -0.3 |
| T55A | Pulaski | 131.69 326 | P | PKPpdf | 23 06 40.8 | +0.3 |
| X60A | Albert Glenn T | 131.76 321 | P | PKIKP | 23 06 41.3 | -0.3 |
| MSO | Missoula | 131.79 2 | P | PKIKP | 23 06 41.3 | -0.3 |
| P49A | Miami Univ. Ec | 131.92 331 | P | PKIKP | 23 06 41.3 | -0.6 |
| V57A | Coltrane Farms | 131.97 324 | P | PKIKP | 23 06 41.6 | -0.5 |
| U56A | King | 132.00 325 | P | PKIKP | 23 06 41.6 | -0.6 |
| S53A | Sanctimonium | 132.01 328 | P | PKPpdf | 23 06 41.5 | +0.3 |
| T54A | Tazewell | 132.16 327 | P | PKIKP | 23 06 42.1 | -0.5 |
| W58A | Raeoford | 132.24 323 | P | PKIKP | 23 06 42.1 | -0.5 |
| U55A | TA2, Sparta | 132.27 326 | P | PKIKP | 23 06 42.2 | -0.6 |
| SFIN | Lafayette | 132.34 334 | P | PKIKP | 23 06 42.0 | -0.7 |
| V56A | Mocksville | 132.44 325 | P | PKIKP | 23 06 42.6 | -0.5 |
| W57A | Gilead | 132.60 324 | P | PKIKP | 23 06 43.2 | -0.2 |
| X58A | Rowland | 132.62 322 | P | PKIKP | 23 06 43.1 | -0.3 |
| T53A | Wise | 132.75 327 | P | PKIKP | 23 06 43.2 | -0.6 |
| ECSD | EROS Data Cent | 132.77 345 | P | PKPpdf | 23 06 42.5 | +0.1 |
| ECSD | EROS Data Cent | 132.77 345 | PKPpdf | PKPpdf | 23 06 41.9 | -0.5 |
| V55A | Taylorville | 132.83 325 | P | PKPpdf | 23 06 43.1 | +0.4 |
| W56A | Indian Trail | 132.97 324 | P | PKIKP | 23 06 43.4 | -0.7 |
| BOZ | Bozeman (W) | 133.04 359 | P | PKIKP | 23 06 43.7 | -0.5 |
| H04D | Lebanon | 133.18 10 | P | PKIKP | 23 06 43.7 | -0.6 |
| V54A | Nebo | 133.30 326 | P | PKPpdf | 23 06 43.9 | +0.2 |
| KM5C | Kings Mountain | 133.40 325 | P | PKPpdf | 23 06 44.0 | +0.2 |
| TZTN | Tazewell | 133.62 328 | P | PKPpdf | 23 06 44.1 | -0.1 |
| X56A | White Oak | 133.68 324 | P | PKPpdf | 23 06 44.2 | -0.1 |
| WCI | Wyandotte Cave | 133.71 331 | P | PKPpdf | 23 06 44.3 | 0.0 |
| Z58A | St. Stephen | 133.73 322 | P | PKPpdf | 23 06 44.4 | 0.0 |
| I03D | Drain, OR | 133.86 11 | P | PKPpdf | 23 06 44.7 | +0.4 |
| R55D | Black Hills | 133.93 352 | P | PKPpdf | 23 06 44.8 | 0.0 |
| W54A | Cherokee Point | 133.93 325 | P | PKPpdf | 23 06 45.1 | +0.3 |
| I04A | Tendick Farm, | 133.94 10 | P | PKPpdf | 23 06 45.0 | +0.3 |
| X55A | Gracelyn & Ava | 134.05 324 | P | PKPpdf | 23 06 45.4 | +0.3 |
| LP4Z | La Paz | 134.13 249 | PKP | PKPpdf | 23 06 46.0 | -0.4 |
| LP4Z | La Paz | 134.13 249 | PKP | PKPpdf | 23 06 46.3 | -0.1 |
| H17A | Grant Village | 134.22 358 | P | PKPpdf | 23 06 45.6 | +0.1 |
| Z57A | Bowman | 134.30 322 | P | PKPpdf | 23 06 45.9 | +0.4 |
| X54A | Belin | 134.42 325 | P | PKPpdf | 23 06 46.0 | +0.3 |
| V55A | Saluda | 134.55 324 | P | PKPpdf | 23 06 46.5 | +0.6 |
| J05D | Fort Rock, OR | 134.64 9 | P | PKIKP | 23 06 46.8 | -0.7 |
| HL1D | Hailey | 135.04 2 | P | PKPpdf | 23 06 47.3 | +0.4 |
| B04D | Klamath Falls | 135.49 11 | P | PKIKP | 23 06 48.6 | -0.7 |
| W50E | Boulder Array | 135.81 357 | P | PKPpdf | 23 06 48.6 | +0.2 |
| PDAR | Pinedale Array | 135.81 357 | PKPpdf | PKPpdf | 23 06 47.4 | -1.0 |
| GOGA | Gofrey | 135.87 325 | P | PKPpdf | 23 06 49.0 | +0.6 |
| CCM | Cathedral Cave | 136.05 336 | P | PKPpdf | 23 06 49.1 | +0.4 |
| WVT | Waverly | 136.12 331 | P | PKPpdf | 23 06 49.1 | +0.3 |
| M02C | Callahan | 136.18 11 | P | PKPpdf | 23 06 49.5 | +0.6 |
| N23A | Red Feather La | 137.35 353 | P | PKPpdf | 23 06 52.1 | +0.7 |
| TBI | Tubuai | 137.96 124 | eSS | SS | 23 07 47.9 | -2.9 |
| TBI | Tubuai | 137.96 124 | eLR | LR | 23 51 21.1 | |
| LRAL | Lakeview Retz | 138.12 327 | P | PKPpdf | 23 06 52.8 | +0.1 |
| U40A | Yellville | 138.16 336 | P | PKPpdf | 23 06 52.8 | +0.1 |
| CBKS | Cedar Bluff | 138.19 345 | P | PKPpdf | 23 06 53.2 | +0.5 |
| ISCO | Idaho Springs | 138.39 352 | P | PKPpdf | 23 06 54.2 | +0.8 |
| DUG | Dugway, Tooele | 138.44 1 | P | PKIKP | 23 06 54.5 | -0.9 |
| AFDM | Forest Hills D | 138.90 10 | PKPpdf | PKIKP | 23 06 55.7 | -0.4 |
| W41B | Gary Mavity, V | 138.92 335 | P | PKIKP | 23 06 55.8 | -0.4 |
| W39A | Magazine | 139.54 336 | P | PKIKP | 23 06 57.2 | -0.3 |
| X40A | Basin Creek Fa | 139.76 335 | P | PKPpdf | 23 06 57.2 | -0.7 |
| NVAR | Minia Array Ba | 139.82 7 | PKHKP | PKPpre | 23 06 50.7 | |
| NVAR | Minia Array Ba | 139.82 7 | PKP | PKP | 23 09 51.4 | +1.1 |
| MIAR | Mout Ida | 134.02 336 | P | PKIKP | 23 06 57.8 | -0.7 |
| PPT2 | Papeete2 | 140.06 116 | eSS | SS | 23 28 11.7 | -4.6 |
| PPT2 | Papeete2 | 140.06 116 | eLR | LR | 23 52 16.3 | |
| PSUT | Pine Spring | 140.08 2 | | PKPpre | 23 06 48.9 | |

| | | | | | | |
|------|----------------|------------|---------|---------|------------|------|
| R11A | Troy Canyon, C | 140.17 4 | P | PKIKP | 23 06 58.2 | -0.8 |
| PV18 | Skein Mesa, Pa | 140.27 356 | IAMS_20 | IAMS_20 | 23 50 34.8 | |
| PV01 | Paradox Valley | 140.35 355 | IAMS_20 | IAMS_20 | 00 14 49.1 | |
| SDCO | Great Sand Dun | 140.39 352 | P | PKIKP | 23 06 58.6 | -0.9 |
| T25A | Trinidad | 140.81 350 | P | PKPpdf | 23 06 58.5 | +0.7 |
| PRN | Pahroc Range | 141.14 4 | PKPpdf | PKPpdf | 23 06 56.9 | -1.3 |
| WMOK | Wichita Mounta | 141.73 342 | P | PKIKP | 23 07 00.8 | -1.2 |
| CWC | Cottonwood Cre | 141.81 8 | P | PKPpdf | 23 07 00.7 | +1.2 |
| MPMC | Manual Prospec | 142.26 7 | P | PKPpdf | 23 07 01.6 | +1.3 |
| TUQ | Turquoise Moun | 143.04 5 | P | PKPbc | 23 06 58.1 | -0.3 |
| GSC | Goldstone, Bar | 143.09 6 | P | PKPbc | 23 06 58.3 | -0.1 |
| WU4Z | Wupatki | 143.10 359 | P | PKPbc | 23 06 58.8 | +0.2 |
| ANMO | Albuquerque | 143.28 352 | PKP | PKPbc | 23 06 59.2 | +0.2 |
| ANMO | Albuquerque | 143.28 352 | PKP | PKPbc | 23 06 59.2 | +0.1 |
| ANMO | Edwards Air Fo | 143.28 352 | PKPpdf | PKPbc | 23 06 58.8 | -0.3 |
| EDWZ | Edwards Air Fo | 143.28 352 | PKPbc | PKPbc | 23 06 59.1 | 0.0 |
| W18A | Petrified Fore | 143.43 356 | P | PKPbc | 23 06 59.9 | +0.4 |
| MXST | Muleshoe | 143.54 347 | P | PKPab | 23 06 58.9 | 0.0 |
| HEC | Hector,Ludlow | 143.60 6 | P | PKPbc | 23 06 59.6 | -0.2 |
| GMRC | Granite Mounta | 143.71 5 | P | PKPbc | 23 07 00.3 | 0.0 |

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like San Giovanni R, Intradacqua, Norcia, Kesra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Sali PS, Masusu PS, KLM 01 23:54:55.0, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like WRA, WRAB, WRR, etc.

ISC 01 23:17:07.8-14.0, 637S*3610E, h10km, 89km, n23, ML2.9, Tanzania

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like KOND, MW44, NG55, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like LAMP, BKSI, CM36, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like WRA, WRAB, WRR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBZ, NRK, PEAOB, PETK, BRTR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMGZ, MXZ, PUZ, PKGZ, etc.

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

IDC 01 23:56:23.6:8.9, 14:80'S:167.56'E, h124km, 57km, mb3.9/6, mb1.4, 1.7, mb1mx3.6/44, mbtmp4.3/7, Error ellipse: s-maj=78.6km s-min=27.1km az=39.0

WEL 02 00:00:03.0:1.0, 38° 58' 18" 0"E, h33km, M3.9/30, ML4.3/30, MLV3.9/30, Error ellipse: s-maj=0.0km s-min=0.0km az=34.7

IDC 02 00:05:42.5:0.6, 8° 15' 12" 1"E, h169km, 5km, M3.6/7, MLV3.6/7

ISC 01 23:56:29.8:0.8, 15.09'S:0.09:167.22E:0.09, h150km, n24, a176/26, mb4.5/V, Vanuatu Islands

ISC 02 00:03:22.1:0.8, 2.09'N:127.06'E, h0km, mb4.1/12, Mb1.4, 3/12, mb1mx4.0/40, mbtmp4.1/12, MS3.1/1, Ms1.3, 3/1, ms1mx2.6/33, Error ellipse: s-maj=47.4km

ISC 02 00:05:40.9:1.1, 8.5S:0.1:121.49E:0.08, h200km, n15, a26/19, Flores region

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

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

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

IDC 02 00:00:01.6:1.6, 37.54'S:179.36'E, h0km, mb3.9/2

IDC 02 00:03:27.0:0.2, 2° N:2° 12' 6"E, h10km, M3.9/10, mb4.1/1, MLV3.7/10

NET 02 00:12:58.9, 10:81'N:87:11'W, h15km, ML3.0

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists various stations like HRRZ, KAHZ, WPRZ, etc.

VAO 02 01:00:45.2,0.5,21.163S;71.92W,h10km,mb4.5
SJA 02 01:01:25.0,0.6,21.31S;68.93W,h138km,2km,ML4.2,
MW3.9

NEIC 02 01:01:25.6,1.6,21.31S;0.04:68.84W,0.08,h127km,6km,
Error ellipse: s-maj=10.5km s-min=6.0km az=87.0

GUC 02 01:01:26.7,0.6,21.31S;68.83W,h126km,3km,ML4.3
IDC 02 01:01:27.0,1.0,21.37S;68.46W,h119km,11km,mb3.7/4,
mb1.3/7.8,mb1mx3.5/24,mbtmp4.0/8,Error ellipse:

s-maj=24.5km s-min=15.9km az=120.0
ISC 02 01:01:25.3,0.6,21.33S;0.03:68.80W,0.05,h129km,5km,
h108,r1326/156,mb3.9/5,16C-12,Chile-Bolivia border
region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like PB09, PB09, PB09, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like PB04, PB04, PB04, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Lists stations like SACV, MDP, H10N3, etc.

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

NEIC 02 01:37:15.7:1.5, 5.6N, 0.2:32.8W, 0.2, h13km, 5km, mb4.5/7, Error ellipse: s-maj=36.8km s-min=13.5km az=143.0

ISC 02 01:37:19.0:0.5, 6.0N, 0.1:32.48W, 0.1, h10km, n51, c1888/38, mb4.0/17, Central Mid-Atlantic Ridge

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

2010 DEC

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

DJA 02 01:41:33.8:0.4, 3.2S, 2:12.6E, h16km, 4km, M4.7/26, mb5.2/12, mb4.9/18, MLV4.6/26, Mw(mb)4.5/12

NEIC 02 01:41:34.9:1.6, 2.6BS, 0.1:65.87E, 0.06, h43km, 10km, mb4.6/14, Error ellipse: s-maj=8.8km s-min=6.1km az=176.0

ISC 02 01:41:37.5:3.2, 2.72S, 125.81E, h59km, 31km, mb3.9/12, mb1.4/16, mb1mx3.9/54, mbtmp3.4/16, ML4.4/4, MS3.2/6, Ms1.3/3.6, ms1m2/9.38, Error ellipse: s-maj=28.1km s-min=14.4km az=55.0

ISC 02 01:41:32.7:0.4, 2.67S, 0:04:125.85E, 0:04, h20km, n74, c1885/82, mb4.2/16, MS3.1/3, 1C, Ceram Sea

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

2d 1h

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

ISK 02 01:50:04.8, 34.16N, 25:09E, h8km, ML3.4/19, IDC 02 01:50:04.2, 1.0, 34:29N, 25:03E, h0km, mb4.0/11, mb1.4/19, mb1mx3.9/44, mbtmp4.0/19, ML4.3/6, Error ellipse: s-maj=18.2km s-min=15.6km az=34.0

ATH 02 01:50:07.7, 34:30N, 25:03E, h30km, 1km, ML3.2/6, Error ellipse: s-maj=4.5km s-min=1.7km az=348.0

HLW 02 01:50:08.0, 34.18N, 25:33E, h10km, 24km, M4.0, THE 02 01:50:08.2, 34.33N, 25:04E, h0km, 1km, ML3.5/2, Error ellipse: s-maj=3.0km s-min=1.8km az=171.0

GII 02 01:50:14.0, 4.0, 33:83N, 125.07E, h14km, MD3.2, Mm3.4/10

ISC 02 01:50:07.2:1.3, 3.4:18N, 0:05:25.11E, 0:04, h29km, 10km, n147, c2807/173, mb3.9/11, Crete

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Lists various astronomical stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Lists astronomical stations with specific coordinates and identifiers.

Table with columns: RAYN, Iamb, Iamb, 02 22 37.5. Lists astronomical observations with station names like HRA Herat, KBL Kabul, and AAK Ala-Archa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time Res, ISC, h, m, s, ISC. Lists astronomical stations and their coordinates.

Table with columns: IADA, S, Sg, 02 18 56.9 -4.8. Lists astronomical observations with station names like IASN, IREN, IFED, and IRJU.

| | | | | | | | |
|-------|--------------------------------------------|-------|-----|---------|---------|------------|------|
| NB2 | NORSAR Subarra | 13.59 | 92 | Pn | Pn | 02 21 42.2 | -1.9 |
| NB2 | NORSAR Subarra | 13.59 | 92 | Pn | Pn | 02 21 42.2 | -1.9 |
| NOA | NORSAR Array B | 13.59 | 92 | Pn | Pn | 02 21 40.2 | -3.8 |
| NOA | comp-Z,0.0nm,0.3s,baz=299,slow=13,SNR=9.7 | | | | | | |
| NOA | comp-Z,4um,18.3s,baz=329,slow=39 | | | LR | LR | 02 27 11.5 | |
| SFJD | Kangerlussuaq | 13.63 | 295 | LR | LR | 02 26 32.3 | |
| SFJD | comp-Z,16um,21.7s,baz=88,slow=35 | | | | | | |
| SFJD | Kangerlussuaq | 13.63 | 295 | IAMS_20 | IAMS_20 | 02 26 36.4 | |
| ILULI | Ilulissat | 13.77 | 304 | IAMS_20 | IAMS_20 | 02 26 51.9 | |
| LBWR | Ladybowyer, Pea | 13.87 | 137 | eP | Pn | 02 21 46.9 | -0.9 |
| LBWR | comp-Z,129nm,1.1s | | | | | 02 21 51.5 | |
| LBWR | comp-Z,19um,12.7s | | | | | 02 27 27.2 | |
| NRAO | NORESS Array S | 13.88 | 93 | Pn | Pn | 02 21 47.2 | -0.7 |
| NRAO | NORESS Array S | 13.88 | 93 | Pn | Pn | 02 21 47.2 | -0.7 |
| NUUK | Nuuk | 14.64 | 284 | IAMS_20 | IAMS_20 | 02 26 58.1 | |
| NUOG | Nuugaatsiaq | 14.74 | 313 | IAMS_20 | IAMS_20 | 02 27 37.8 | |
| TRO | Tromsø | 14.88 | 54 | Pn | Pn | 02 22 00.2 | -1.2 |
| HFS | Hagfors | 15.10 | 93 | Pn | Pn | 02 22 02.7 | -1.8 |
| HFS | comp-Z,4um,19.6s,baz=291,slow=37 | | | LR | LR | 02 27 49.2 | |
| HFS | Hagfors | 15.10 | 93 | Pn | Pn | 02 22 04.0 | -0.5 |
| HFS | Hagfors | 15.10 | 93 | Pn | Pn | 02 22 04.0 | -0.5 |
| MUD | Monsted U'grnd | 15.41 | 110 | iP | P | 02 22 11.5 | -1.7 |
| MUD | Monsted U'grnd | 15.41 | 110 | iP | P | 02 22 11.5 | -1.7 |
| MUD | comp-Z,2.1um,10.1s | | | | | 02 27 52.8 | |
| UPNV | Upernavik | 15.87 | 317 | IAMS_20 | IAMS_20 | 02 28 09.1 | |
| HSPB | Hornsund (broa) | 16.13 | 26 | eP | Pn | 02 22 17.6 | -0.1 |
| HSPB | comp-Z,15um,14.5s | | | | | 02 25 16.2 | -0.1 |
| KBS | Kingsbay | 16.69 | 19 | eS | Sn | 02 22 26.6 | -0.8 |
| KBS | comp-Z,14um,6.8s | | | | | 02 25 34.0 | +0.4 |
| KBS | Kingsbay | 16.69 | 19 | eS | Sn | 02 22 30.1 | +2.8 |
| KBS | IAMS_20 | | | | | 02 22 32.9 | |
| SPA0 | Spitsbergen Ar | 16.92 | 23 | eP | Pn | 02 22 26.7 | -1.2 |
| SPA0 | comp-Z,2.1um,10.1s | | | | | 02 25 34.3 | -1.3 |
| SPITS | Spitsbergen Ar | 16.92 | 23 | LR | LR | 02 26 59.2 | |
| ARA0 | ARCESS Array S | 17.19 | 54 | P | Pn | 02 22 32.6 | +1.3 |
| ARA0 | ARCESS Array S | 17.19 | 54 | P | Pn | 02 22 32.6 | +1.3 |
| ARCES | ARCESS Array B | 17.19 | 54 | P | Pn | 02 22 32.5 | +1.2 |
| COP | Copenhagen | 17.27 | 107 | eP | P | 02 22 38.5 | +4.7 |
| COP | comp-Z,4um,14.6s | | | | | 02 22 39.2 | +5.4 |
| COP | comp-Z,4um,14.6s | | | | | 02 25 55.0 | +1.8 |
| COP | comp-Z,4um,14.6s | | | | | 02 30 37.4 | |
| HOPEN | Hopen | 17.89 | 31 | eP | Pn | 02 22 39.7 | -0.3 |
| HOPEN | comp-Z,15um,14.5s | | | | | 02 25 60.0 | +0.8 |
| UCC | Uccle | 18.02 | 130 | Pn | Pn | 02 22 42.1 | -0.1 |
| UCC | comp-Z,1.16nm,1.4s,baz=329,slow=11 | | | | | 02 22 51.3 | +9.2 |
| UCC | Uccle | 18.02 | 130 | Pn | Pn | 02 22 39.1 | -2.6 |
| UCC | comp-Z,1.101nm,1.8s | | | | | 02 22 39.1 | -2.6 |
| UCC | Uccle | 18.02 | 130 | Pn | Pn | 02 22 39.1 | -2.6 |
| SNF | Senneffe | 18.25 | 130 | Pn | Pn | 02 22 43.9 | -0.5 |
| RUGEN | Rugen | 18.43 | 109 | eP | Pn | 02 22 47.1 | +1.2 |
| EBEN | Eben Emael | 18.47 | 128 | Pn | Pn | 02 22 48.7 | +1.5 |
| BMRD | Maredsous | 18.58 | 130 | Pn | Pn | 02 22 49.9 | +1.4 |
| BSTI | Sart Tilman | 18.62 | 128 | Pn | Pn | 02 22 50.3 | +1.4 |
| BGES | Gesves | 18.62 | 128 | Pn | Pn | 02 22 49.4 | +0.4 |
| BCLA | Clavier | 18.66 | 129 | Pn | Pn | 02 22 50.6 | +1.1 |
| BCLA | Clavier | 18.66 | 129 | Pn | Pn | 02 22 58.2 | +8.7 |
| BSD | Bornholm Skovb | 18.69 | 105 | eP | Pn | 02 22 51.9 | +2.1 |
| BSD | comp-Z,3um,17.0s | | | | | 02 22 51.9 | +2.1 |
| BSD | Bornholm Skovb | 18.69 | 105 | iP | Pn | 02 22 51.9 | +2.1 |
| BSD | comp-Z,3um,17.0s | | | | | 02 30 50.1 | |
| BSD | Bornholm Skovb | 18.69 | 105 | eP | Pn | 02 22 51.9 | +2.1 |
| BSD | IAMS_20 | | | | | 02 30 50.1 | |
| NRDL | Niedersach Rie | 18.70 | 117 | eP | Pn | 02 22 49.9 | +0.1 |
| DOU | Dourbes | 18.70 | 131 | Pn | Pn | 02 22 49.4 | +0.3 |
| DOU | Dourbes | 18.70 | 131 | Pn | Pn | 02 22 57.8 | +7.8 |
| MEM | Membrach | 18.73 | 127 | Pn | Pn | 02 22 50.0 | 0.0 |
| BTNL | Ternell | 18.80 | 127 | Pn | Pn | 02 22 50.9 | -0.4 |
| BHOU | Houvezne | 18.95 | 128 | Pn | Pn | 02 22 53.4 | +0.3 |
| BHOU | Houvezne | 18.95 | 128 | Pn | Pn | 02 22 60.0 | +6.3 |
| BHOU | comp-Z,1.16nm,1.4s,baz=329,slow=11 | | | | | 02 27 17.9 | +1.9 |
| AHRW | Bad Neuenahr-A | 19.16 | 126 | eP | Pn | 02 22 58.0 | +2.4 |
| CLZ | Clausthal | 19.31 | 118 | eP | Pn | 02 22 57.2 | -0.2 |
| WLF | Walferdange | 19.53 | 129 | Pn | Pn | 02 23 03.3 | +2.6 |
| WLF | Walferdange | 19.59 | 129 | Pn | Pn | 02 22 55.2 | -4.2 |
| WLF | comp-Z,91nm,1.4s | | | | | 02 23 02.9 | +2.2 |
| WLF | Walferdange | 19.59 | 129 | eP | Pn | 02 22 55.2 | -4.2 |
| WLF | comp-Z,1.16nm,1.4s,baz=329,slow=11 | | | | | 02 23 06.1 | |
| WLF | Walferdange | 19.59 | 129 | Pn | Pn | 02 22 55.2 | -4.2 |
| WLF | IAMS_20 | | | | | 02 23 06.1 | |
| FAIO | FINESS Array S | 19.77 | 79 | P | P | 02 23 01.9 | +0.6 |
| FAIO | FINESS Array S | 19.77 | 79 | P | P | 02 23 01.9 | +0.6 |
| FINES | FINESS Array B | 19.77 | 79 | P | P | 02 23 00.6 | -0.6 |
| FINES | comp-Z,0.2nm,0.3s,baz=298,slow=5.6,SNR=9.8 | | | LR | LR | 02 30 09.1 | |
| CLF | Chambon-Foret | 19.81 | 138 | P | P | 02 22 58.9 | -2.9 |
| TULEG | Thule | 19.85 | 327 | eP | IAMB | 02 23 58.8 | -3.2 |
| TULEG | comp-Z,95nm,1.3s | | | | | 02 23 05.1 | |
| TULEG | Thule | 19.85 | 327 | eP | IAMS_20 | 02 23 06.8 | +3.2 |
| TULEG | IAMS_20 | | | | | 02 30 25.1 | |
| TNS | Tanus Mts | 19.92 | 124 | eP | Pn | 02 23 04.1 | -0.5 |
| UBBA | Unterbreizbach | 19.99 | 121 | eP | Pn | 02 23 05.3 | -0.1 |
| RUE | Ruedersdorf | 20.14 | 112 | eP | Pn | 02 23 06.5 | -0.7 |
| APA0 | Apaitty Array | 20.23 | 59 | P | P | 02 23 04.6 | -1.6 |
| APA0 | Apaitty Array | 20.23 | 59 | P | P | 02 23 04.6 | -1.6 |
| NEUB | Neuenburg | 20.35 | 117 | eP | Pn | 02 23 08.1 | +0.5 |
| APA | Apaitty | 20.40 | 59 | iP | S | 02 23 11.4 | +1.3 |
| APA | comp-Z,31nm,1.10s | | | | | 02 26 54.0 | -2.1 |
| APA | comp-Z,31nm,1.10s | | | MLR | MLR | | |
| MOX | Moxa | 20.74 | 119 | eP | P | 02 23 12.5 | +0.7 |
| MOX | comp-Z,148nm,1.4s,baz=329,slow=11 | | | | | 02 23 15.3 | +0.1 |
| MOX | Moxa | 20.74 | 119 | eP | P | 02 23 15.3 | +0.1 |
| MOX | comp-Z,8um,18.5s | | | | | 02 32 14.8 | |
| CLL | Collim | 20.74 | 115 | iP | P | 02 23 12.2 | +0.3 |
| CLL | comp-Z,158nm,1.5s | | | | | 02 23 12.1 | +0.3 |
| CLL | Collim | 20.74 | 115 | eP | Pn | 02 23 12.1 | +0.3 |
| CLL | comp-Z,184nm,1.6s,baz=329,slow=11 | | | | | 02 23 14.9 | -0.3 |
| CLL | Collim | 20.74 | 115 | eP | P | 02 23 08.8 | -3.0 |
| LVZ | Lovozero | 20.76 | 581 | eP | P | 02 23 11.0 | -1.0 |
| LVZ | comp-Z,154nm,1.8s | | | | | 02 23 06.4 | -5.6 |
| GKP | Gorka Klasztor | 20.96 | 106 | eP | L | 02 23 17.6 | +3.4 |
| GKP | comp-Z,4um,15.1s | | | | | 02 33 28.8 | |

| | | | | | | | |
|------|-----------------------------------|-------|-----|----|------|------------|------|
| PBUR | Paburge | 21.05 | 95 | eP | P | 02 23 14.7 | -0.5 |
| PLN | Plauen | 21.07 | 118 | eP | P | 02 23 15.9 | +0.4 |
| ECH | Echery | 21.18 | 129 | P | Pmax | 02 23 12.4 | -4.2 |
| ECH | comp-Z,84nm,1.3s | | | | | 02 23 22.1 | |
| ECH | Echery | 21.18 | 129 | P | IAMB | 02 23 12.4 | -4.2 |
| ECH | comp-Z,84nm,1.3s | | | | | 02 23 22.1 | |
| FBE | Freiberg | 21.18 | 116 | eP | P | 02 23 17.0 | +0.4 |
| GUNZ | Gunzen | 21.23 | 118 | eP | P | 02 23 17.6 | +0.3 |
| GUNZ | comp-Z,133nm,1.6s,baz=329,slow=11 | | | | | 02 23 20.1 | -0.4 |
| TANN | Tannenbergs | 21.24 | 118 | eP | P | 02 23 17.6 | +0.3 |
| TANN | comp-Z,241nm,1.6s,baz=329,slow=11 | | | | | 02 23 20.5 | -0.1 |
| WERN | Wernitzgruen | 21.31 | 118 | eP | P | 02 23 18.5 | +0.4 |
| WERN | comp-Z,158nm,1.6s,baz=329,slow=11 | | | | | 02 23 21.4 | 0.0 |
| GRA1 | Grabenberg Arr | 21.36 | 121 | eP | P | 02 23 14.7 | -3.9 |
| GRA1 | comp-Z,90nm,1.2s | | | | | 02 23 33.2 | |
| GRF | Grabenberg Arr | 21.36 | 121 | eP | Pmax | 02 23 14.7 | -3.9 |
| GRF | comp-Z,90nm,1.2s | | | | | 02 23 19.3 | +0.7 |
| GRF | Grabenberg Arr | 21.36 | 121 | eP | P | 02 23 19.3 | +0.7 |
| GRF | comp-Z,104nm,1.4s,baz=329,slow=11 | | | | | 02 31 43.3 | |
| NKC | Novy Kostel | 21.38 | 118 | eP | P | 02 23 18.7 | -0.1 |
| NKC | comp-Z,8um,18.5s | | | | | 02 23 24.7 | |
| NKC | Novy Kostel | 21.38 | 118 | eP | P | 02 23 24.7 | |
| NKC | comp-Z,8um,18.5s | | | | | 02 32 10.0 | |
| STU | Stuttgart | 21.40 | 125 | P | Pmax | 02 23 16.2 | -2.8 |
| STU | comp-Z,93nm,1.1s | | | | | 02 23 20.2 | +1.2 |
| STU | Stuttgart | 21.40 | 125 | eP | P | 02 23 16.2 | -2.8 |
| STU | comp-Z,202nm,1.7s,baz=329,slow=11 | | | | | 02 23 27.9 | |
| STU | Stuttgart | 21.40 | 125 | P | IAMB | 02 23 16.2 | -2.8 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.5 | 0.0 |
| BRG | comp-N,6um,18.2s | | | | | 02 27 22.0 | -3.1 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.5 | 0.0 |
| BRG | comp-E,4um,15.3s | | | | | 02 27 22.0 | -3.1 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.5 | 0.0 |
| BRG | comp-Z,194nm,1.7s | | | | | 02 23 19.7 | +0.1 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.7 | +0.1 |
| BRG | comp-N,6um,18.2s | | | | | 02 23 23.0 | -0.5 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-E,4um,15.3s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 22.6 | -0.3 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,194nm,1.7s | | | | | 02 23 19.7 | +0.1 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.7 | +0.1 |
| BRG | comp-N,6um,18.2s | | | | | 02 23 23.0 | -0.5 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-E,4um,15.3s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 22.6 | -0.3 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,194nm,1.7s | | | | | 02 23 19.7 | +0.1 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.7 | +0.1 |
| BRG | comp-N,6um,18.2s | | | | | 02 23 23.0 | -0.5 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-E,4um,15.3s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 22.6 | -0.3 |
| BRG | Berggiesshobel | 21.45 | 115 | iP | S | 02 23 19.6 | 0.0 |
| BRG | comp-Z,9um,16.7s | | | | | 02 23 19.6 | 0.0 |
| BRG | Berggiesshobel | 21.45 | | | | | |

2012 DEC

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h | m | s | ISC |
|------|----------------|------|-----|----------|----------|------------|------|---|---|-----|
| SMTH | Samothraki Isl | 0.58 | 274 | P | Pg | 02 22 56.8 | -0.5 | | | |
| EZN | Ezine | 0.61 | 178 | PG | Pg | 02 22 57.7 | 0.0 | | | |
| EZN | Ezine | 0.61 | 178 | S | Pg | 02 22 57.6 | -0.1 | | | |
| BOZC | Bozcaada | 0.62 | 197 | PG | Pg | 02 22 57.9 | 0.0 | | | |
| BOZC | Bozcaada | 0.62 | 197 | I/P | Pg | 02 22 56.9 | -1.0 | | | |
| BOZC | Bozcaada | 0.62 | 197 | I/S | Pg | 02 22 57.8 | -0.4 | | | |
| BOZC | Bozcaada | 0.62 | 197 | I/S | Pg | 02 23 05.5 | -0.6 | | | |
| BOZC | Bozcaada | 0.62 | 197 | Sb | Pg | 02 23 06.9 | +0.2 | | | |
| BOZC | Bozcaada | 0.62 | 197 | Sb | Pg | 02 22 59.5 | -0.3 | | | |
| BAYC | Balkan | 0.72 | 164 | I/P | Pg | 02 23 08.8 | -0.4 | | | |
| BAYC | Balkan | 0.72 | 164 | I/S | Pg | 02 23 09.0 | | | | |
| BAYC | Balkan | 0.72 | 164 | IAML | Pg | 02 23 09.0 | | | | |
| RKY | Sarkoy-Tekirda | 0.72 | 69 | PG | Pg | 02 22 59.6 | -0.3 | | | |
| SART | Tekirdag | 0.72 | 69 | I/S | Pg | 02 22 58.9 | -1.0 | | | |
| RDO | Rodhopi | 0.92 | 322 | P | Pb | 02 23 02.9 | -0.4 | | | |
| RDO | Rodhopi | 0.92 | 322 | S | Pb | 02 23 15.9 | +0.7 | | | |
| RDO | Rodhopi | 0.92 | 322 | AML | Pb | 02 23 18.9 | | | | |
| RDO | Rodhopi | 0.92 | 322 | AML | Pb | 02 23 20.4 | | | | |
| RDO | Rodhopi | 0.92 | 322 | PG | Pn | 02 23 03.9 | -0.1 | | | |
| RDO | Rodhopi | 0.92 | 322 | P | Pb | 02 23 03.0 | -0.3 | | | |
| KOCA | Canakkale, Ayv | 0.94 | 187 | P | Pb | 02 23 02.5 | -1.1 | | | |
| KNL | Balikesir | 0.96 | 99 | I/P | Pg | 02 23 16.6 | -0.2 | | | |
| KNL | Balikesir | 0.96 | 99 | I/S | Pg | 02 23 16.6 | -0.2 | | | |
| KNL | Balikesir | 0.96 | 99 | IAML | Pg | 02 23 16.6 | -0.2 | | | |
| KNL | Balikesir | 0.96 | 99 | IAML | Pg | 02 23 16.6 | -0.2 | | | |
| LIA | Limnos Island | 1.00 | 238 | P | Pb | 02 23 04.8 | 0.0 | | | |
| LIA | Limnos Island | 1.00 | 238 | S | Pb | 02 23 18.2 | -0.1 | | | |
| LIA | Limnos Island | 1.00 | 238 | AML | Pb | 02 23 19.3 | | | | |
| LIA | Limnos Island | 1.00 | 238 | AML | Pb | 02 23 19.8 | | | | |
| LIA | Limnos Island | 1.00 | 238 | P | Pb | 02 23 04.6 | -0.2 | | | |
| MRMT | Marmara Adasi | 1.01 | 80 | PG | Pg | 02 23 04.4 | -0.5 | | | |
| TKR | Tekirdag | 1.10 | 59 | PN | Pg | 02 23 06.9 | -0.1 | | | |
| BUHA | Balikesir, Bur | 1.11 | 147 | P | Pb | 02 23 07.2 | 0.0 | | | |
| GONE | Gonen-Balikesi | 1.14 | 109 | PN | Pg | 02 23 07.4 | -0.3 | | | |
| AYVA | Ayvlik | 1.16 | 165 | I/P | Pg | 02 23 07.9 | -0.3 | | | |
| AYVA | Ayvlik | 1.16 | 165 | I/S | Pg | 02 23 22.6 | +0.2 | | | |
| AYVA | Ayvlik | 1.16 | 165 | IAML | Pg | 02 23 23.0 | | | | |
| PRK | Paraskevi | 1.19 | 181 | P | Pg | 02 23 09.1 | +0.5 | | | |
| PRK | Paraskevi | 1.19 | 181 | S | Pg | 02 23 24.6 | +0.6 | | | |
| PRK | Paraskevi | 1.19 | 181 | AML | Pg | 02 23 26.6 | | | | |
| PRK | Paraskevi | 1.19 | 181 | AML | Pg | 02 23 28.3 | | | | |
| PRK | Paraskevi | 1.19 | 181 | P | Pg | 02 23 09.2 | +0.6 | | | |
| PRK | Paraskevi | 1.19 | 181 | S | Pg | 02 23 25.8 | +1.8 | | | |
| EDC | Edincik | 1.20 | 94 | PN | Pg | 02 23 08.2 | 0.0 | | | |
| THAS | Thassos island | 1.21 | 279 | P | Pb | 02 23 08.8 | -0.3 | | | |
| THAS | Thassos island | 1.21 | 279 | S | Pb | 02 23 24.5 | +0.4 | | | |
| THAS | Thassos island | 1.21 | 279 | S | Pb | 02 23 26.1 | +1.2 | | | |
| THAS | Thassos island | 1.21 | 279 | S | Pb | 02 23 26.1 | +1.2 | | | |
| BALY | Balya | 1.23 | 124 | I/P | Pg | 02 23 09.7 | +0.3 | | | |
| SIGR | SIGRI | 1.26 | 196 | P | Pb | 02 23 09.1 | +0.3 | | | |
| SIGR | SIGRI | 1.26 | 196 | S | Pb | 02 23 09.2 | 0.0 | | | |
| SIGR | SIGRI | 1.26 | 196 | PN | Pb | 02 23 09.4 | +0.2 | | | |
| SIGR | SIGRI | 1.26 | 196 | P | Pb | 02 23 09.2 | 0.0 | | | |
| SIGR | SIGRI | 1.26 | 196 | S | Pb | 02 23 26.9 | +0.3 | | | |
| CRLT | Corlu | 1.30 | 57 | PN | Pg | 02 23 09.9 | +0.1 | | | |
| KDZ | Kurdzhal | 1.39 | 32 | PN | Pb | 02 23 11.1 | -0.2 | | | |
| DKL | Dikili | 1.44 | 161 | PN | Pb | 02 23 11.4 | +0.2 | | | |
| BALB | Balikesir | 1.45 | 122 | PN | Pn | 02 23 11.5 | +0.1 | | | |
| EDRB | Edirne | 1.45 | 13 | PN | Pn | 02 23 12.1 | +0.7 | | | |
| KAVA | Kavala | 1.46 | 293 | P | Pb | 02 23 11.8 | +0.2 | | | |
| KAVA | Kavala | 1.46 | 293 | S | Pb | 02 23 32.2 | +0.8 | | | |
| KAVA | Kavala | 1.46 | 293 | P | Pb | 02 23 11.6 | 0.0 | | | |
| KAVA | Kavala | 1.46 | 293 | Sb | Pb | 02 23 31.9 | +0.9 | | | |
| STEP | BALIKESIR_Sava | 1.52 | 133 | I/P | Pg | 02 23 14.6 | -0.4 | | | |
| STEP | BALIKESIR_Sava | 1.52 | 133 | I/S | Pg | 02 23 34.1 | -0.1 | | | |
| STEP | BALIKESIR_Sava | 1.52 | 133 | IAML | Pg | 02 23 38.0 | | | | |
| SLVT | Silivri | 1.66 | 61 | PN | Pn | 02 23 15.0 | +0.7 | | | |
| ARMN | Kirkkareli | 1.67 | 31 | I/P | Pn | 02 23 13.7 | -0.7 | | | |
| OUR | Ouranopolis | 1.77 | 268 | P | Pn | 02 23 15.2 | -0.5 | | | |
| OUR | Ouranopolis | 1.77 | 268 | PN | Pn | 02 23 15.7 | 0.0 | | | |
| OUR | Ouranopolis | 1.77 | 268 | P | Pn | 02 23 15.2 | -0.5 | | | |
| CTYL | Yalikoy Yolu | 1.84 | 55 | PN | Pn | 02 23 17.5 | +0.8 | | | |
| CTKS | Kestanelik-??a | 1.86 | 64 | PN | Pn | 02 23 18.3 | +1.3 | | | |
| MDNY | Mudanya-Bursa | 1.98 | 91 | PN | Pn | 02 23 19.5 | +0.8 | | | |
| BGKT | Bogazici | 2.03 | 68 | PN | Pn | 02 23 20.2 | +0.8 | | | |
| PLD | Plovdiv | 2.06 | 325 | PN | Pn | 02 23 20.5 | +0.8 | | | |
| NVR | Nevrokopi | 2.06 | 297 | P | Pn | 02 23 19.8 | +0.1 | | | |
| NVR | Nevrokopi | 2.06 | 297 | P | Pn | 02 23 19.9 | +0.1 | | | |
| URLA | Izmir | 2.08 | 173 | PN | Pn | 02 23 20.7 | +0.6 | | | |
| SRS | Serrai | 2.16 | 289 | P | Pn | 02 23 20.9 | -0.3 | | | |
| SRS | Serrai | 2.16 | 289 | P | Pn | 02 23 20.9 | -0.3 | | | |
| ISK | Istanbul-Kandi | 2.21 | 72 | PN | Pn | 02 23 22.7 | +1.1 | | | |
| KLYT | Kilyos | 2.24 | 68 | PN | Pn | 02 23 23.1 | +0.9 | | | |
| SGAZ | Eskisehir, Sey | 2.61 | 103 | I/P | Pn | 02 23 39.7 | -1.4 | | | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h | m | s | ISC |
|-------|-----------------|------|-----|----------|----------|------------|------|---|---|-----|
| STIA3 | Santiago, Vera | 1.88 | 100 | I/P | Pn | 02 30 15.6 | -0.3 | | | |
| STIA3 | Santiago, Vera | 1.88 | 100 | eS | Pn | 02 30 40.0 | +1.4 | | | |
| PONU3 | Ponuga, Veragu | 1.93 | 107 | eP | Pn | 02 30 16.1 | -0.5 | | | |
| HDC | Heredia | 1.99 | 321 | I/P | Pn | 02 30 18.9 | 0.0 | | | |
| HDC | Heredia | 1.99 | 321 | eP | Pn | 02 30 43.7 | +2.3 | | | |
| HDC | Heredia | 1.99 | 321 | eS | Pn | 02 30 16.9 | -0.9 | | | |
| MARI3 | Mariato, Veragu | 2.00 | 113 | I/P | Pn | 02 30 18.3 | +0.8 | | | |
| OCU3 | Ocu, Herrera | 2.11 | 104 | I/P | Pn | 02 30 18.0 | -1.0 | | | |
| OCU3 | Ocu, Herrera | 2.11 | 104 | eS | Pn | 02 30 44.7 | +0.6 | | | |
| JACO | JACO, Garabito | 2.16 | 304 | eP | Pn | 02 30 18.1 | -1.7 | | | |
| CACAO | El Cacao, Vera | 2.25 | 119 | eP | Pn | 02 30 21.0 | 0.0 | | | |
| CACAO | El Cacao, Vera | 2.25 | 119 | eS | Pn | 02 30 47.9 | +0.9 | | | |
| PNOME | Penonome | 2.49 | 89 | eP | Pn | 02 30 25.3 | +1.1 | | | |
| PNOME | Penonome | 2.49 | 89 | eS | Pn | 02 30 54.1 | +0.6 | | | |
| TOSIS | Tonosí | 2.59 | 113 | eP | Pn | 02 30 27.1 | +1.4 | | | |
| TOSIS | Tonosí | 2.59 | 113 | eS | Pn | 02 31 02.5 | -0.9 | | | |
| AZU | Azuero | 2.62 | 104 | eP | Pn | 02 30 26.4 | +0.3 | | | |
| AZU | Azuero | 2.62 | 104 | eS | Pn | 02 30 56.5 | -0.4 | | | |
| VTON | El Valle, Coo | 2.70 | 86 | eP | Pn | 02 30 26.5 | -0.8 | | | |
| VTON | El Valle, Coo | 2.70 | 86 | eS | Pn | 02 31 06.4 | -0.2 | | | |
| ARE1 | Arenal 1 | 2.73 | 317 | eP | Pn | 02 30 27.6 | 0.0 | | | |
| ARE1 | Arenal 1 | 2.73 | 317 | eS | Pn | 02 30 26.8 | -0.8 | | | |
| COVE | Coope Vega, Sa | 2.73 | 326 | eP | Pn | 02 30 27.8 | +0.8 | | | |
| COVE | Coope Vega, Sa | 2.73 | 326 | eS | Pn | 02 30 28.4 | +0.4 | | | |
| JTS | Las Juntas de | 2.77 | 311 | eP | Pn | 02 30 27.2 | -1.0 | | | |
| JTS | Las Juntas de | 2.77 | 311 | eS | Pn | 02 31 01.9 | +1.3 | | | |
| JTS | Las Juntas de | 2.77 | 311 | eP | Pn | 02 30 27.4 | -0.8 | | | |
| CUI | Cuipilapa | 3.17 | 314 | eP | Pn | 02 30 34.1 | +0.1 | | | |
| CUI | Cuipilapa | 3.17 | 314 | eS | Pn | 02 30 34.1 | +0.1 | | | |
| ORTG | Ortega, Santa | 3.21 | 307 | eP | Pn | 02 30 34.1 | +0.1 | | | |
| ORTG | Ortega, Santa | 3.21 | 307 | eS | Pn | 02 30 34.1 | +0.1 | | | |
| UPA | Univ. de Panam | 3.31 | 81 | eS | Pn | 02 31 14.1 | +0.2 | | | |
| BUEV | Buena Vista | 3.44 | 313 | eP | Pn | 02 30 37.8 | +0.3 | | | |
| BUEV | Buena Vista | 3.44 | 313 | eS | Pn | 02 30 38.4 | +0.8 | | | |
| BG1A | Borinquen Arri | 3.53 | 310 | eP | Pn | 02 30 39.7 | +1.1 | | | |
| BG1A | Borinquen Arri | 3.53 | 310 | eS | Pn | 02 30 39.7 | +1.1 | | | |

LDG 02 02:51:04.0±0.1, 48°24'N-4°36'W, h3km, Md2, 1/2, M2, 5/15, Error ellipse: s-maj=2.0km s-min=1.3km az=52.0
STR 02 02:51:07.9±1.5, 48°N-13°W, h0km, MLV2.6/3, smi:scs/0.6/LCOSAT earthModelID
smi:scs/0.6/haslach_taup-2.11 preliminary
ISC 02 02:51:03.2±1.3, 48°04'N-4°34'W, h12km, 10km, n24, c0959/43, France

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h | m | s | ISC |
|------|--------------|------|-----|----------|----------|------------|---|---|---|-----|
| ROSF | Rostrenen | 0.73 | 75 | Op | Pb | 02 51 18.6 | + | | | |

Table of astronomical observations for the 2d 5h period, listing objects like Lovozero, Maredsous, Munding, etc., with their coordinates and observation details.

Table of astronomical observations for the 2015 DEC period, listing objects like Estremoz, Castelo Branco, MTE, etc., with their coordinates and observation details.

Table of astronomical observations for the 58 period, listing objects like Seymchan, Mount Surprise, ARPS, etc., with their coordinates and observation details.

NEIC 02 05:01:54.1, 1.6, 16.90N:0.05:100.16W:0.04, h32km, 10km, Error ellipse: s-maj=7.6km s-min=4.9km az=198.0
MEX 02 05:01:56.4, 1.4, 16.92N:100.15W, h30km, 20km, MD4.1
ISC 02 05:01:54.4, 1.3, 16.92N:100.05:100.15W:0.04, h33km, 3km, n24, c0814/45, Near coast of Guerrero

| | | | | | | |
|-------|----------------|------------|----|------|------------|------|
| AAK | Ala-Archa | 56.17 318d | iP | P | 05 20 14.7 | -0.1 |
| AAK | Ala-Archa | 56.17 318 | P | Pmax | 05 20 15.2 | +0.4 |
| AAK | Ala-Archa | 56.17 318 | I | Iamb | 05 20 20.4 | |
| AAK | Ala-Archa | 56.17 318 | P | P | 05 20 15.0 | +0.2 |
| AAK | Ala-Archa | 56.17 318 | P | P | 05 20 15.0 | +0.2 |
| SGDS | Sogindy | 56.44 319 | iP | P | 05 20 15.1 | -1.4 |
| SGDS | Sogindy | 56.44 319d | iP | P | 05 27 21.2 | -0.1 |
| SGDS | Sogindy | 56.44 319d | iP | P | 05 20 15.9 | -0.6 |
| SGDS | Sogindy | 56.44 319d | iP | P | 05 27 21.2 | -0.1 |
| USP | Ospenovka | 56.44 319 | P | P | 05 20 16.2 | -0.4 |
| AML | Almayashu | 56.49 317 | P | P | 05 20 17.6 | +0.4 |
| EKS2 | Erkin-Say | 56.66 318 | P | P | 05 20 18.4 | +0.3 |
| DRK | Karamyk | 56.75 314 | I | Iamb | 05 20 31.6 | |
| SEM | Semipalatinsk | 56.75 329 | eP | P | 05 20 17.0 | -1.7 |
| SEM | Semipalatinsk | 56.75 329 | eS | S | 05 27 24.2 | -1.3 |
| SEM | Semipalatinsk | 56.75 329 | eP | P | 05 20 17.0 | -1.7 |
| SEM | Semipalatinsk | 56.75 329 | eS | S | 05 27 24.1 | -1.3 |
| ZAAO | Zalesovo Array | 56.83 334 | I | Iamb | 05 20 22.5 | |
| ZALV | Zalesovo Beam | 56.83 334 | P | P | 05 20 17.2 | -1.6 |
| ZALV | Zalesovo Beam | 56.83 334 | P | P | 05 24 05.5 | +0.4 |
| ZALV | Zalesovo Beam | 56.83 334 | P | P | 05 27 26.2 | +0.7 |
| ZALV | Zalesovo Beam | 56.83 334 | P | P | 05 50 01.5 | |
| ZALV | Zalesovo Beam | 56.83 334 | P | P | 05 57 25.9 | |
| KBL | Kabul | 57.22 307 | P | P | 05 20 21.6 | -0.5 |
| KBL | Kabul | 57.22 307 | P | P | 05 20 21.6 | -0.5 |
| KBL | Kabul | 57.22 307 | P | P | 05 20 21.7 | -0.4 |
| KBL | Kabul | 57.22 307 | P | P | 05 20 21.7 | -0.4 |
| MA2 | Magadan | 57.29 16 | P | P | 05 20 21.3 | -0.6 |
| MA2 | Magadan | 57.29 16d | iP | P | 05 20 21.6 | -0.3 |
| MA2 | Magadan | 57.29 16 | P | P | 05 20 26.7 | |
| BTL5 | Baital | 57.53 321 | iP | P | 05 20 23.2 | -0.7 |
| BTL5 | Baital | 57.53 321 | eS | S | 05 27 34.6 | -0.3 |
| BTL5 | Baital | 57.53 321 | eS | S | 05 27 34.6 | -0.3 |
| BTL5 | Baital | 57.53 321 | eS | S | 05 27 34.6 | -0.3 |
| FUNA | Funafuti | 57.75 104 | P | P | 05 20 26.3 | +0.5 |
| KURBB | Kurchatov Arra | 57.78 328 | P | P | 05 50 00.9 | -1.0 |
| KURK | Kurchatov | 57.79 328d | iP | P | 05 20 24.6 | -0.8 |
| KURK | Kurchatov | 57.79 328d | iP | P | 05 22 26.7 | +2.5 |
| KURK | Kurchatov | 57.79 328 | P | P | 05 20 24.3 | -1.0 |
| KURK | Kurchatov | 57.79 328 | P | P | 05 20 25.0 | -0.4 |
| DZA | Taraz | 58.39 317 | iP | P | 05 20 29.1 | -0.6 |
| DZA | Taraz | 58.39 317 | iP | P | 05 27 45.9 | -0.1 |
| DZA | Taraz | 58.39 317 | iP | P | 05 20 29.1 | -0.6 |
| DZA | Taraz | 58.39 317 | iP | P | 05 27 45.9 | -0.1 |
| CHGR | Chuyagaron | 58.39 312 | I | Iamb | 05 20 34.7 | |
| IUG | Iuzhny | 58.99 316 | iP | P | 05 20 33.7 | -0.1 |
| IUG | Iuzhny | 58.99 316d | iP | P | 05 27 53.9 | +0.2 |
| IUG | Iuzhny | 58.99 316d | iP | P | 05 20 33.7 | -0.1 |
| IUG | Iuzhny | 58.99 316d | iP | P | 05 27 53.8 | +0.2 |
| KK31 | Karatay Array | 59.03 317 | P | P | 05 20 33.5 | -0.4 |
| KK31 | Karatay Array | 59.03 317 | P | P | 05 20 33.5 | -0.4 |
| KK31 | Karatay Array | 59.03 317 | P | P | 05 20 38.6 | |
| MSVF | Nonsavu | 59.16 115d | iP | P | 05 20 35.3 | 0.0 |
| MSVF | Nonsavu | 59.16 115 | P | P | 05 20 37.3 | +1.3 |
| MSVF | Nonsavu | 59.16 115 | P | P | 05 27 59.7 | +1.8 |
| TAS | Tashkent | 59.21 315 | P | P | 05 20 36.4 | -0.4 |
| TAS | Tashkent | 59.21 315 | P | P | 05 27 59.3 | +0.1 |
| CHM | Chimkent | 59.35 316 | eP | P | 05 27 59.3 | +0.1 |
| CHM | Chimkent | 59.35 316 | eP | P | 05 20 37.3 | +1.3 |
| BRL5 | Borolday | 59.46 317 | eP | P | 05 20 36.4 | -0.4 |
| BRL5 | Borolday | 59.46 317 | eP | P | 05 27 59.3 | +0.1 |
| BRL5 | Borolday | 59.46 317 | eP | P | 05 20 36.3 | -0.4 |
| BRL5 | Borolday | 59.46 317 | eP | P | 05 27 59.3 | +0.1 |
| OTUK | Ortayu | 60.04 323 | P | P | 05 20 39.8 | -0.7 |
| MIDW | Midway | 60.27 61 | P | P | 05 20 42.3 | 0.0 |
| SEY | Seymchan | 60.53 15 | P | P | 05 20 43.1 | -0.2 |
| SEY | Seymchan | 60.53 15 | P | P | 05 24 24.2 | +2.9 |
| SEY | Seymchan | 60.53 15 | P | P | 05 28 16.4 | +4.6 |
| BRZ5 | Berezni | 60.65 325 | iP | P | 05 20 43.9 | -0.6 |
| BRZ5 | Berezni | 60.65 325d | iP | P | 05 28 13.7 | -0.1 |
| BRZ5 | Berezni | 60.65 325d | iP | P | 05 20 43.8 | -0.6 |
| BRZ5 | Berezni | 60.65 325d | iP | P | 05 28 13.6 | -0.1 |
| HRA | Herat | 62.62 306 | P | P | 05 20 56.6 | -1.2 |
| Ouz | Omahuta | 62.80 135 | P | P | 05 20 59.3 | +0.8 |
| JLN | Jalan Bani Buh | 63.39 292 | P | P | 05 21 01.7 | -0.9 |
| JLN | Jalan Bani Buh | 63.39 292 | P | P | 05 21 01.7 | -0.9 |
| BRVK | Borovoye | 63.42 327d | iP | P | 05 21 01.2 | -1.0 |
| BRVK | Borovoye | 63.42 327d | iP | P | 05 23 06.9 | +0.5 |
| BRVK | Borovoye | 63.42 327 | P | P | 05 21 01.3 | -1.0 |

| | | | | | | |
|-------|-----------------|-----------|----|------|------------|------|
| BRVK | Borovoye | 63.42 327 | P | P | 05 21 02.5 | +0.3 |
| BRVK | Borovoye | 63.42 327 | P | P | 05 21 02.5 | +0.3 |
| WBK | Wadi Bani Khal | 63.84 292 | P | P | 05 21 05.4 | -0.1 |
| WSAR | Wadi Sarin | 64.19 293 | P | P | 05 21 06.2 | -1.5 |
| WSAR | Wadi Sarin | 64.19 293 | P | P | 05 24 40.4 | |
| WSAR | Wadi Sarin | 64.19 293 | P | P | 05 28 56.1 | -1.6 |
| WSAR | Wadi Sarin | 64.19 293 | P | P | 05 49 54.4 | |
| AMKA | Amchitka | 64.51 35 | P | P | 05 21 09.9 | +0.9 |
| JMDO | Jabal Madar | 64.62 292 | P | P | 05 21 10.0 | -0.4 |
| MHTO | MHTO | 64.66 290 | P | P | 05 21 10.0 | -0.4 |
| MHTO | MHTO | 64.66 290 | P | P | 05 21 10.5 | -0.2 |
| MHTO | MHTO | 64.66 290 | P | P | 05 21 10.5 | -0.2 |
| BIDO | Bidbid | 64.68 293 | P | P | 05 21 10.4 | -0.4 |
| DCZ | Deep Cove | 64.70 147 | P | P | 05 21 09.9 | -0.4 |
| SMDO | Samad | 64.72 292 | P | P | 05 21 10.5 | -0.6 |
| PYZ | Puysegur Point | 64.90 148 | I | Iamb | 05 21 16.7 | |
| FOZ | Fox Glacier | 64.98 144 | P | P | 05 21 11.9 | -0.2 |
| DQM | DQM | 65.01 289 | P | P | 05 21 13.0 | +0.1 |
| DQM | DQM | 65.01 289 | P | P | 05 21 13.0 | +0.1 |
| MLZ | Mavora Lakes | 65.16 147 | I | Iamb | 05 21 17.7 | |
| DREZ | Durham Road | 65.26 138 | P | P | 05 21 15.3 | +1.3 |
| WKZ | Wanaka | 65.32 146 | I | Iamb | 05 21 21.2 | |
| HIZ | Haiti | 65.35 137 | I | Iamb | 05 21 21.4 | |
| WHZ | Weather Hill Ro | 65.40 147 | I | Iamb | 05 21 18.3 | |
| HOQ | Hoagain | 65.43 293 | P | P | 05 21 14.5 | -1.0 |
| HOQ | Hoagain | 65.43 293 | P | P | 05 21 14.5 | -1.0 |
| BSY | Bisyra | 65.48 292 | P | P | 05 21 17.6 | +1.8 |
| BSY | Bisyra | 65.48 292 | P | P | 05 21 17.6 | +1.8 |
| TIXI | Tiksi | 65.50 2 | iP | P | 05 21 13.3 | -1.6 |
| TIXI | Tiksi | 65.50 2 | iP | P | 05 21 12.8 | -2.0 |
| KNTN | Kanton | 65.63 96 | P | P | 05 21 17.2 | +0.4 |
| RPZ | Rata Peaks | 65.81 144 | P | P | 05 21 16.6 | -0.8 |
| RPZ | Rata Peaks | 65.81 144 | P | P | 05 21 22.0 | |
| RPZ | Rata Peaks | 65.81 144 | P | P | 05 21 23.0 | |
| THZ | Topouse | 65.81 141 | I | Iamb | 05 21 21.5 | |
| LTZ | Lake Taylor | 66.00 142 | I | Iamb | 05 21 23.1 | |
| ARQ | Arziq | 66.14 293 | P | P | 05 21 21.9 | +2.1 |
| ARQ | Arziq | 66.14 293 | P | P | 05 21 21.9 | +2.1 |
| OXZ | Oxford | 66.17 143 | P | P | 05 21 18.6 | -1.4 |
| OXZ | Oxford | 66.17 143 | P | P | 05 21 18.6 | -1.4 |
| SOHO | SOHO | 66.18 294 | iP | P | 05 21 21.7 | +1.7 |
| SOHO | SOHO | 66.18 294 | iP | P | 05 21 21.7 | +1.7 |
| ASHT | ASHT | 66.39 309 | P | P | 05 21 22.7 | +1.6 |
| ASHT | ASHT | 66.39 309 | P | P | 05 21 22.7 | +1.6 |
| MDH | Madha | 66.47 295 | P | P | 05 21 19.7 | -2.2 |
| BANOM | Banah | 66.52 295 | P | P | 05 21 20.8 | -1.4 |
| BANOM | Banah | 66.52 295 | P | P | 05 21 23.2 | +1.0 |
| BANOM | Banah | 66.52 295 | P | P | 05 21 23.2 | +1.0 |
| UOSS | UOSS | 66.53 294 | P | P | 05 21 20.7 | -1.5 |
| UOSS | UOSS | 66.53 294 | P | P | 05 21 20.4 | -1.8 |
| UOSS | UOSS | 66.53 294 | P | P | 05 21 23.7 | +1.5 |
| UOSS | UOSS | 66.53 294 | P | P | 05 21 23.7 | +1.5 |
| JOHN | Johnston Islan | 66.55 75 | P | P | 05 21 22.1 | -0.3 |
| JOHN | Johnston Islan | 66.55 75 | P | P | 05 21 27.4 | |
| KHZ | Katutara | 66.57 142 | I | Iamb | 05 21 25.3 | |
| HATD | Hatta, Dubai | 66.59 294 | iP | P | 05 21 21.3 | -1.3 |
| HATD | Hatta, Dubai | 66.59 294 | iP | P | 05 21 22.8 | +0.2 |
| HATD | Hatta, Dubai | 66.59 294 | iP | P | 05 21 22.8 | +0.2 |
| GEYT | Alibeck | 66.59 309 | P | P | 05 21 22.3 | 0.0 |
| GEYT | Alibeck | 66.59 309 | P | P | 05 23 26.9 | +0.9 |
| GEYT | Alibeck | 66.59 309 | P | P | 05 29 27.0 | +1.4 |
| GEYT | Alibeck | 66.59 309 | P | P | 05 49 49.6 | +4.3 |
| GEYT | Alibeck | 66.59 309 | P | P | 05 21 22.4 | 0.0 |
| MSFE | Esma-Masafi | 66.60 295 | iP | P | 05 21 21.8 | -0.9 |
| MASF | Masafi | 66.61 295 | P | P | 05 21 24.4 | +1.7 |
| RAO | Raoul Island | 66.64 125 | P | P | 05 21 23.6 | +0.8 |
| RAO | Raoul Island | 66.64 125 | P | P | 05 24 03.4 | +2.0 |
| RAO | Raoul Island | 66.64 125 | P | P | 05 21 21.0 | -1.7 |
| RAO | Raoul Island | 66.64 125 | P | P | 05 21 21.0 | -1.7 |
| ASHO | Ashiyahj | 66.65 294 | iP | P | 05 21 21.7 | -1.2 |
| ASHO | Ashiyahj | 66.65 294 | iP | P | 05 21 25.5 | +2.5 |
| SHME | Shamm | 66.67 296 | iP | P | 05 21 22.2 | -0.8 |
| SHME | Shamm | 66.67 296 | iP | P | 05 21 25.4 | +2.4 |
| SHME | Shamm | 66.67 296 | iP | P | 05 21 25.4 | +2.4 |
| SNZO | South Karori | 66.70 140 | P | P | 05 21 20.9 | -1.9 |
| MQZ | MQueen's Vall | 66.75 143 | I | Iamb | 05 21 37.8 | |
| URZ | Urewera | 66.76 136 | S | S | 05 29 26.1 | -1.2 |
| URZ | Urewera | 66.76 136 | S | S | 05 21 28.1 | |
| SHAO | Shalim | 66.77 287 | iP | P | 05 21 23.1 | -0.6 |
| SHAO | Shalim | 66.77 287 | iP | P | 05 21 24.5 | +0.7 |
| SHAO | Shalim | 66.77 287 | iP | P | 05 21 24.5 | +0.7 |
| BKZ | Black Stump Fm | 66.78 137 | I | Iamb | 05 21 28.0 | |

| | | | | | | |
|------|----------------|------------|----|------|------------|------|
| ALNE | Al Ain | 66.89 293 | iP | P | 05 21 23.9 | -0.5 |
| ALNE | Al Ain | 66.89 293 | P | P | 05 21 26.4 | +2.0 |
| NAZ | Nazwa, Dubai | 67.03 294 | iP | P | 05 21 24.3 | -1.0 |
| NAZ | Nazwa, Dubai | 67.03 294 | P | P | 05 21 27.3 | +2.0 |
| UMQ | Umm Al-Quwin | 67.06 295 | iP | P | 05 21 25.4 | 0.0 |
| UMQ | Umm Al-Quwin | 67.06 295 | P | P | 05 21 26.8 | +1.3 |
| FAQ | Al Faqa, Dubai | 67.07 294 | iP | P | 05 21 24.2 | -1.3 |
| FAQ | Al Faqa, Dubai | 67.07 294 | P | P | 05 21 27.6 | +2.1 |
| NR1K | Noril'sk | 67.24 347 | P | P | 05 21 27.6 | +2.1 |
| NR1K | Noril'sk | 67.24 347 | P | P | 05 29 30.5 | -1.4 |
| NR1K | Noril'sk | 67.24 347d | iP | P | 05 49 45.0 | |
| NR1K | Noril'sk | 67.24 347d | iP | P | 05 21 24.5 | -1.1 |
| MXZ | Matakaoa Point | 67.26 135 | I | Iamb | 05 21 30.7 | |
| ASUD | Al Ashush, Dub | 67.31 294 | iP | P | 05 21 26.3 | -0.6 |
| ASUD | Al Ashush, Dub | 67.31 294 | P | P | 05 21 26.6 | -0.3 |
| ASUD | Al Ashush, Dub | 67.31 294 | P | P | 05 21 26.6 | -0.3 |
| UMZA | Um Al Zommoel | 67.32 192 | P | P | 05 21 27.1 | -0.2 |
| BFZ | Birch Farm | 67.38 239 | P | P | 05 21 26.2 | -0.8 |
| DMTO | DMTO | 67.41 287 | P | P | 05 21 28.0 | +0.3 |
| MCQ | Macquarie Isla | 67.44 158 | P | P | 05 21 28.1 | 0.0 |
| AFI | Afiama | 67.58 108 | P | P | 05 21 28.9 | +0.2 |
| AFI | Afiama | 67 | | | | |

| | | | | | | | |
|------|-------------------------------------------|-------|-----|----|-----|------------|------|
| ANM | None | 76.54 | 25 | P | P | 05 22 19.3 | 0.0 |
| ANM | comp-Z,93nm,1.1s | | | | | | |
| ANM | None | 76.54 | 25 | P | P | 05 22 19.3 | 0.0 |
| GROC | Groznyy | 76.58 | 313 | eP | P | 05 25 26.2 | +2.8 |
| GROC | | | | | | 05 25 26.2 | +2.8 |
| GROC | | | | | | 05 25 35.2 | +2.8 |
| GROC | | | | | | 05 25 14.8 | -1.7 |
| GROC | | | | | | | |
| GNI | Garni | 77.19 | 310 | P | P | 05 22 23.1 | -0.5 |
| GNI | comp-Z,154nm,1.0s,baz=39,slow=2.9,SNR=18 | | | | | | |
| GNI | None | 77.19 | 310 | S | S | 05 31 22.8 | -0.6 |
| GNI | Garni | 77.19 | 310 | P | P | 05 22 25.0 | +1.4 |
| GNI | Garni | 77.19 | 310 | iP | P | 05 22 23.8 | +0.2 |
| GNI | | | | | | | |
| GNI | comp-Z,647nm,1.7s | | | | | | |
| GNI | Garni | 77.19 | 310 | P | P | 05 22 24.4 | +0.8 |
| SDPT | Sand Point | 77.20 | 35 | I | Amb | 05 22 25.9 | |
| OPA | Opapa | 77.39 | 69 | I | Amb | 05 22 29.9 | |
| KIP | Kipapa | 77.39 | 70 | eP | P | 05 22 25.5 | +0.6 |
| KIP | | | | | | | |
| KIP | comp-Z,279nm,0.8s | | | | | | |
| KIP | Kipapa | 77.39 | 70 | P | P | 05 22 25.8 | +0.9 |
| HON | Honolulu | 77.41 | 70 | P | P | 05 22 27.1 | +2.2 |
| HON | | | | | | | |
| HON | comp-Z,933nm,1.0s | | | | | | |
| HON | Honolulu | 77.41 | 70 | P | I | 05 22 27.1 | +2.2 |
| HON | | | | | | | |
| DAMY | Dhamar | 77.62 | 284 | P | P | 05 22 27.5 | +1.0 |
| ZEI | Tsey | 77.95 | 312 | eP | P | 05 22 26.5 | -1.2 |
| ZEI | | | | | | | |
| AKH | Akhalkalaki | 78.19 | 311 | iP | P | 05 22 29.1 | +0.2 |
| GEVA | Gevas | 78.43 | 308 | I | Amb | 05 22 35.3 | |
| GOF | Gofitskoye | 78.67 | 315 | eP | P | 05 22 31.3 | +0.1 |
| GOF | | | | | | 05 31 40.2 | +2.0 |
| GOF | | | | | | | |
| GOF | comp-Z,285nm,0.9s | | | | | | |
| GOF | | | | | | | |
| GOF | comp-E,161nm,1.2s | | | | | | |
| GOF | | | | | | | |
| GOF | comp-N,241nm,1.1s | | | | | | |
| KBZ | Khabaz | 78.72 | 313 | P | P | 05 22 30.4 | -1.1 |
| KBZ | comp-N,333nm,1.1s,baz=137,slow=2.6,SNR=25 | | | | | | |
| KBZ | | | | | | 05 24 41.0 | +0.1 |
| KBZ | comp-N,62nm,0.9s,baz=230,slow=2.3,SNR=2.1 | | | | | 05 31 38.4 | -0.4 |
| KBZ | | | | | | | |
| KBZ | Khabaz | 78.72 | 313 | eP | P | 05 22 31.2 | -0.2 |
| KBZ | | | | | | | |
| OPO | Ambodratompo | 78.76 | 250 | P | P | 05 22 31.1 | -1.3 |
| OPO | comp-Z,134nm,0.6s,baz=75,slow=5.0,SNR=87 | | | | | | |
| OPO | | | | | | 05 31 37.9 | -2.6 |
| ABPO | Ambohimpanom | 78.81 | 249 | P | P | 05 22 31.3 | -1.3 |
| ABPO | | | | | | | |
| ABPO | comp-Z,316nm,0.8s | | | | | | |
| ABPO | Ambohimpanom | 78.81 | 249 | P | I | 05 22 31.3 | -1.3 |
| ABPO | | | | | | | |
| KVAR | Kislovodsk Arr | 78.88 | 313 | P | P | 05 22 32.5 | 0.0 |
| KVAR | comp-Z,103nm,1.0s,baz=108,slow=20,SNR=13 | | | | | | |
| KVAR | | | | | | 05 31 41.6 | +1.0 |
| KIV | Kislovodsk | 78.88 | 313 | iP | P | 05 22 33.4 | +0.9 |
| KIV | Kislovodsk | 78.88 | 313 | iP | P | 05 22 32.7 | +0.2 |
| KIV | | | | | | | |
| KIV | Kislovodsk | 78.88 | 313 | eP | P | 05 22 32.5 | 0.0 |
| KIV | | | | | | 05 24 44.3 | +2.9 |
| KIV | | | | | | 05 25 49.3 | +3.9 |
| KIV | | | | | | 05 31 40.6 | -1.1 |
| KIV | | | | | | 05 37 04.9 | +0.1 |
| KIV | | | | | | 05 40 37.9 | |
| KIV | | | | | | | |
| KIV | comp-Z,1um,1.1s | | | | | | |
| KIV | | | | | | | |
| KIV | comp-Z,4um,4.8s | | | | | | |
| KIV | | | | | | | |
| KIV | comp-Z,6um,19.0s | | | | | | |
| KIV | Kislovodsk | 78.88 | 313 | P | I | 05 22 32.1 | -0.4 |
| KIV | | | | | | 05 22 37.6 | |
| KIV | comp-Z,396nm,1.0s | | | | | | |
| KIV | Kislovodsk | 78.88 | 313 | P | P | 05 22 33.9 | +1.4 |
| KIV | Halekalea | 79.07 | 70 | P | P | 05 22 36.8 | +2.6 |
| KIV | | | | | | 05 22 53.4 | |
| CAPN | | | | | | | |
| ANN | Anapa | 82.65 | 314 | eP | P | 05 22 49.6 | +2.1 |
| ANN | | | | | | 05 25 05.0 | +2.3 |
| ANN | | | | | | 05 26 08.3 | |
| ANN | | | | | | 05 28 09.7 | |
| ANN | | | | | | 05 32 09.6 | -4.1 |
| ANN | | | | | | | |
| ANN | comp-N,2um,1.1s | | | | | | |
| ANN | | | | | | | |
| ANN | comp-Z,604nm,1.1s | | | | | | |
| ANN | | | | | | | |
| ANN | comp-E,339nm,0.9s | | | | | | |
| ANN | | | | | | | |
| BRLL | Bradley Lake | 82.67 | 31 | I | Amb | 05 22 54.2 | |
| MLY | Manley | 82.60 | 25 | P | P | 05 22 51.5 | -0.5 |
| MLY | | | | | | 05 32 20.3 | +1.2 |
| CUT | Chullina | 82.98 | 28 | P | P | 05 22 51.9 | -1.0 |
| CUT | comp-Z,219nm,0.8s | | | | | | |
| CUT | | | | | | 05 32 20.1 | -0.7 |
| OBN | Obninsk | 83.02 | 325 | P | P | 05 22 51.8 | -1.5 |
| OBN | comp-Z,289nm,0.9s,baz=14,slow=1.6,SNR=9.0 | | | | | | |
| OBN | | | | | | 05 32 12.5 | -3.1 |
| OBN | Obninsk | 83.02 | 325 | iP | P | 05 22 51.9 | -1.3 |
| OBN | Obninsk | 83.02 | 325 | iP | P | 05 22 51.8 | -1.5 |
| COLD | Coldfoot | 83.05 | 23 | P | P | 05 22 53.6 | +2.2 |
| COLD | | | | | | | |
| GAZ | Gaziantep | 83.08 | 307 | P | I | 05 22 53.6 | -0.5 |
| GAZ | | | | | | 05 22 58.9 | |
| RC01 | Rabbit Creek A | 83.24 | 29 | P | P | 05 22 52.7 | -1.5 |
| RC01 | comp-Z,1um,1.2s | | | | | | |
| RC01 | | | | | | 05 32 22.7 | -0.8 |
| O22K | Cooper Landing | 83.25 | 30 | P | P | 05 22 53.4 | -0.8 |
| O22K | comp-Z,270nm,0.8s | | | | | | |
| O22K | Cooper Landing | 83.25 | 30 | I | Amb | 05 23 04.1 | |
| TOLK | Toolik Lake Re | 83.30 | 22 | P | P | 05 22 54.4 | 0.0 |
| TOLK | | | | | | | |
| TOLK | comp-Z,219nm,0.8s | | | | | | |
| TOLK | Toolik Lake Re | 83.30 | 22 | I | Amb | 05 22 59.2 | |
| I23K | Minto, Yukon-K | 83.38 | 25 | P | P | 05 22 54.6 | -0.2 |
| I23K | | | | | | | |
| I23K | comp-Z,270nm | | | | | 05 32 26.1 | +1.5 |
| I23K | Minto, Yukon-K | 83.38 | 25 | I | Amb | 05 22 59.0 | |
| NEA2 | Nenana | 83.51 | 26 | P | P | 05 22 54.5 | -1.0 |
| NEA2 | | | | | | | |
| NEA2 | comp-Z,271nm | | | | | 05 32 25.8 | -0.1 |
| TOKA | Tokat | 83.51 | 310 | P | I | 05 22 55.9 | -0.2 |
| TOKA | | | | | | 05 23 00.7 | |
| AAE | Adis Abeba | 83.53 | 278 | eP | P | 05 22 57.6 | +0.6 |
| AAE | | | | | | 05 32 26.4 | -2.3 |
| MCK | McKinley | 83.58 | 27 | P | P | 05 22 54.5 | -1.4 |
| MCK | | | | | | | |
| MCK | | | | | | 05 32 26.6 | -0.2 |
| FURI | Furi | 83.63 | 278 | P | P | 05 22 59.4 | +1.8 |

| | | | | | | | |
|------|-------------------------------------------|-------|-----|----|-----|------------|------|
| RAR | Rarotonga | 80.27 | 113 | P | P | 05 22 39.4 | -0.6 |
| RAR | comp-Z,115nm,0.9s,baz=248,slow=4.6,SNR=22 | | | | | | |
| RAR | Rarotonga | 80.27 | 113 | P | P | 05 22 40.4 | +0.4 |
| RAR | | | | | | | |
| RAR | comp-Z,227nm,1.0s | | | | | | |
| RAR | Rarotonga | 80.27 | 113 | P | P | 05 22 40.4 | +0.4 |
| KOPT | Kop Dag | 80.44 | 309 | I | Amb | 05 22 46.5 | |
| KTUT | Trabzon | 81.00 | 310 | iP | P | 05 22 42.7 | -0.6 |
| SOC | Sochi | 81.03 | 313 | eP | P | 05 22 41.1 | -2.4 |
| SOC | | | | | | 05 24 53.3 | -0.6 |
| SOC | | | | | | 05 25 58.1 | |
| SOC | | | | | | 05 27 54.0 | |
| SOC | | | | | | 05 31 59.7 | -2.5 |
| SOC | | | | | | 05 41 12.1 | |
| A21K | Barrow | 81.05 | 19 | P | P | 05 22 42.7 | -0.3 |
| A21K | comp-Z,232nm,0.9s | | | | | | |
| A21K | barrow | 81.05 | 19 | P | P | 05 32 02.9 | +1.5 |
| A21K | comp-Z,160nm,0.6s | | | | | | |
| OHAK | Old Harbor | 81.35 | 33 | I | Amb | 05 22 48.7 | |
| VORD | Vindogorice | 81.37 | 321 | eP | P | 05 22 43.2 | -1.9 |
| VORD | | | | | | 05 32 02.6 | -2.7 |
| VORD | | | | | | | |
| VORD | comp-Z,1um,1.2s | | | | | | |
| VORD | comp-Z,770nm,0.6s | | | | | | |
| VORD | | | | | | | |
| VORR | Voronezh | 81.44 | 321 | eP | P | 05 22 44.0 | -1.4 |
| VORR | | | | | | 05 32 04.0 | -2.0 |
| VORR | | | | | | | |
| VSR | Storozhevo | 81.45 | 321 | eP | P | 05 22 44.2 | -1.3 |
| VSR | | | | | | 05 32 01.9 | -4.3 |
| VSR | | | | | | | |
| VSR | comp-Z,1um,1.2s | | | | | | |
| VSR | comp-Z,2um,1.2s | | | | | | |
| VSR | | | | | | | |
| KLMR | Klimovskoe | 81.54 | 331 | dP | P | 05 22 44.0 | -1.6 |
| KLMR | | | | | | 05 32 02.6 | -4.0 |
| KLMR | | | | | | | |
| KLMR | comp-Z,3um,1.2s | | | | | | |
| KLMR | Klimovskoe | 81.54 | 331 | iP | P | 05 22 44.1 | -1.6 |
| KLMR | | | | | | 05 22 44.1 | -1.6 |
| KLMR | | | | | | 05 22 49.3 | |
| KLMR | comp-Z,3um,1.2s | | | | | | |
| KLMR | | | | | | 05 32 02.7 | -3.9 |
| KLMR | | | | | | 05 32 02.7 | -3.9 |
| LPSR | Galich'ya Gora | 81.62 | 322 | eP | P | 05 22 45.9 | -0.4 |
| LPSR | | | | | | 05 25 02.2 | -0.4 |
| LPSR | | | | | | 05 32 03.0 | -4.8 |
| LPSR | | | | | | | |
| LPSR | comp-Z,2um,1.1s | | | | | | |
| LPSR | comp-Z,2um,1.2s | | | | | | |
| LPSR | | | | | | | |
| KDAS | Kodiak Island | 81.75 | 33 | P | P | 05 22 46.0 | -0.8 |
| KDAS | comp-N,307nm,0.8s,baz=251,slow=2.6,SNR=33 | | | | | | |
| KDAS | | | | | | 05 32 04.8 | -4.0 |
| KDAS | Kodiak Island | 81.75 | 33 | I | Amb | 05 22 45.8 | -1.0 |
| KDAS | | | | | | | |
| CRZF | Crozet Islands | 81.75 | 221 | P | I | 05 22 45.6 | -1.4 |
| CRZF | | | | | | 05 22 53.6 | |
| HOM | Homer | 82.28 | 31 | P | P | 05 22 48.6 | -0.9 |
| HOM | comp-Z,103nm,0.8s | | | | | | |
| HOM | | | | | | 05 32 16.6 | +2.5 |
| HOM | | | | | | | |
| HOM | comp-Z,292nm,0.9s | | | | | | |
| HOM | | | | | | | |
| HOM | comp-Z,2um,1.1s | | | | | | |
| HOM | | | | | | | |
| MOS | Moscow | 82.42 | 325 | eP | P | 05 22 47.1 | -3.1 |
| MOS | | | | | | 05 24 59.8 | -1.4 |
| MOS | | | | | | 05 26 07.2 | |
| MOS | | | | | | 05 32 06.6 | -5.1 |
| MOS | | | | | | | |
| MOS | comp-Z,2um,1.1s | | | | | | |
| MOS | | | | | | | |
| MOS | comp-Z,4um,1.4s | | | | | | |
| CNPM | China Pool | 82.49 | 31 | P | P | 05 22 49.2 | -1.4 |
| CNPM | comp-N,307nm,0.8s,baz=251,slow=2.6,SNR=33 | | | | | | |
| CNPM | Captain Cook N | 82.54 | 30 | P | P | 05 22 50.2 | -0.5 |
| CNPM | | | | | | | |
| CAPN | | | | | | | |
| ANN | Anapa | 82.65 | 314 | eP | P | 05 22 49.6 | +2.1 |
| ANN | | | | | | 05 25 05.0 | +2.3 |
| ANN | | | | | | 05 26 08.3 | |
| ANN | | | | | | | |

| | | | | | |
|-------|--------------------------------------------|---------|--------|------------|------|
| ARCES | comp=Z,3.1nm,0.5s,baz=256,slow=2.1,SNR=12 | PKKPbc | PKKPbc | 05 41 02.1 | -1.8 |
| ARCES | comp=Z,4.2nm,0.9s,baz=259,slow=1.2,SNR=4.3 | SKKPbc | SKKPbc | 05 43 40.3 | -1.8 |
| BARN | comp=Z,1.98nm,1.0s | Iamb | Iamb | 05 23 12.4 | -0.9 |
| BARN | comp=Z,1.98nm,1.0s | Iamb | Iamb | 05 23 17.3 | |
| YAH | 87.20 30 | Iamb | Iamb | 05 23 17.5 | |
| KDZE | 87.25 311 | Iamb | P | 05 23 12.1 | -1.9 |
| CTGM | 87.32 29 | Iamb | Iamb | 05 23 18.1 | |
| HAMF | 87.35 341 | eP | P | 05 23 11.2 | -2.5 |
| HAMF | comp=Z,4.4um,1.5s | IVmB_BB | P | 05 23 16.0 | |
| HAMF | comp=Z,4.4um,1.5s | eSKSac | SKSac | 05 32 40.2 | -1.5 |
| SPAO | 87.40 349 | Iamb | Iamb | 05 23 18.5 | |
| SPAO | 87.40 349 | IVmB_BB | P | 05 23 12.1 | -1.8 |
| SPAO | comp=Z,5.4um,1.5s | IVmB_BB | P | 05 23 17.2 | |
| VARO | 87.40 349 | eSKSac | SKSac | 05 32 40.9 | -1.0 |
| SPITS | comp=Z,6.0nm,0.4s,baz=91,slow=6.9,SNR=79 | P | P | 05 23 12.3 | -1.6 |
| SPITS | comp=Z,8.0nm,1.1s,baz=94,slow=20,SNR=3.0 | P | P | 05 25 27.6 | +0.3 |
| LODK | 87.44 273 | P | P | 05 23 15.5 | 0.0 |
| AKASG | 87.76 321 | P | P | 05 23 13.6 | -2.4 |
| AKASG | comp=Z,6.5nm,0.5s,baz=67,slow=4.3,SNR=54 | P | P | 05 25 28.6 | -0.9 |
| AKASG | comp=Z,2.2nm,0.4s,baz=349,slow=3.6,SNR=2.0 | P | P | 05 26 54.2 | +0.4 |
| AKASG | comp=Z,9.4nm,1.0s,baz=69,slow=8.0,SNR=5.8 | SKIKP | SKIKP | 05 30 50.2 | +0.5 |
| AKASG | comp=Z,2.7nm,0.6s,baz=73,slow=1.9,SNR=4.7 | SKSAC | SKSAC | 05 33 43.1 | -1.8 |
| AKASG | comp=Z,17nm,1.0s,baz=77,slow=6.9,SNR=6.8 | ScS | S | 05 33 06.4 | -0.2 |
| AKASG | comp=Z,4.3nm,0.9s,baz=77,slow=8.9,SNR=12 | PKKPbc | PKKPbc | 05 40 58.8 | -2.4 |
| AKASG | comp=Z,2.6nm,0.5s,baz=264,slow=2.8,SNR=7.7 | SKKPbc | SKKPbc | 05 43 40.0 | +0.5 |
| AKASG | comp=Z,0.7nm,0.4s,baz=270,slow=3.0,SNR=5.0 | PKPPK | P | 05 49 03.2 | |
| AKASG | comp=Z,0.3nm,0.3s,baz=276,slow=3.4,SNR=4.2 | PKPPK | P | 05 23 13.6 | -2.4 |
| AKASG | 87.76 321 | Iamb | Iamb | 05 23 18.8 | |
| AKKB | 87.76 321 | Iamb | Iamb | 05 23 18.8 | |
| KTK1 | 87.82 339 | eP | P | 05 23 13.7 | -2.3 |
| KTK1 | 87.85 345 | eSKSac | SKSac | 05 32 41.2 | -3.4 |
| BJO1 | 87.85 345 | eSKSac | SKSac | 05 32 40.1 | -4.4 |
| HSPB | 87.94 348 | eP | P | 05 23 15.2 | -1.2 |
| HSPB | 87.94 348 | eSKSac | SKSac | 05 32 45.5 | +0.5 |
| HSPB | 87.94 348 | eS | S | 05 33 06.3 | -1.1 |
| HSPB | 87.94 348 | eL | L | 06 04 59.0 | |
| HSPB | comp=Z,2.2um,24.1s | IVmB_BB | P | 05 23 15.1 | -1.3 |
| HSPB | comp=Z,3um,1.1s | IVmB_BB | P | 05 32 43.9 | -1.1 |
| KBS | 87.98 350 | eSKSac | SKSac | 05 23 16.6 | +0.1 |
| FIA1 | 88.00 332 | P | P | 05 23 15.5 | -1.4 |
| FIA1 | 88.00 332 | Iamb | Iamb | 05 23 19.9 | |
| FINES | 88.00 332 | P | P | 05 23 14.7 | -2.2 |
| FINES | comp=Z,1.34nm,0.6s,baz=50,slow=5.3,SNR=178 | S | S | 05 32 44.5 | -1.4 |
| FINES | comp=Z,2.6nm,0.9s,baz=80,slow=12,SNR=7.2 | PKKPbc | PKKPbc | 05 41 00.5 | -0.5 |
| FINES | comp=Z,4.2nm,0.4s,baz=268,slow=2.1,SNR=13 | PKKPbc | PKKPbc | 05 23 17.0 | -0.5 |
| MICGM | 88.08 324f | PM | P | 05 23 20.0 | |
| MICGM | comp=Z,2.4nm,0.8s | PM | P | 05 23 21.0 | |
| MICGM | comp=E,1.1nm,1.0s | eP | P | 05 25 28.0 | -2.8 |
| MICGM | | ePP | PP | 05 26 36.0 | +2.7 |
| MICGM | | ePPP | PPP | 05 28 48.0 | |
| MICGM | | eSKS | SKS | 05 32 47.0 | +0.4 |
| MICGM | | eSS | SSS | 05 33 08.0 | -1.5 |
| MICGM | | eS | S | 05 33 12.0 | |
| MICGM | comp=N,4.8nm,6.0s | SM | S | 05 33 12.0 | |
| MICGM | comp=E,7.5nm,6.0s | SM | S | 05 36 36.0 | -3.3 |
| MICGM | | eSS | SSS | 05 36 46.0 | -3.2 |
| MICGM | | eSSS | SSS | 05 42 58.0 | |
| MICGM | | eLR | LR | 06 01 30.0 | |
| MNK | 88.08 324f | eP | P | 05 23 17.0 | -0.5 |
| MNK | | ePP | PP | 05 25 28.0 | -2.8 |
| MNK | | eP | P | 05 26 36.0 | |
| MNK | | eS | S | 05 32 47.0 | |
| MNK | | eSS | SSS | 05 33 09.0 | -0.5 |
| MNK | | eS | S | 05 42 58.0 | |
| MNK | comp=Z,2um,0.8s | pmx | pmx | | |
| MNK | comp=E,1um,1.0s | smx | smx | | |
| MNK | comp=N,5um,6.0s | smx | smx | | |
| MNK | comp=E,8um,6.0s | smx | smx | | |
| VSU | 88.14 328 | eP | P | 05 23 15.9 | -1.7 |
| VSU | 88.14 328 | eP | P | 05 23 15.1 | -2.5 |
| VSU | comp=Z,5.17nm,0.7s | pmx | pmx | | |
| ISP | 88.33 308 | P | P | 05 23 17.5 | -1.7 |
| ISP | comp=Z,147nm,0.8s | pmx | pmx | | |
| ISP | 88.33 308 | Iamb | Iamb | 05 23 17.5 | -1.7 |
| ISP | comp=Z,147nm,0.8s | Iamb | Iamb | 05 23 22.2 | |
| KIS | 88.48 317 | iP | P | 05 23 20.8 | +1.3 |
| KIS | comp=Z,600nm,4.9s | iP | P | 05 25 34.0 | +0.7 |
| KIS | | iPP | PP | 05 26 26.0 | -9.4 |
| KIS | | iPP | PP | 05 26 55.0 | -4.7 |
| KIS | | eSKS | SKS | 05 32 47.0 | -2.3 |
| KIS | | eS | S | 05 33 09.0 | -4.5 |
| KIS | comp=Z,2um,9.1s | eS | S | 05 37 12.0 | -0.2 |
| KIS | | eL | L | 05 46 55.0 | |
| KIS | | eLRM | MLR | 05 47 22.0 | |
| KIS | comp=Z,1um,23.5s | P | P | 05 23 20.8 | +1.3 |
| KIS | | iPP | PP | 05 25 34.0 | +0.7 |
| KIS | | eS | S | 05 26 55.0 | |
| KIS | | eS | S | 05 32 47.0 | |
| KIS | | eS | S | 05 33 09.0 | -4.5 |
| KIS | comp=Z,600nm,4.9s | pmx | pmx | | |
| KIS | comp=E,2um,9.1s | smx | smx | | |
| MILM | 88.50 317 | iP | P | 05 23 17.7 | -1.9 |
| IDID | 88.61 325 | eP | P | 05 23 18.9 | -1.1 |
| SORM | 88.65 318 | iP | P | 05 23 18.1 | -2.1 |
| NACGM | 88.65 325 | eP | P | 05 23 18.0 | -2.1 |
| NACGM | comp=Z,1.2nm,1.0s | PM | P | 05 23 24.0 | |
| NACGM | | eP | PP | 05 25 36.0 | +2.3 |
| NACGM | | ePP | PPP | 05 26 40.0 | +4.1 |
| NACGM | | ePPP | PPP | 05 28 54.0 | |
| NACGM | | eSKS | SKS | 05 32 40.0 | -1.0 |
| NACGM | | eSS | SSS | 05 33 16.0 | +1.3 |
| NACGM | | eSS | SSS | 05 35 16.0 | +1.6 |
| NACGM | | eSSS | SSS | 05 39 20.0 | -5.8 |
| NACGM | | eSSS | SSS | 05 46 32.0 | |
| TLCR | 88.72 315 | iP | P | 05 23 19.1 | -1.6 |
| JURR | 88.73 315 | iP | P | 05 23 19.2 | -1.5 |
| IZAR | 88.82 326 | eP | P | 05 23 20.2 | -0.6 |
| ISAL | 88.92 326 | eP | P | 05 23 20.1 | -1.3 |
| TPGR | 89.04 315 | iP | P | 05 23 21.5 | -0.7 |
| TIRR | 89.10 314 | iP | P | 05 23 21.2 | -1.2 |
| TIRR | 89.10 314 | iP | P | 05 23 21.2 | -1.2 |
| MFTR | 89.13 314 | iP | P | 05 23 21.8 | -0.7 |
| TRO | 89.17 314 | iP | P | 05 23 20.5 | -1.6 |
| TRO | comp=Z,2um,1.2s | IVmB_BB | P | 05 23 24.4 | |
| TRO | | eP | PP | 05 25 36.7 | +0.7 |
| TRO | | eSKS | SKS | 05 32 46.8 | -5.5 |
| TRO | | eS | S | 05 37 17.7 | |
| TRO | | eSS | SSS | 05 39 36.8 | +4.5 |

| | | | | | | |
|--------|--------------------------------------------|-----------|--------|------------|------------|------|
| CFR | Carcaliu | 89.20 315 | iP | P | 05 23 21.5 | -1.4 |
| INK | Inuvik | 89.20 21 | P | P | 05 23 20.8 | -1.6 |
| INK | comp=Z,3.6nm,0.9s,baz=269,slow=4.8,SNR=28 | PP | P | 05 25 36.6 | -0.6 | |
| INK | comp=Z,6.2nm,0.7s,baz=336,slow=4.3,SNR=11 | PP | P | 05 25 36.6 | -0.6 | |
| INK | comp=Z,5.3nm,0.9s,baz=174,slow=3.1,SNR=52 | S | SKSac | 05 32 50.6 | -1.9 | |
| INK | comp=Z,7.3nm,0.7s,baz=48,slow=3.6,SNR=9.7 | PKKPbc | PKKPbc | 05 40 51.6 | -0.1 | |
| INK | comp=Z,9.2nm,0.9s,baz=101,slow=5.5,SNR=7.5 | SKKPbc | SKKPbc | 05 43 34.9 | -2.0 | |
| VASR | Vaslui | 89.23 317 | iP | P | 05 23 22.1 | -0.9 |
| PPT | Papeete | 89.25 108 | P | P | 05 23 21.2 | -2.5 |
| PPT | comp=Z,35nm,0.8s,baz=322,slow=20,SNR=2.2 | PP | P | 05 27 12.1 | +5.5 | |
| PPT | comp=Z,135nm,1.1s,baz=352,slow=3.0,SNR=4.9 | PP | P | 05 23 26.3 | +2.5 | |
| PPT2 | Papeete2 | 89.25 108 | eP | P | 05 23 26.3 | +2.5 |
| PAE | comp=Z,4.7nm,1.3s | 89.26 108 | eP | P | 05 23 26.3 | +2.6 |
| PPTF | Pamatai, Papee | 89.26 108 | P | P | 05 23 23.9 | +0.1 |
| PPTF | comp=Z,370nm,1.0s | Iamb | Iamb | 05 23 33.2 | | |
| VARO | Variez | 89.30 316 | iP | P | 05 23 22.3 | -1.0 |
| IAS | IASI | 89.31 317 | iP | P | 05 23 20.6 | -2.8 |
| SCHL | Schela | 89.36 317 | iP | P | 05 23 22.3 | -1.3 |
| CVDA | Cernavoda | 89.38 314 | iP | P | 05 23 23.3 | -0.4 |
| BIFR | Bihad | 89.40 316 | iP | P | 05 23 23.6 | -0.1 |
| HABOVA | Habova | 89.41 315 | iP | P | 05 23 22.7 | -0.7 |
| TIAR | Tiarei | 89.47 108 | eP | P | 05 23 27.2 | +2.5 |
| GHRH | Taravao | 89.58 316 | iP | P | 05 23 24.6 | 0.0 |
| TVO | Taravao | 89.58 108 | eP | P | 05 23 28.0 | +2.7 |
| PETR | Petresti | 89.75 316 | iP | P | 05 23 24.8 | -0.6 |
| ODBI | Odobesti | 89.86 316 | iP | P | 05 23 25.9 | 0.0 |
| GRER | GRER | 89.98 316 | iP | P | 05 23 27.1 | +0.6 |
| TBI | Tubuai | 90.02 113 | eP | P | 05 23 29.5 | +2.4 |
| TESR | Tescani | 90.03 317 | iP | P | 05 23 25.0 | -1.7 |
| PGOR | Pogonele | 90.04 315 | iP | P | 05 23 26.5 | -0.3 |
| VRI | Vrincioaia | 90.08 316 | iP | P | 05 23 25.7 | -1.3 |
| PLOR | Plostina | 90.13 316 | iP | P | 05 23 26.0 | -1.2 |
| BISCA | Bisoca | 90.14 316 | iP | P | 05 23 26.5 | -0.9 |
| PABE | Paberze | 90.14 326 | eP | P | 05 23 26.0 | -1.0 |
| PRAR | RASCA | 90.18 318 | iP | P | 05 23 25.2 | -2.2 |
| LEHL | Lelihu | 90.22 315 | iP | P | 05 23 27.0 | -0.6 |
| ISR | Istrita | 90.32 315 | iP | P | 05 23 28.2 | 0.0 |
| BIZ | Bicaz | 90.33 317 | iP | P | 05 23 26.7 | -1.4 |
| NEHR | Nelciu | 90.44 316 | iP | P | 05 23 27.6 | -1.1 |
| WHY | Whitethorse | 90.49 29 | Iamb | Iamb | 05 23 32.8 | |
| SKAGWY | Skagway | 90.54 30 | Iamb | Iamb | 05 23 32.9 | |
| PMOR | Pomarioree | 90.57 105 | eP | P | 05 23 32.3 | +2.5 |
| SULR | Sulawesi | 90.59 315 | iP | P | 05 23 28.9 | -0.4 |
| SLIT | Slitere, Latvi | 90.61 328 | eP | P | 05 23 26.0 | -3.1 |
| MLR | Muntele Rosu | 90.67 315 | iP | P | 05 23 29.0 | -0.7 |
| MLR | comp=Z,230nm,1.1s,baz=333,slow=4.9,SNR=32 | PP | PP | 05 27 18.3 | +1.3 | |
| MLR | comp=Z,97nm,1.1s,baz=12,slow=4.4,SNR=4.5 | PP | PP | 05 23 28.3 | -1.6 | |
| NH2H | Nhahia | 90.68 316 | iP | P | 05 23 26.6 | -2.7 |
| MEH | Mehetia | 90.71 108 | eP | P | 05 23 32.5 | +2.1 |
| BURAR | Bucovina Array | 90.81 318 | iP | P | 05 23 29.5 | -0.9 |
| BURAR | Bucovina Array | 90.81 318 | P | P | 05 23 29.0 | -1.4 |
| BURAR | Bucovina Ar. S | 90.82 318 | Iamb | Iamb | 05 23 34.9 | |
| VAH | Vaihoa | 90.85 105 | eP | P | 05 23 33.4 | +2.3 |
| SUW | Suwaiiki | 90.88 324 | eP | P | 05 23 28.4 | -2.0 |
| SUW | | ePP | PP | 05 27 21.5 | +3.4 | |
| SUW | | eSKSac | SKSac | 05 33 02.7 | +0.1 | |
| SUW | | eS | S | 05 33 29.8 | -4.8 | |
| SUW | | eL | L | 05 48 00.9 | | |
| STEI | Steigen | 90.95 339 | eP | P | 05 23 27.9 | -2.6 |
| STEI | comp=Z,2um,1.5s | IVmB_BB | P | 05 23 32.6 | | |
| STEI | Dopa | 90.98 316 | iP | P | 05 32 58.7 | -3.8 |
| DEBR | Dopsis Mountain | 90.98 31 | Iamb | Iamb | 05 23 31.1 | 0.0 |
| DEBR | comp=Z,196nm,1.2s | PP | PP | 05 23 35.7 | | |
| N2ST | Straumen | 91.01 338 | eP | P | 05 23 28.6 | -2.1 |
| SZH | Sztrachina | 91.05 314 | eP | P | 05 23 33.6 | +2.1 |
| FAUS | Fauske | 91.11 338 | eP | P | 05 23 30.5 | -0.7 |
| FAUS | comp=Z,3um,1.0s | IVmB_BB | P | 05 23 33.4 | | |
| FAUS | | eSKSac | SKSac | 05 33 00.6 | -2.9 | |
| PBUR | Paburge | 91.16 327 | eP | P | 05 23 30.3 | -1.4 |
| L'vov | L'vov | 91.19 320 | eP | P | 05 23 31.0 | -1.0 |
| L'vov | | e | e | 05 32 58.0 | | |
| L'vov | | eS | S | 05 33 35.0 | -2.5 | |
| JIS | Juneau Island | 91.30 31 | Iamb | Iamb | 05 23 37.1 | |
| VOIR | Alexandroupoli | 91.31 316 | iP | P | 05 23 30.8 | -1.9 |
| ALN | Alexandroupoli | 91.35 311 | P | P | 05 23 30.9 | -2.0 |
| ALN | comp=Z,178nm,1.1s | pmx | pmx | | | |
| ALN | Alexandroupoli | 91.35 311 | Iamb | Iamb | 05 23 30.9 | -2 |

Table with columns: NEW, Newport, 107.43, 37, Pdif, Pdif, 05 24 30.9 -0.7, etc. Lists various locations and their associated data.

Table with columns: PV16, Nyswonger Mesa, 114.51, 43, PKIKP, 05 29 04.6 +1.5, etc. Lists various locations and their associated data.

Table with columns: KOWA, Kowa, 123.73, 292, PKPpdf, 05 29 19.8 -1.4, etc. Lists various locations and their associated data.

| | | | | | | | |
|------|------------------|--------|-----|-------|-------|------------|------|
| J58A | Remsen | 127.94 | 17 | PKIKP | PKPdf | 05 29 28.4 | 0.0 |
| J58A | Remsen | 127.94 | 17 | PKIKP | PKPPr | 05 29 29.9 | +0.8 |
| G65A | Princeton | 127.96 | 10 | PKIKP | PKPPr | 05 29 27.9 | -0.5 |
| LBNH | Lisbon | 128.01 | 14 | PKIKP | PKPdf | 05 29 28.3 | -0.2 |
| H63A | New Sharon | 128.02 | 12 | PKIKP | PKPdf | 05 29 28.0 | -0.5 |
| WC1 | Wyandotte Cave | 128.03 | 29 | PKIKP | PKPdf | 05 29 28.4 | -0.3 |
| WC1 | Wyandotte Cave | 128.03 | 29 | PKIKP | PKPPr | 05 29 28.7 | 0.0 |
| WC1 | Wyandotte Cave | 128.03 | 29 | PKIKP | PKPPr | 05 29 28.7 | 0.0 |
| Z41A | Richland Creek | 128.03 | 39 | PKIKP | PKPdf | 05 29 28.5 | -0.4 |
| Z41A | Richland Creek | 128.03 | 39 | PKIKP | PKPPr | 05 29 29.2 | +0.3 |
| 160A | Shoreham | 128.04 | 15 | PKIKP | PKPdf | 05 29 28.5 | -0.1 |
| ROSA | Rosais | 128.04 | 332 | ePP | PP | 05 31 41.4 | +0.1 |
| J59A | Piesco | 128.07 | 16 | PKIKP | PKPPr | 05 29 28.0 | -0.7 |
| J59A | Piesco | 128.07 | 16 | PKIKP | PKPPr | 05 29 29.1 | +0.3 |
| K57A | Scipio Center | 128.14 | 18 | PKIKP | PKPPr | 05 29 28.6 | -0.3 |
| M54A | Oil Creek Stat | 128.15 | 22 | PKIKP | PKIKP | 05 29 29.3 | -0.3 |
| H64A | Troy | 128.20 | 11 | PKIKP | PKPdf | 05 29 28.4 | -0.5 |
| I61A | Oroboro, Fairl | 128.23 | 14 | PKIKP | PKPdf | 05 29 28.4 | -0.6 |
| PICO | Pico | 128.31 | 332 | ePP | PP | 05 31 42.3 | -0.7 |
| X43A | Marvell | 128.32 | 36 | PKIKP | PKPPr | 05 29 28.7 | 0.0 |
| H65A | Earl | 128.32 | 36 | PKIKP | PKPPr | 05 29 28.5 | -0.9 |
| L56A | Greenwood | 128.34 | 20 | PKIKP | PKPdf | 05 29 28.9 | -0.5 |
| K58A | Earville | 128.38 | 18 | PKIKP | PKPdf | 05 29 28.9 | -0.4 |
| H66A | Whiting | 128.41 | 10 | PKIKP | PKPdf | 05 29 29.3 | +0.1 |
| I62A | Tamworth | 128.49 | 13 | PKIKP | PKPdf | 05 29 29.0 | -0.5 |
| I63A | Otisfield | 128.49 | 13 | PKIKP | PKPdf | 05 29 29.7 | +0.2 |
| N54A | Moraine State | 128.51 | 22 | PKIKP | PKIKP | 05 29 30.1 | -0.3 |
| J60A | Lant Hill Farm | 128.57 | 15 | PKIKP | PKPdf | 05 29 29.5 | -0.1 |
| K59A | Cooperstown | 128.60 | 17 | PKIKP | PKPPr | 05 29 29.9 | +0.1 |
| O53A | New Philadelphia | 128.64 | 24 | PKIKP | PKIKP | 05 29 30.4 | -0.3 |
| J61A | Chester | 128.69 | 15 | PKIKP | PKPPr | 05 29 29.4 | -0.5 |
| L57A | Andrews Acres | 128.69 | 19 | PKIKP | PKPPr | 05 29 30.0 | 0.0 |
| M56A | Emporium | 128.71 | 21 | PKIKP | PKPPr | 05 29 30.0 | 0.0 |
| P52A | Corning | 128.78 | 25 | PKIKP | PKPPr | 05 29 29.5 | -0.7 |
| BIN9 | Binghamton | 128.79 | 18 | PKIKP | PKPPr | 05 29 30.3 | +0.1 |
| I64A | Boothbay | 128.81 | 12 | PKIKP | PKPdf | 05 29 30.0 | -0.1 |
| W45A | Hickory Valley | 128.84 | 34 | PKPPr | PKPPr | 05 29 30.6 | +0.2 |
| W45A | Waverly | 128.85 | 32 | PKPPr | PKPPr | 05 29 29.8 | -0.6 |
| L58A | Harry Jones Me | 128.87 | 18 | PKIKP | PKPPr | 05 29 30.2 | -0.3 |
| J62A | Henniker | 128.89 | 14 | PKIKP | PKIKP | 05 29 31.3 | +0.1 |
| K60A | Five Rivers En | 129.02 | 16 | PKIKP | PKIKP | 05 29 30.9 | -0.3 |
| L59A | Walton | 129.08 | 17 | PKIKP | PKPPr | 05 29 30.5 | -0.2 |
| J63A | Stratford | 129.11 | 13 | PKIKP | PKPPr | 05 29 30.8 | +0.1 |
| K61A | Williamstown | 129.14 | 16 | PKIKP | PKPPr | 05 29 30.5 | -0.3 |
| N56A | West Cataur | 129.17 | 21 | PKIKP | PKPPr | 05 29 30.8 | -0.1 |
| OXF | Oxford | 129.18 | 35 | PKIKP | PKPPr | 05 29 31.1 | 0.0 |
| OXF | Oxford | 129.18 | 35 | PKIKP | PKPPr | 05 29 30.7 | -0.4 |
| M57A | Sunshine Farm, | 129.20 | 20 | PKIKP | PKPPr | 05 29 31.4 | -0.3 |
| M58A | Price's Panora | 129.39 | 19 | PKIKP | PKPPr | 05 29 31.3 | 0.0 |
| K62A | Royalston | 129.41 | 15 | PKIKP | PKPPr | 05 29 31.7 | +0.4 |
| L61A | Northampton | 129.50 | 15 | PKIKP | PKIKP | 05 29 32.4 | +0.1 |
| L61A | Hillsdale 1, H | 129.51 | 16 | PKIKP | PKPPr | 05 29 31.6 | +0.2 |
| L60A | Shokan | 129.51 | 17 | PKIKP | PKIKP | 05 29 32.0 | -0.4 |
| M59A | Waymart | 129.56 | 18 | PKIKP | PKIKP | 05 29 32.1 | -0.4 |
| SP9A | Standing Stone | 129.56 | 21 | PKIKP | PKIKP | 05 29 32.3 | -0.2 |
| K63A | Dunstable | 129.57 | 14 | PKIKP | PKIKP | 05 29 32.6 | +0.3 |
| N57A | Milroy | 129.57 | 20 | PKIKP | PKPPr | 05 29 31.8 | +0.1 |
| O56A | Blue Knob Stat | 129.64 | 22 | PKIKP | PKPPr | 05 29 31.8 | -0.1 |
| MCW9 | Mont Chateau | 129.69 | 23 | PKIKP | PKPPr | 05 29 31.6 | -0.2 |
| Q53A | Leroy | 129.69 | 25 | PKIKP | PKPPr | 05 29 32.2 | +0.3 |
| HRV | Adam Dzewonski | 129.73 | 14 | PKIKP | PKPPr | 05 29 32.2 | +0.3 |
| N58A | Sunbury | 129.78 | 20 | PKIKP | PKIKP | 05 29 32.6 | -0.3 |
| S51A | Beattyville | 129.78 | 28 | PKPPr | PKPPr | 05 29 31.8 | -0.3 |
| Q54A | Coxs Mills | 129.87 | 24 | PKIKP | PKPPr | 05 29 31.9 | -0.4 |
| R53A | Hurricane | 129.95 | 26 | PKIKP | PKPPr | 05 29 32.7 | +0.3 |
| M60A | Port Jervis | 130.00 | 17 | PKIKP | PKPPr | 05 29 32.8 | +0.4 |
| N59A | State Game Lan | 130.02 | 19 | PKIKP | PKPPr | 05 29 32.3 | -0.3 |
| O57A | Amberson | 130.03 | 21 | PKIKP | PKPPr | 05 29 32.4 | -0.1 |
| VBMS | Vicksburg | 130.14 | 38 | PKIKP | PKPPr | 05 29 32.7 | -0.2 |
| Q55A | Buckhannon | 130.16 | 24 | PKIKP | PKPPr | 05 29 32.1 | -0.8 |
| P56A | Dayton Farm, R | 130.21 | 22 | PKIKP | PKPPr | 05 29 32.5 | -0.4 |
| M61A | Granite Spring | 130.26 | 17 | PKIKP | PKPPr | 05 29 32.9 | 0.0 |
| N60A | Cedar Hill Far | 130.27 | 18 | PKIKP | PKPPr | 05 29 33.2 | +0.2 |
| L63A | North Scituate | 130.32 | 14 | PKIKP | PKIKP | 05 29 33.5 | -0.4 |
| O58A | Lewisberry | 130.35 | 20 | PKIKP | PKIKP | 05 29 33.9 | -0.2 |
| S53A | Williamson | 130.41 | 26 | PKIKP | PKPPr | 05 29 33.6 | +0.2 |
| O59A | Robesonia | 130.43 | 19 | PKIKP | PKIKP | 05 29 33.8 | -0.4 |
| L64A | Middleborough | 130.44 | 14 | PKIKP | PKIKP | 05 29 34.2 | 0.0 |
| Q56A | Snyder Ridge, | 130.48 | 23 | PKIKP | PKPPr | 05 29 33.8 | +0.4 |
| R54A | Victor | 130.48 | 25 | PKIKP | PKPPr | 05 29 33.6 | +0.1 |
| PAL | Palisades | 130.51 | 17 | PKIKP | PKPPr | 05 29 33.7 | +0.4 |
| P57A | Homehead Farm | 130.53 | 22 | PKIKP | PKIKP | 05 29 34.0 | -0.4 |
| USHA | Ushuaia | 130.59 | 171 | SKPbc | SKPbc | 05 31 58.0 | -1.1 |
| N61A | South Mountain | 130.62 | 17 | PKIKP | PKPPr | 05 29 34.1 | +0.5 |
| M63A | Gales Ferry | 130.65 | 15 | PKIKP | PKPPr | 05 29 33.9 | +0.3 |
| S54A | Dingess, Beckl | 130.67 | 26 | PKIKP | PKIKP | 05 29 34.5 | -0.3 |
| S54A | Dingess, Beckl | 130.67 | 26 | PKIKP | PKPPr | 05 29 32.6 | -1.2 |
| TZTN | Tazewell | 130.69 | 29 | PKPPr | PKIKP | 05 29 34.8 | -0.1 |

| | | | | | | | |
|------|------------------|--------|----|-------|-------|------------|------|
| M64A | Tiverton | 130.72 | 14 | PKIKP | PKIKP | 05 29 34.7 | 0.0 |
| R55A | Marlington | 130.76 | 24 | PKIKP | PKPPr | 05 29 34.1 | +0.1 |
| Q57A | Stuart Ferryng | 130.78 | 22 | PKIKP | PKPPr | 05 29 34.0 | +0.1 |
| P58A | Pank, Wackersv | 130.78 | 21 | PKIKP | PKPPr | 05 29 34.2 | +0.2 |
| TS3A | Wise | 130.80 | 27 | PKIKP | PKPPr | 05 29 33.4 | -0.8 |
| L50A | Lakeview Mountai | 130.88 | 31 | PKPPr | PKPPr | 05 29 32.6 | -1.7 |
| V51A | Loudon | 130.89 | 30 | PKPPr | PKPPr | 05 29 33.4 | -0.9 |
| Z47A | Carrollton | 130.89 | 35 | PKPPr | PKPPr | 05 29 34.7 | +0.4 |
| R56A | Bull Pasture M | 130.94 | 24 | PKIKP | PKPPr | 05 29 34.0 | -0.4 |
| P59A | Jarrettsville | 130.98 | 20 | PKIKP | PKIKP | 05 29 34.9 | -0.5 |
| S55A | Lewisburg | 131.03 | 25 | PKIKP | PKPPr | 05 29 35.0 | +0.4 |
| P60A | Greenville | 131.06 | 19 | PKIKP | PKPPr | 05 29 34.4 | 0.0 |
| CPCT | Cooper Cave | 131.09 | 30 | PKPPr | PKPPr | 05 29 34.5 | -0.1 |
| O61A | Altoontown | 131.15 | 18 | PKIKP | PKPPr | 05 29 35.1 | +0.5 |
| T54A | Tazewell | 131.17 | 26 | PKIKP | PKPPr | 05 29 35.4 | +0.5 |
| Y49A | Blount Mountai | 131.33 | 33 | PKPPr | PKPPr | 05 29 34.0 | -1.1 |
| R57A | Stanardsville | 131.38 | 23 | PKIKP | PKPPr | 05 29 35.6 | +0.5 |
| T55A | Pulaski | 131.47 | 26 | PKIKP | PKPPr | 05 29 35.8 | +0.4 |
| S56A | Natural Bridge | 131.50 | 24 | PKIKP | PKIKP | 05 29 36.1 | -0.4 |
| BLA | Blacksburg | 131.54 | 25 | PKIKP | PKPPr | 05 29 35.7 | +0.2 |
| R58A | Rapidan | 131.58 | 22 | PKIKP | PKPPr | 05 29 35.8 | +0.3 |
| LRAL | Lakeview Retre | 131.62 | 34 | PKIKP | PKPPr | 05 29 35.7 | 0.0 |
| LRAL | Lakeview Retre | 131.62 | 34 | PKPPr | PKPPr | 05 29 34.6 | -1.1 |
| S57A | Dark Hollow, R | 131.68 | 24 | PKIKP | PKPPr | 05 29 35.8 | +0.1 |
| Q60A | Greensboro | 131.72 | 20 | PKIKP | PKPPr | 05 29 36.3 | +0.5 |
| T56A | Rocky Mt | 131.86 | 25 | PKIKP | PKPPr | 05 29 36.3 | +0.2 |
| U55A | North Sparta | 131.87 | 26 | PKIKP | PKIKP | 05 29 36.9 | -0.5 |
| CBN | Corbin Frederi | 131.89 | 22 | PKIKP | PKIKP | 05 29 37.1 | -0.1 |
| R58B | Mineral | 131.92 | 22 | PKIKP | PKPPr | 05 29 36.4 | +0.3 |
| R59A | King George, V | 131.99 | 22 | PKIKP | PKPPr | 05 29 36.6 | +0.4 |
| V54A | Nelso | 132.06 | 28 | PKIKP | PKIKP | 05 29 37.4 | -0.3 |
| S58A | Plant Farm, P | 132.16 | 23 | PKIKP | PKPPr | 05 29 37.1 | +0.5 |
| T57A | Hurt | 132.21 | 24 | PKIKP | PKPPr | 05 29 37.3 | +0.6 |
| U56A | King | 132.29 | 26 | PKIKP | PKIKP | 05 29 37.7 | -0.5 |
| S59A | Mechanicsville | 132.31 | 22 | PKIKP | PKIKP | 05 29 38.2 | +0.1 |
| V55A | Taylorsville | 132.34 | 27 | PKIKP | PKPPr | 05 29 37.5 | +0.5 |
| W54A | Cherokee Point | 132.52 | 28 | PKIKP | PKPPr | 05 29 37.9 | +0.5 |
| T58A | Grand View Acr | 132.55 | 24 | PKIKP | PKIKP | 05 29 38.0 | -0.6 |
| S60A | Water View | 132.60 | 21 | PKIKP | PKPPr | 05 29 37.9 | +0.5 |
| U57A | Blanch | 132.66 | 25 | PKIKP | PKPPr | 05 29 37.1 | -0.5 |
| V56A | Mocksville | 132.69 | 26 | PKIKP | PKPPr | 05 29 38.1 | +0.4 |
| X54A | Belton | 132.86 | 29 | PKIKP | PKIKP | 05 29 39.1 | -0.2 |
| KM5C | Kings Mountain | 132.87 | 28 | PKIKP | PKIKP | 05 29 38.8 | -0.6 |
| T59A | Double "B" Far | 132.91 | 23 | PKIKP | PKPPr | 05 29 38.5 | +0.3 |
| V57A | Coltrane Farms | 132.94 | 26 | PKIKP | PKPPr | 05 29 38.4 | +0.5 |
| BRAL | Brewton | 132.96 | 36 | PKIKP | PKPPr | 05 29 38.8 | +0.5 |
| U58A | Oxford | 133.02 | 24 | PKIKP | PKPPr | 05 29 38.5 | +0.2 |
| W56A | Indian Trail | 133.22 | 27 | PKIKP | PKPPr | 05 29 39.1 | +0.4 |
| GOGA | Godfrey | 133.23 | 31 | PKIKP | PKPPr | 05 29 39.3 | +0.6 |
| X55A | Gracelyn & Ava | 133.28 | 28 | PKIKP | PKIKP | 05 29 40.0 | 0.0 |
| V58A | Windy Hill, Pi | 133.30 | 25 | PKIKP | PKIKP | 05 29 39.9 | -0.3 |
| U59A | Littleton | 133.36 | 23 | PKIKP | PKIKP | 05 29 39.8 | -0.5 |
| W57A | Gilead | 133.47 | 26 | PKIKP | PKIKP | 05 29 40.0 | -0.5 |
| U60A | Pendleton | 133.50 | 23 | PKIKP | PKIKP | 05 29 40.0 | -0.5 |
| X56A | White Oak | 133.54 | 28 | PKIKP | PKIKP | 05 29 40.7 | 0.0 |
| V55A | Saluda | 133.61 | 29 | PKIKP | PKIKP | 05 29 40.8 | 0.0 |
| V59A | Middlesex | 133.69 | 24 | PKIKP | PKPPr | 05 29 39.2 | -0.3 |
| W58A | Raeford | 133.91 | 26 | PKIKP | PKPPr | 05 29 40.3 | +0.4 |
| Y56A | Pelion | 133.99 | 29 | PKIKP | PKIKP | 05 29 41.4 | -0.2 |
| X57A | Johnson Farm, | 134.00 | 27 | PKIKP | PKIKP | 05 29 41.2 | -0.4 |
| V60A | Jim Taylor Roa | 134.08 | 23 | PKIKP | PKPPr | 05 29 40.9 | -0.6 |
| W59A | Clinton | 134.12 | 25 | PKIKP | PKIKP | 05 29 41.4 | -0.4 |
| Y57A | Sumter | 134.23 | 28 | PKIKP | PKPPr | 05 29 40.6 | 0.0 |
| X58A | Rowland | 134.26 | 26 | PKIKP | PKPPr | 05 29 40.5 | -0.1 |
| V61A | Rowland | 134.32 | 23 | PKIKP | PKPPr | 05 29 40.3 | -0.4 |
| Z56A | Williston | 134.34 | 29 | PKIKP | PKPPr | 05 29 40.9 | +0.1 |
| W60A | Pink Hill | 134.52 | 24 | PKIKP | PKPPr | 05 29 41.7 | +0.6 |
| Y58A | Scranton | 134.66 | 27 | PKIKP | PKIKP | 05 29 42.4 | -0.5 |
| Z57A | Bowman | 134.68 | 28 | PKIKP | PKPPr | 05 29 42.1 | +0.7 |
| W61A | Ground Anchor | | | | | | |

2d 6h

Table of station data for the 2d 6h section, including station names, coordinates, and various parameters like elevation and signal strength.

IDC 02:05:20:06:4.8, 4.71N, 123.33E, h593km, 79km, mb4.2/4, mb1.4/4, mb1mx3.4, 6.52, mbmtpp5.2/4, Error ellipse: s-maj=282.1km s-min=20.3km az=84.0, Mindanao Islands region

Table of station data for the IDC 02:05:20:06:4.8, 4.71N, 123.33E section, listing stations and their characteristics.

IDC 02:05:45:28.4, 1.1, 6.48N-81.48W, h0km, mb4.0/7, mb1.4/1.0, mb1mx3.9/4.0, mbmtpp4.0/10, ML2.8/3, Error ellipse: s-maj=46.1km s-min=16.2km az=50.0, UCR 02:05:30:7.1, 6.53N-81.30W, h34km, 73km, MW3.9

Table of station data for the IDC 02:05:45:28.4, 1.1, 6.48N-81.48W section, listing stations and their characteristics.

2014 DEC

Main table of station data for the 2014 DEC section, including station names, coordinates, and various parameters.

DJA 02:05:02:09:0.4, 7.1S, 132.12E, h423km, 8M, M4.6/14, mb5.2/1, mb4.4/11, ML3.4/7.14, Mw(mb)4.6/1, NEIC 02:05:03:03:3.1, 6.19S, 104.127, 1.1E:1.0W, h396km, 7km, mb4.4/15, Error ellipse: s-maj=13.2km s-min=5.7km

IDC 02:05:04:04.2, 1.4, 7.03S, 127.01E, h402km, 16km, mb3.6/11, mb1.3/6/15, mb1mx3.4/2.0, mbmtpp4.4/15, Error ellipse: s-maj=18.6km s-min=10.5km az=74.0

ISC 02:05:03:7.0, 5.7, 7.02S, 0.05:127.11E:0.06, h407km, m63, s141/67, mb4.0/17, Banda Sea

Table of station data for the 2014 DEC section, listing stations and their characteristics.

68

Table of station data for the 68 section, including station names, coordinates, and various parameters.

KRSC 02:06:07:44.2, 1.5, 5.1706N, 158.18E, h41km, 21km, ML3.7, Nearest coast of Sumatra Peninsula

Table of station data for the KRSC 02:06:07:44.2, 1.5, 5.1706N, 158.18E section, listing stations and their characteristics.

IDC 02:06:16:48.7, 2.0, 20.71S, 178.38W, h518km, 22km, mb3.7/14, mb1.3/9/16, mb1mx3.7/27, mbmtpp4.5/16, Error ellipse: s-maj=16.8km s-min=12.2km az=121.0, NEIC 02:06:16:49.6, 2.7, 20.75S:0.1E:178.4W:0.1, h536km, 7km, mb4.5/10/3, Error ellipse: s-maj=17.9km s-min=13.4km

ISC 02:06:16:51.0, 4.0, 20.79S, 0.07:178.44W:0.07, h550km, n272, s1917/253, mb4.5/61, 19C-5D, Fiji Islands region

Table of station data for the 68 section, listing stations and their characteristics.

Table with columns: THZ, Tophouse, 22.16 197, P, P, 06 21 05.5 -1.0, 06 21 07.1, PAHR PAHR, comp=Z,10nm,1.3s, 81.61 44 P, P, 06 28 11.7 -0.4, 06 28 13.3, NV11 KVN Kaiserville, 82.00 43 P, I, 06 28 14.3 +0.2, 06 28 15.4, TPNV Topopah Spring, 82.04 46 P, P, 06 28 14.7 +0.4, 06 28 15.0, TPNV Topopah Spring, 82.04 46 P, P, 06 28 14.0 -0.3, 06 28 15.0 +0.7, PDMCI Parker Dam,Lak, 82.07 49 P, P, 06 28 14.6 +0.3, 06 28 15.5 +0.6, I04A Tendick Farm, 82.23 37 P, P, 06 28 15.5 +0.6, 06 28 17.1, MOD MOD, 82.30 40 P, I, 06 28 15.6 +0.1, 06 28 17.1, K05A Summer Lake, 82.45 39 P, P, 06 28 16.6 +0.3, 06 28 18.2, H04D Lebanon, 82.50 37 P, P, 06 28 17.2 +1.0, 06 28 18.0 +1.1, J05D Fort Rock, OR, 82.59 38 P, P, 06 28 18.0 +1.1, 06 28 19.0 +0.7, H04A Detroit Lake, 82.91 37 P, I, 06 28 19.0 +0.7, 06 28 19.2, H04A Pine, 83.06 38 P, P, 06 28 20.3 +0.9, 06 28 21.5, CNPM China Pot, 83.07 14 P, P, 06 28 18.3 -0.5, 06 28 20.4 +0.8, PRN PRN Pahroc Range, 83.02 46 P, I, 06 28 20.4 +0.8, 06 28 21.5, I05D Terrebonne, OR, 83.17 37 P, P, 06 28 20.5 +0.9, 06 28 20.4 +0.1, R11A Troy Canyon, C, 83.24 45 P, P, 06 28 20.4 +0.1, 06 28 19.9 -0.3, BRLK Bradley Lake, 83.37 14 P, I, 06 28 20.4 +0.1, 06 28 22.9 +1.4, TUC Tucson, 83.48 52 P, P, 06 28 22.9 +1.4, 06 28 23.2 +1.6, TUC Tucson, 83.48 52 P, P, 06 28 23.2 +1.6, 06 28 23.0 +0.8, NLWA Neilton Lookou, 83.70 34 P, I, 06 28 24.1, 06 28 25.5 +0.8, D03D Eldon, 84.20 34 P, P, 06 28 25.5 +0.8, 06 28 26.6, J08A Circle Bar Ran, 84.25 39 I, 06 28 26.6, 06 28 26.7 +0.6, KNB Kanab, 84.40 47 P, I, 06 28 26.7 +0.6, 06 28 28.4, U15A North Rim, 84.46 48 I, 06 28 28.4, 06 28 27.1 -0.2, WUAZ Wupatik, 84.64 49 P, P, 06 28 27.1 -0.2, 06 28 27.8 -0.1, ELK Elko, 84.77 43 P, P, 06 28 27.8 -0.1, 06 28 28.6, SUA Susitna One, 84.93 13 P, I, 06 28 28.6, 06 28 30.8, G08A Pilot Rock, 85.10 38 I, 06 28 30.8, 06 28 30.0 +0.8, A04D Lummi Island, 85.15 33 P, P, 06 28 30.0 +0.8, 06 28 30.1 +0.7, B05A Bryant, 85.18 34 P, P, 06 28 30.1 +0.7, 06 28 33.8, E08A Dider Farm, EI, 85.75 37 I, 06 28 33.8, 06 28 35.8, D08A Wolfman Farm, 86.16 36 I, 06 28 35.8, 06 28 36.0, E09A Wood Farm, Sta, 86.27 37 I, 06 28 36.0, 06 28 35.6 +0.3, N25K Chinina, Valde, 86.47 15 P, P, 06 28 35.6 +0.3, 06 28 37.6, B08A Colville Reser, 86.70 35 I, 06 28 37.6, 06 28 38.0 +0.4, H10D Halley, 86.81 41 P, P, 06 28 38.0 +0.4, 06 28 35.4 -1.6, TRF Thorofare Moun, 86.82 12 P, P, 06 28 35.4 -1.6, 06 28 40.5 +0.8, MNTX Cornudas Mount, 87.25 55 P, P, 06 28 40.5 +0.8, 06 28 41.3, MNTX Cornudas Mount, 87.25 55 I, 06 28 41.3, 06 28 43.3, TX31 Lajitas Ar, Si, 87.56 57 I, 06 28 43.3, 06 28 43.3, TX32 Lajitas Array, 87.56 57 I, 06 28 43.3, 06 28 42.2 +1.0, TXAR Lajitas Array, 87.56 57 P, P, 06 28 42.2 +1.0, 06 28 42.2 +0.1, NEW Newport, 87.85 36 P, P, 06 28 42.2 +0.1, 06 28 43.3 +0.5, ANMO Albuquerque, 87.91 51 P, P, 06 28 43.3 +0.5, 06 28 42.8 +0.5, L26K Log Cabin Wild, 87.99 15 P, P, 06 28 42.8 +0.5, 06 28 41.8 -1.0, NEA2 Nenana, 88.08 12 P, P, 06 28 41.8 -1.0, 06 28 42.3 -0.8, HDA Harding Lake, 88.16 11 P, P, 06 28 42.3 -0.8, 06 28 42.8 -1.3, CCB Clear Creek Bu, 88.39 13 P, P, 06 28 42.8 -1.3, 06 28 43.3 -0.5, BCAR Beaver Creek A, 88.41 16 P, P, 06 28 43.3 -0.5, 06 28 44.2 -0.6, I23K Minto, Yukon-K, 88.52 12 P, P, 06 28 44.2 -0.6, 06 28 44.4 -0.6, TCOL CIGO, UAF Yank, 88.57 13 P, P, 06 28 44.4 -0.6, 06 28 45.0, MDM Murphy Dome, 88.58 12 I, 06 28 45.0, 06 28 45.0, 0.0, SCRK Sand Creek, 88.64 14 P, P, 06 28 45.0, 0.0, 06 28 44.2 -1.3, IL31 IL31, 88.69 13 P, I, 06 28 44.2 -1.3, 06 28 44.6 -0.9, ILAR Eielson Array, 88.69 13 P, P, 06 28 44.6 -0.9, 06 28 45.4 -1.0, POKR Poker Plat Res, 88.88 13 P, P, 06 28 45.4 -1.0, 06 28 45.9, POKR Poker Plat Res, 88.88 13 I, 06 28 45.9, 06 28 47.5 -0.2, S22A 4UR Ranch, Cre, 88.92 49 P, P, 06 28 47.5 -0.2, 06 28 49.2, REDW Red Top Meadow, 88.92 42 P, I, 06 28 49.2, 06 28 49.6, REDW, 89.04 42 I, 06 28 49.6, 06 28 48.2 +0.1, S20A White River Ci, 89.06 46 P, P, 06 28 48.2 +0.1, 06 28 48.5 +0.8, K27K Chicken, 89.14 15 P, P, 06 28 48.5 +0.8, 06 28 48.7, K27K Chicken, 89.14 15 I, 06 28 48.7, 06 28 49.5 +0.6, HHC Hu-ho-hao-te, 89.26 315 eP, pmax, 06 28 49.5 +0.6, 06 28 50.0, 0.0, HHC, 89.26 315 pmax, pmax, 06 28 50.0, 0.0, 06 28 50.7, BW06 Boulder Array, 89.45 43 P, P, 06 28 50.7, 06 28 50.6, PD31 Pinedale Array, 89.45 43 I, 06 28 50.6, 06 28 50.0 +0.1, BOZ Bozeman (W), 89.45 43 P, P, 06 28 50.0 +0.1, 06 28 51.8, BOZ Bozeman (W), 89.58 40 I, 06 28 51.8, 06 28 54.0 +2.1, CMAR Chiang Mai Arr, 89.82 290 P, P, 06 28 54.0 +2.1, 06 28 51.9, DAWY Boulder Array, 89.85 16 I, 06 28 51.9, 06 28 52.4 +0.4, SDCO Great Sand Dun, 89.86 49 P, P, 06 28 52.4 +0.4, 06 28 52.3, EGAK Eagle, 89.99 15 I, 06 28 52.3, 06 28 53.4 -0.1, MXST Muleshoe, 90.22 54 P, P, 06 28 53.4 -0.1, 06 28 53.3 +0.6, COLD Coldfoot, 90.23 11 P, P, 06 28 53.3 +0.6, 06 28 12.5 +0.3, KHZ Kahutara, 22.60 196 P, P, 06 21 08.0 -2.2, 06 21 08.8, LTZ Lake Taylor, 23.27 197 P, P, 06 21 13.5 -2.9, 06 21 16.7, RPZ Rata Peaks, 24.48 199 P, P, 06 21 26.4 -0.6, 06 21 28.6, RPZ Rata Peaks, 24.48 199 I, 06 21 26.4 -0.6, 06 21 28.6, F0Z Fox Glacier, 24.71 201 P, P, 06 21 26.9 -2.1, 06 21 28.5 -2.3, LBZ Lake Benmore, 25.36 199 P, P, 06 21 26.9 -2.1, 06 21 28.5 -2.3, ODZ Otahua Downs, 25.82 198 P, P, 06 21 37.1 -1.7, 06 21 40.4, WKZ Wanaka, 26.12 201 P, P, 06 21 39.5 -2.0, 06 21 48.2, MLZ Mavora Lakes, 26.90 201 P, I, 06 21 47.6 -0.7, 06 21 55.4, CTAO Charters Tower, 33.05 265 P, P, 06 22 40.0 +0.3, 06 23 01.8 +0.6, TOO Toolangi, 35.39 234 I, 06 23 02.5, STKA Stephens Creek, 37.29 244 P, P, 06 23 17.1 +0.2, 06 23 23.0, STKA Stephens Creek, 37.29 244 I, 06 23 17.1 +0.2, 06 23 23.0, BBOO Buckleboob, 42.05 244 P, P, 06 23 54.9 0.0, 06 24 08.8 +0.4, JAY Jayapura, 43.74 289 P, P, 06 24 08.8 +0.4, ASAR Alice Springs, 44.05 257 P, P, 06 24 10.8 +0.1, 06 25 43.5 -0.5, ASAR Alice Springs, 44.05 257 P, P, 06 24 10.8 +0.1, 06 25 43.5 -0.5, ASAR Alice Springs, 44.05 257 P, P, 06 24 10.8 +0.1, 06 25 43.5 -0.5, WRAB Tennant Creek, 44.14 262 P, P, 06 24 11.3 -0.2, 06 24 21.7 -2.5, KHLU Kahului U, 45.80 30 P, P, 06 24 21.7 -2.5, 06 24 25.7 -0.3, HHM Humu'ula Sheep, 46.01 31 P, P, 06 24 25.7 -0.3, HPAH Hawaii Prepara, 46.27 30 P, P, 06 24 27.0 -0.7, 06 24 57.9, KNRA Kununurra, 50.23 267 I, 06 24 57.9, FITZ Fitzroy Cross, 52.58 263 P, P, 06 25 13.8 -0.3, 06 25 49.3 +1.2, VDA Vanda, 57.59 185 P, P, 06 25 49.3 +1.2, 06 25 50.2, VDA Vanda, 57.59 185 I, 06 25 50.2, CASY Casey, 63.53 205 P, I, 06 26 27.3 0.0, 06 26 31.8, QSPA South Pole Qui, 69.28 180 P, P, 06 27 03.9 +0.7, 06 27 03.9 +0.7, QSPA South Pole Qui, 69.28 180 P, P, 06 27 03.9 +0.7, 06 27 35.0 -1.2, UNV Unalakleet, 75.03 7 P, P, 06 27 35.0 -1.2, AKUT Akutan, 75.41 8 P, P, 06 27 43.9 -0.2, PEAOB Petropavlovsk, 76.44 345 P, P, 06 27 43.9 -0.2, 06 27 44.3 +0.1, PETK Petropavlovsk, 76.44 345 P, P, 06 27 44.3 +0.1, SCNC San Nicolas Is, 77.74 47 P, P, 06 27 52.0 +0.3, 06 27 53.8 +0.2, SN22 Santa Cruz Isl, 78.10 47 P, P, 06 27 53.8 +0.2, 06 27 54.6 0.0, SC12 San Clemente I, 78.27 48 P, P, 06 27 54.6 0.0, 06 27 55.3 +0.7, SBC Santa Barbara, 78.30 46 P, P, 06 27 55.3 +0.7, 06 27 56.5 +0.6, PKM Mchponan Peak, 78.49 46 P, P, 06 27 56.5 +0.6, 06 28 01.8, HOPS Hopland Field, 78.86 41 P, I, 06 27 58.5 +1.0, 06 28 01.8, HOPS, 78.86 41 I, 06 27 58.5 +1.0, 06 28 01.8, USRK Ussuriysk Ar, 78.97 326 P, P, 06 27 58.4 +0.5, 06 28 00.8 +1.1, KMRM Miami Ridge, 79.24 40 P, I, 06 28 00.8 +1.1, 06 28 01.9, 06 28 01.6 +0.5, YER Vestal, Richgr, 79.53 45 P, P, 06 28 01.6 +0.5, 06 28 01.8 +0.4, MURC Murrieta, 79.55 48 P, P, 06 28 01.8 +0.4, 06 28 01.0 -0.6, ESJX Sierra Juarez, 79.57 50 P, P, 06 28 01.0 -0.6, 06 28 02.8 +0.4, MONP2 Monument Peak, 79.71 49 P, P, 06 28 02.8 +0.4, 06 28 02.7 +0.4, EDW2 Edwards Air Fo, 79.72 47 P, P, 06 28 02.7 +0.4, 06 28 04.1 +1.8, NJ2 Nanjing, 79.75 310 eP, pmax, 06 28 04.1 +1.8, 06 28 03.5 +0.8, NKJ In-Ko-Pah, Jac, 79.80 49 P, P, 06 28 03.5 +0.8, 06 28 03.6 +0.8, ISA Isabella, Lake, 79.83 46 P, P, 06 28 03.6 +0.8, 06 28 02.5 -0.9, CMB Columbia Colle, 79.95 43 P, P, 06 28 02.5 -0.9, 06 28 04.7 +0.5, PFO Pinyon Flats O, 80.07 48 P, P, 06 28 04.7 +0.5, 06 28 04.7 +0.5, TPFO Pinon Flats, 80.07 48 P, P, 06 28 04.7 +0.5, 06 28 05.1 +0.8, AFDM Forest Hills D, 80.13 42 P, P, 06 28 05.1 +0.8, 06 28 04.6 +0.2, WDC Whiskeytown Da, 80.16 40 P, P, 06 28 04.6 +0.2, 06 28 05.5 +0.9, SWSC Sam W, Stewart, 80.18 49 P, P, 06 28 05.5 +0.9, 06 28 06.2 +1.0, LRMCO Laurel Mtn Rad, 80.26 46 P, P, 06 28 06.2 +1.0, 06 28 06.5 +1.3, N02D Trinity Center, 80.31 39 P, P, 06 28 06.5 +1.3, 06 28 06.2 +0.3, O03E Payne Creek, 80.43 40 P, P, 06 28 06.2 +0.3, 06 28 07.1 +1.1, M02C Callahan, 80.48 39 P, P, 06 28 07.1 +1.1, 06 28 07.3 +1.1, L20E Cave Junction, 80.52 38 P, P, 06 28 07.3 +1.1, 06 28 05.0 -0.8, OHAK Old Harbor, 80.52 14 P, P, 06 28 05.0 -0.8, 06 28 07.1 +0.5, CWC Cottonwood Cre, 80.53 45 P, P, 06 28 07.1 +0.5, 06 28 07.4 +0.5, MDPB Devils Postpil, 80.56 44 P, P, 06 28 07.4 +0.5, 06 28 07.5 +0.5, BELO Belle Mtn, Jos, 80.61 48 P, P, 06 28 07.5 +0.5, 06 28 08.0 +0.4, MPMC Manual Prospec, 80.71 46 P, P, 06 28 08.0 +0.4, 06 28 08.4 +0.7, GSC Goldstone, Bar, 80.76 47 P, P, 06 28 08.4 +0.7, 06 28 08.1 +0.5, YBH Yreka Blue Hor, 80.77 39 P, P, 06 28 08.1 +0.5, 06 28 09.7, YBH, 80.77 39 I, 06 28 09.7, 06 28 08.9 +1.1, TIN Tinemaha, Big, 80.78 45 P, P, 06 28 08.9 +1.1, 06 28 08.7 +0.7, BC3 Big Chickawall, 80.80 49 P, P, 06 28 08.7 +0.7, 06 28 08.4 +0.4, HEC Hector Ludlow, 80.82 47 P, P, 06 28 08.4 +0.4, 06 28 08.9 +1.1, K02D Willamette Mer, 80.82 38 P, P, 06 28 08.9 +1.1, 06 28 09.4 +0.9, GLA Glamis, 80.93 50 P, P, 06 28 09.4 +0.9, 06 28 09.9 +0.7, BEKR Beckworth, 81.06 41 P, P, 06 28 09.9 +0.7, 06 28 09.9 +0.5, PNTR Pine Nut, 81.07 42 P, P, 06 28 09.9 +0.5, 06 28 11.2 +1.6, HUMO Huml Mountain, 81.17 38 P, I, 06 28 11.2 +1.6, 06 28 12.5, GMRC Granite Mounta, 81.26 48 P, P, 06 28 12.5, 06 28 10.4 0.0, LHV Little Huntoon, 81.29 44 P, P, 06 28 10.4 0.0, 06 28 10.7 +0.5, IRM Iron Mountain, 81.29 49 P, P, 06 28 10.7 +0.5, 06 28 10.7 +0.3, L04D Klamath Falls, 81.31 39 P, P, 06 28 10.7 +0.3, 06 28 11.0 +0.5, M04C Macdoel, 81.32 39 P, P, 06 28 11.0 +0.5, 06 28 11.3 +0.7, FURC Furnace Creek, 81.36 46 P, P, 06 28 11.3 +0.7, 06 28 11.4 +0.2, TUQ Turquoise Moun, 81.43 47 P, P, 06 28 11.4 +0.2, 06 28 11.7 +0.6, SHOC Shoshone, Teco, 81.45 47 P, P, 06 28 11.7 +0.6, 06 28 11.7 +0.3, RYN Ryan, 81.49 43 P, P, 06 28 11.7 +0.3, 06 28 12.5 +0.8, NVAR Mina Array Bea, 81.52 44 P, P, 06 28 12.5 +0.8

Table with columns: PAHR PAHR, 81.57 42 P, P, 06 28 11.9 +0.1, 06 28 13.3, NV11 KVN Kaiserville, 82.00 43 P, I, 06 28 14.3 +0.2, 06 28 15.4, TPNV Topopah Spring, 82.04 46 P, P, 06 28 14.7 +0.4, 06 28 15.0, TPNV Topopah Spring, 82.04 46 P, P, 06 28 14.0 -0.3, 06 28 15.0 +0.7, PDMCI Parker Dam,Lak, 82.07 49 P, P, 06 28 14.6 +0.3, 06 28 15.5 +0.6, I04A Tendick Farm, 82.23 37 P, P, 06 28 15.5 +0.6, 06 28 17.1, MOD MOD, 82.30 40 P, I, 06 28 15.6 +0.1, 06 28 17.1, K05A Summer Lake, 82.45 39 P, P, 06 28 16.6 +0.3, 06 28 18.2, H04D Lebanon, 82.50 37 P, P, 06 28 17.2 +1.0, 06 28 18.0 +1.1, J05D Fort Rock, OR, 82.59 38 P, P, 06 28 18.0 +1.1, 06 28 19.0 +0.7, H04A Detroit Lake, 82.91 37 P, I, 06 28 19.0 +0.7, 06 28 19.2, H04A Pine, 83.06 38 P, P, 06 28 20.3 +0.9, 06 28 21.5, CNPM China Pot, 83.07 14 P, P, 06 28 18.3 -0.5, 06 28 20.4 +0.8, PRN PRN Pahroc Range, 83.02 46 P, I, 06 28 20.4 +0.8, 06 28 21.5, I05D Terrebonne, OR, 83.17 37 P, P, 06 28 20.5 +0.9, 06 28 20.4 +0.1, R11A Troy Canyon, C, 83.24 45 P, P, 06 28 20.4 +0.1, 06 28 19.9 -0.3, BRLK Bradley Lake, 83.37 14 P, I, 06 28 20.4 +0.1, 06 28 22.9 +1.4, TUC Tucson, 83.48 52 P, P, 06 28 22.9 +1.4, 06 28 23.2 +1.6, TUC Tucson, 83.48 52 P, P, 06 28 23.2 +1.6, 06 28 23.0 +0.8, NLWA Neilton Lookou, 83.70 34 P, I, 06 28 24.1, 06 28 25.5 +0.8, D03D Eldon, 84.20 34 P, P, 06 28 25.5 +0.8, 06 28 26.6, J08A Circle Bar Ran, 84.25 39 I, 06 28 26.6, 06 28 26.7 +0.6, KNB Kanab, 84.40 47 P, I, 06 28 26.7 +0.6, 06 28 28.4, U15A North Rim, 84.46 48 I, 06 28 28.4, 06 28 27.1 -0.2, WUAZ Wupatik, 84.64 49 P, P, 06 28 27.1 -0.2, 06 28 27.8 -0.1, ELK Elko, 84.77 43 P, P, 06 28 27.8 -0.1, 06 28 28.6, SUA Susitna One, 84.93 13 P, I, 06 28 28.6, 06 28 30.8, G08A Pilot Rock, 85.10 38 I, 06 28 30.8, 06 28 30.0 +0.8, A04D Lummi Island, 85.15 33 P, P, 06 28 30.0 +0.8, 06 28 30.1 +0.7, B05A Bryant, 85.18 34 P, P, 06 28 30.1 +0.7, 06 28 33.8, E08A Dider Farm, EI, 85.75 37 I, 06 28 33.8, 06 28 35.8, D08A Wolfman Farm, 86.16 36 I, 06 28 35.8, 06 28 36.0, E09A Wood Farm, Sta, 86.27 37 I, 06 28 36.0, 06 28 35.6 +0.3, N25K Chinina, Valde, 86.47 15 P, P, 06 28 35.6 +0.3, 06 28 37.6, B08A Colville Reser, 86.70 35 I, 06 28 37.6, 06 28 38.0 +0.4, H10D Halley, 86.81 41 P, P, 06 28 38.0 +0.4, 06 28 35.4 -1.6, TRF Thorofare Moun, 86.82 12 P, P, 06 28 35.4 -1.6, 06 28 40.5 +0.8, MNTX Cornudas Mount, 87.25 55 P, P, 06 28 40.5 +0.8, 06 28 41.3, MNTX Cornudas Mount, 87.25 55 I, 06 28 41.3, 06 28 43.3, TX31 Lajitas Ar, Si, 87.56 57 I, 06 28 43.3, 06 28 43.3, TX32 Lajitas Array, 87.56 57 I, 06 28 43.3, 06 28 42.2 +1.0, TXAR Lajitas Array, 87.56 57 P, P, 06 28 42.2 +1.0, 06 28 42.2 +0.1, NEW Newport, 87.85 36 P, P, 06 28 42.2 +0.1, 06 28 43.3 +0.5, ANMO Albuquerque, 87.91 51 P, P, 06 28 43.3 +0.5, 06 28 42.8 +0.5, L26K Log Cabin Wild, 87.99 15 P, P, 06 28 42.8 +0.5, 06 28 41.8 -1.0, NEA2 Nenana, 88.08 12 P, P, 06 28 41.8 -1.0, 06 28 42.3 -0.8, HDA Harding Lake, 88.16 11 P, P, 06 28 42.3 -0.8, 06 28 42.8 -1.3, CCB Clear Creek Bu, 88.39 13 P, P, 06 28 42.8 -1.3, 06 28 43.3 -0.5, BCAR Beaver Creek A, 88.41 16 P, P, 06 28 43.3 -0.5, 06 28 44.2 -0.6, I23K Minto, Yukon-K, 88.52 12 P, P, 06 28 44.2 -0.6, 06 28 44.4 -0.6, TCOL CIGO, UAF Yank, 88.57 13 P, P, 06 28 44.4 -0.6, 06 28 45.0, MDM Murphy Dome, 88.58 12 I, 06 28 45.0, 06 28 45.0, 0.0, SCRK Sand Creek, 88.64 14 P, P, 06 28 45.0, 0.0, 06 28 44.2 -1.3, IL31 IL31, 88.69 13 P, I, 06 28 44.2 -1.3, 06 28 44.6 -0.9, ILAR Eielson Array, 88.69 13 P, P, 06 28 44.6 -0.9, 06 28 45.4 -1.0, POKR Poker Plat Res, 88.88 13 P, P, 06 28 45.4 -1.0, 06 28 45.9, POKR Poker Plat Res, 88.88 13 I, 06 28 45.9, 06 28 47.5 -0.2, S22A 4UR Ranch, Cre, 88.92 49 P, P, 06 28 47.5 -0.2, 06 28 49.2, REDW Red Top Meadow, 88.92 42 P, I, 06 28 49.2, 06 28 49.6, REDW, 89.04 42 I, 06 28 49.6, 06 28 48.2 +0.1, S20A White River Ci, 89.06 46 P, P, 06 28 48.2 +0.1, 06 28 48.5 +0.8, K27K Chicken, 89.14 15 P, P, 06 28 48.5 +0.8, 06 28 48.7, K27K Chicken, 89.14 15 I, 06 28 48.7, 06 28 49.5 +0.6, HHC Hu-ho-hao-te, 89.26 315 eP, pmax, 06 28 49.5 +0.6, 06 28 50.0, 0.0, HHC, 89.26 315 pmax, pmax, 06 28 50.0, 0.0, 06 28 50.7, BW06 Boulder Array, 89.45 43 P, P, 06 28 50.7, 06 28 50.6, PD31 Pinedale Array, 89.45 43 I, 06 28 50.6, 06 28 50.0 +0.1, BOZ Bozeman (W), 89.58 40 P, P, 06 28 50.0 +0.1, 06 28 51.8, BOZ Bozeman (W), 89.58 40 I, 06 28 51.8, 06 28 54.0 +2.1, CMAR Chiang Mai Arr, 89.82 290 P, P, 06 28 54.0 +2.1, 06 28 51.9, DAWY Boulder Array, 89.85 16 I, 06 28 51.9, 06 28 52.4 +0.4, SDCO Great Sand Dun, 89.86 49 P, P, 06 28 52.4 +0.4, 06 28 52.3, EGAK Eagle, 89.99 15 I, 06 28 52.3, 06 28 53.4 -0.1, MXST Muleshoe, 90.22 54 P, P, 06 28 53.4 -0.1, 06 28 53.3 +0.6, COLD Coldfoot, 90.23 11 P, P, 06 28 53.3 +0.6, 06 28 12.5 +0.3, KHZ Kahutara, 22.60 196 P, P, 06 21 08.0 -2.2, 06 21 08.8, LTZ Lake Taylor, 23.27 197 P, P, 06 21 13.5 -2.9, 06 21 16.7, RPZ Rata Peaks, 24.48 199 P, P, 06 21 26.4 -0.6, 06 21 28.6, RPZ Rata Peaks, 24.48 199 I, 06 21 26.4 -0.6, 06 21 28.6, F0Z Fox Glacier, 24.71 201 P, P, 06 21 26.9 -2.1, 06 21 28.5 -2.3, LBZ Lake Benmore, 25.36 199 P, P, 06 21 26.9 -2.1, 06 21 28.5 -2.3, ODZ Otahua Downs, 25.82 198 P, P, 06 21 37.1 -1.7, 06 21 40.4, WKZ Wanaka, 26.12 201 P, P, 06 21 39.5 -2.0, 06 21 48.2, MLZ Mavora Lakes, 26.90 201 P, I, 06 21 47.6 -0.7, 06 21 55.4, CTAO Charters Tower, 33.05 265 P, P, 06 22 40.0 +0.3, 06 23 01.8 +0.6, TOO Toolangi, 35.39 234 I, 06 23 02.5, STKA Stephens Creek, 37.29 244 P, P, 06 23 17.1 +0.2, 06 23 23.

| Code | Station Name | Δ° | AZ° | Phase | ID | ISC | Time | Res |
|------|----------------|------|-----|-------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| ILA | Ilan | 0.07 | 359 | Op | | | | |
| ILA | Ilan | | | eS | | | 10 31 19.1 | +1.6 |
| TWE | Neicheng | 0.08 | 292 | Op | | | 10 31 10.0 | +0.3 |
| TWE | Neicheng | | | eS | | | 10 31 17.6 | +0.1 |
| TWC | Suao | 0.12 | 132 | iP | | | 10 31 10.3 | +0.5 |
| TWC | Suao | | | S | | | 10 31 18.6 | +0.9 |
| ENTT | Nioudou | 0.17 | 253 | Op | | | 10 31 10.1 | +0.1 |
| ENTT | Nioudou | | | eS | | | 10 31 17.6 | -0.5 |
| NTC | Toucheng | 0.18 | 24 | Op | | | 10 31 10.5 | +0.5 |
| NTC | Toucheng | | | eS | | | 10 31 18.8 | +0.7 |
| EGS | | 0.23 | 47 | Op | | | 10 31 10.8 | +0.6 |
| EGS | | | | eS | | | 10 31 19.0 | +0.6 |
| NDT | Datong Townshi | 0.23 | 248 | Op | | | 10 31 10.4 | +0.1 |
| NDT | Datong Townshi | | | S | | | 10 31 18.0 | -0.5 |
| NWLT | Wulai | 0.24 | 291 | Op | | | 10 31 10.1 | -0.2 |
| NWLT | Wulai | | | S | | | 10 31 17.5 | -1.1 |
| ENAH | Nanau | 0.25 | 167 | P | | | 10 31 10.6 | +0.3 |
| ENAH | Nanau | | | eS | | | 10 31 19.4 | +0.8 |
| ENA | Nanau | 0.26 | 182 | eP | | | 10 31 10.7 | +0.2 |
| ENA | Nanau | | | eS | | | 10 31 19.7 | +1.0 |
| TIPB | Shuangxi | 0.29 | 14 | Op | | | 10 31 11.1 | +0.4 |
| TIPB | Shuangxi | | | iS | | | 10 31 19.6 | +0.4 |
| TWA | Mucha | 0.32 | 333 | Op | | | 10 31 10.9 | +0.1 |
| TWA | Mucha | | | eS | | | 10 31 19.2 | -0.3 |
| NHHD | Xindian Distri | 0.34 | 323 | Op | | | 10 31 10.9 | 0.0 |
| NHHD | Xindian Distri | | | S | | | 10 31 19.3 | -0.3 |
| YHNB | Yeheng | 0.34 | 266 | Op | | | 10 31 10.7 | -0.3 |
| YHNB | Yeheng | | | S | | | 10 31 18.9 | -0.9 |
| NSK | Sanguang | 0.36 | 268 | Op | | | 10 31 10.8 | -0.4 |
| NSK | Sanguang | | | eS | | | 10 31 19.0 | -1.0 |
| TATO | Taipei | 0.37 | 320 | Op | | | 10 31 11.0 | -0.1 |
| TATO | Taipei | | | eS | | | 10 31 18.1 | -1.9 |
| NWF | Wu-fen Shan | 0.38 | 4 | Op | | | 10 31 11.7 | +0.4 |
| NWF | Wu-fen Shan | | | eS | | | 10 31 20.3 | 0.0 |
| WFSB | Wu-fen Shan | 0.38 | 4 | Op | | | 10 31 11.6 | +0.4 |
| WFSB | Wu-fen Shan | | | eS | | | 10 31 20.8 | +0.6 |
| TWB1 | Santiao Chiao | 0.38 | 35 | Op | | | 10 31 11.6 | +0.3 |
| TWB1 | Santiao Chiao | | | S | | | 10 31 20.2 | +0.1 |
| TAP | Taipei | 0.41 | 328 | eP | | | 10 31 11.5 | 0.0 |
| TAP | Taipei | | | eS | | | 10 31 20.5 | 0.0 |
| NNS | Nan Shan | 0.42 | 234 | P | | | 10 31 11.7 | 0.0 |
| NNS | Nan Shan | | | eS | | | 10 31 20.6 | -0.4 |
| NNSB | Datong | 0.42 | 232 | Op | | | 10 31 11.8 | 0.0 |
| NNSB | Datong | | | eS | | | 10 31 20.4 | -0.6 |
| NNSH | Datong | 0.42 | 232 | eP | | | 10 31 11.7 | 0.0 |
| NNSH | Datong | | | eS | | | 10 31 20.4 | -0.6 |
| YM01 | YM01 | 0.48 | 340 | Op | | | 10 31 12.2 | 0.0 |
| YM01 | YM01 | | | S | | | 10 31 21.6 | -0.1 |
| YM10 | YM10 | 0.49 | 340 | Op | | | 10 31 12.3 | 0.0 |
| YM10 | YM10 | | | S | | | 10 31 21.5 | -0.4 |
| YM11 | YM11 | 0.50 | 341 | Op | | | 10 31 12.5 | +0.1 |
| YM11 | YM11 | | | S | | | 10 31 21.1 | -1.0 |
| YM04 | YM04 | 0.50 | 337 | Op | | | 10 31 12.3 | 0.0 |
| YM04 | YM04 | | | S | | | 10 31 21.1 | -0.8 |
| TWS1 | Kuangyinshan | 0.51 | 324 | Op | | | 10 31 12.6 | +0.3 |
| TWS1 | Kuangyinshan | | | iS | | | 10 31 22.5 | +0.4 |
| YM08 | YM08 | 0.52 | 344 | Op | | | 10 31 12.2 | -0.2 |
| YM08 | YM08 | | | S | | | 10 31 21.6 | -0.7 |
| NWRT | Kuosheng | 0.52 | 351 | P | | | 10 31 12.5 | +0.1 |
| NWRT | Kuosheng | | | iS | | | 10 31 22.0 | -0.2 |
| NACB | Ninganchiao | 0.53 | 195 | iP | | | 10 31 11.4 | -1.2 |
| NACB | Ninganchiao | | | eS | | | 10 31 22.7 | +0.2 |
| ANP | Anpu | 0.54 | 337 | iP | | | 10 31 12.6 | -0.1 |
| ANP | Anpu | | | S | | | 10 31 22.0 | -0.7 |
| ETLH | Xiulin Townshi | 0.54 | 207 | P | | | 10 31 12.3 | -0.4 |
| ETLH | Xiulin Townshi | | | eS | | | 10 31 22.5 | -0.2 |
| NTST | Danshi | 0.54 | 330 | Op | | | 10 31 12.8 | +0.2 |
| NTST | Danshi | | | eS | | | 10 31 22.7 | 0.0 |
| NCU | National Centr | 0.58 | 299 | Op | | | 10 31 13.2 | +0.2 |
| NCU | National Centr | | | S | | | 10 31 23.6 | +0.4 |
| NCUH | Zhongli | 0.58 | 298 | Op | | | 10 31 13.1 | +0.1 |
| NCUH | Zhongli | | | S | | | 10 31 23.2 | -0.1 |
| TWY | Chenhua | 0.60 | 347 | Op | | | 10 31 13.6 | +0.5 |
| TWY | Chenhua | | | eS | | | 10 31 23.3 | -0.3 |
| NSM | Shimen | 0.61 | 346 | eP | | | 10 31 13.6 | +0.2 |
| NSM | Shimen | | | eS | | | 10 31 23.8 | 0.0 |
| TWD | Chiawan | 0.62 | 193 | P | | | 10 31 12.4 | -1.1 |
| TWD | Chiawan | | | eS | | | 10 31 24.1 | +0.1 |
| FUSS | Fushou | 0.64 | 226 | Op | | | 10 31 14.3 | +0.4 |
| FUSS | Fushou | | | eS | | | 10 31 23.8 | -1.0 |
| LIOB | Emei | 0.67 | 266 | iP | | | 10 31 14.0 | +0.1 |
| LIOB | Emei | | | eS | | | 10 31 24.1 | -0.8 |

| TWT | Tachien | 0.68 | 230 | iP | Pn | 10 31 14.9 | +0.7 |
|------|----------------|------|-----|----|----|------------|------|
| TWT | Tachien | | | eS | | | |
| NSST | Naniang | 0.68 | 265 | Op | | 10 31 14.0 | 0.0 |
| NSST | Naniang | | | S | | 10 31 24.7 | -0.5 |
| TDCB | Techi | 0.69 | 231 | Op | | 10 31 14.9 | +0.5 |
| TDCB | Techi | | | S | | 10 31 25.6 | -0.1 |
| WHF | Hehuan Shan | 0.70 | 219 | Op | | 10 31 14.6 | -0.1 |
| WHF | Hehuan Shan | | | eS | | 10 31 24.5 | -1.7 |
| SBCB | Hsinchu | 0.70 | 278 | eP | | 10 31 14.1 | -0.2 |
| SBCB | Hsinchu | | | eS | | 10 31 25.3 | -0.2 |
| HSN | Hsinchu | 0.72 | 279 | iP | | 10 31 14.3 | -0.2 |
| HSN | Hsinchu | | | S | | 10 31 25.2 | -0.6 |
| HWA | Hwallien | 0.72 | 190 | eP | | 10 31 14.2 | -0.3 |
| HWA | Hwallien | | | eS | | 10 31 25.3 | -0.6 |
| CHGB | Renai | 0.82 | 220 | P | | 10 31 16.2 | +0.4 |
| CHGB | Renai | | | eS | | 10 31 28.1 | -0.1 |
| WHP | Taichung City | 0.84 | 241 | iP | | 10 31 16.6 | +0.7 |
| WHP | Taichung City | | | eS | | 10 31 29.0 | +0.6 |
| NMLH | Miaoili | 0.89 | 260 | P | | 10 31 16.7 | +0.3 |
| NMLH | Miaoili | | | eS | | 10 31 29.6 | +0.3 |
| OWD | Renai | 0.90 | 216 | eP | | 10 31 16.6 | -0.2 |
| OWD | Renai | | | eS | | 10 31 29.9 | +0.1 |
| ESL | Shilin | 0.92 | 198 | eP | | 10 31 15.3 | -1.5 |
| ESL | Shilin | | | eS | | 10 31 30.2 | +0.3 |
| NSY | Sanyi | 0.94 | 253 | P | | 10 31 17.6 | +0.6 |
| NSY | Sanyi | | | eS | | 10 31 31.1 | +0.7 |
| TWQ1 | Liyutan | 0.95 | 249 | eP | | 10 31 17.0 | -0.2 |
| TWQ1 | Liyutan | | | eS | | 10 31 31.0 | +0.3 |
| PCYT | Pengchayiu | 0.98 | 17 | iP | | 10 31 17.9 | +0.4 |
| PCYT | Pengchayiu | | | eS | | 10 31 31.8 | +0.5 |
| DPDB | Guoxing | 1.00 | 229 | P | | 10 31 19.0 | +1.2 |
| DPDB | Guoxing | | | eS | | 10 31 32.8 | +1.1 |
| EGFH | Guangfu | 1.06 | 196 | eP | | 10 31 18.0 | -0.6 |
| EGFH | Guangfu | | | eS | | 10 31 32.4 | -0.6 |
| WDJ | Dajia District | 1.07 | 252 | eP | | 10 31 19.0 | +0.4 |
| WDJ | Dajia District | | | eS | | 10 31 33.8 | +0.7 |
| JYNG | Yonagunijimaku | 1.11 | 102 | P | | 10 31 19.0 | -0.2 |
| JYNG | Yonagunijimaku | | | S | | 10 31 33.6 | -0.6 |
| SMLT | Sun Moon Lake | 1.12 | 224 | eP | | 10 31 20.2 | +0.8 |
| SMLT | Sun Moon Lake | | | eS | | 10 31 34.2 | -0.3 |
| TCU | Taichung | 1.12 | 241 | eP | | 10 31 20.0 | +0.8 |
| TCU | Taichung | | | eS | | 10 31 33.5 | -0.8 |
| TYC | Yuchr | 1.13 | 226 | eP | | 10 31 20.2 | +0.8 |
| TYC | Yuchr | | | eS | | 10 31 34.9 | +0.3 |
| SSLB | Suanglung | 1.16 | 219 | P | | 10 31 20.3 | +0.6 |
| SSLB | Suanglung | | | eS | | 10 31 36.1 | +0.9 |
| YOJ | Yonguni jima | 1.17 | 101 | P | | 10 31 19.6 | -0.3 |
| YOJ | Yonguni jima | | | eS | | 10 31 34.5 | -1.0 |
| YOJ | Yonguni jima | 1.17 | 101 | P | | 10 31 19.6 | -0.3 |
| YOJ | Yonguni jima | | | eS | | 10 31 34.7 | -0.8 |
| HGSD | Ruisui | 1.23 | 194 | P | | 10 31 20.6 | -0.1 |
| HGSD | Ruisui | | | eS | | 10 31 36.9 | +0.1 |
| EHY | Hungye | 1.24 | 198 | eP | | 10 31 19.5 | -1.4 |
| EHY | Hungye | | | eS | | 10 31 35.8 | -1.4 |
| WCHH | Zhanghua | 1.25 | 241 | eP | | 10 31 22.2 | +1.4 |
| WCHH | Zhanghua | | | eS | | 10 31 36.4 | -0.8 |
| WNT | Mingjian | 1.27 | 230 | eP | | 10 31 22.4 | +1.3 |
| WNT | Mingjian | | | eS | | 10 31 38.0 | +0.4 |
| WJS | Zhuashan | 1.27 | 227 | eP | | 10 31 21.9 | +0.7 |
| WJS | Zhuashan | | | eS | | 10 31 38.8 | +1.0 |
| WHYT | Xinyi Township | 1.28 | 220 | eP | | 10 31 23.0 | +1.6 |
| WHYT | Xinyi Township | | | eS | | 10 31 37.1 | -3.1 |
| YULB | Yu-li | 1.36 | 198 | eP | | 10 31 21.8 | -0.6 |
| YULB | Yu-li | | | eS | | 10 31 37.6 | -2.2 |
| EYUL | Yuli | 1.40 | 196 | eP | | 10 31 22.4 | -0.5 |
| EYUL | Yuli | | | eS | | 10 31 21.6 | -1.2 |
| TWF1 | Yuli | 1.40 | 197 | eP | | 10 31 21.6 | -1.2 |
| TWF1 | Yuli | | | eS | | 10 31 37.6 | -3.1 |
| YUS | Yu-Shan | 1.40 | 211 | P | | 10 31 24.1 | +0.7 |
| YUS | Yu-Shan | | | eS | | 10 31 43.3 | +1.8 |
| ALS | Alishan | 1.46 | 216 | P | | 10 31 24.7 | +0.8 |
| ALS | Alishan | | | eS | | 10 31 42.8 | +0.2 |
| CHNS | Tsauling | 1.46 | 222 | eP | | 10 31 24.4 | +0.6 |
| CHNS | Tsauling | | | eS | | 10 31 43.4 | +1.0 |
| WGK | Gukeng | 1.48 | 228 | eP | | 10 31 24.4 | +0.6 |
| WGK | Gukeng | | | eS | | 10 31 43.0 | +0.5 |
| WDLH | Deulin | 1.49 | 228 | eP | | 10 31 24.6 | +0.6 |
| WDLH | Deulin | | | eS | | 10 31 43.5 | +0.7 |
| RLNB | Erlin | 1.50 | 238 | eP | | 10 31 25.1 | +1.0 |
| RLNB | Erlin | | | eS | | 10 31 43.5 | +0.5 |
| FULB | Fuli | 1.54 | 196 | eP | | 10 31 25.2 | +0.4 |
| FULB | Fuli | | | eS | | 10 31 45.3 | +1.1 |
| WTK | Tuku | 1.59 | 231 | eP | | 10 31 25.5 | +0.1 |
| WTK | Tuku | | | eS | | 10 31 45.7 | +0.4 |
| CHKT | Chengkung | 1.62 | 193 | eP | | 10 31 25.8 | 0.0 |
| CHKT | Chengkung | | | eS | | 10 31 45.0 | -1.0 |
| CHN2 | Minshiang | 1.64 | 226 | eP | | 10 31 28.3 | +2.3 |
| CHN2 | Minshiang | | | eS | | 10 31 48.6 | +2.3 |

| ELDTW | Lidau | 1.64 | 204 | eP | Pn | 10 31 26.0 | -0.1 |
|-------|--------|------|-----|----|----|------------|------|
| ELDTW | Lidau | | | eS | | | |
| CHY | Chiayi | 1.70 | 226 | eP | | 10 31 27.2 | +0.4 |
| CHY | Chiayi | | | eS | | 10 31 47.1 | -0.6 |
| TPUB | Ta-pu | 1.72 | 217 | eP | | 10 31 27.6 | +0.5 |
| TPUB | Ta-pu | | | eS | | 10 31 50.6 | +2.2 |
| WSF | Szhu | 1.75 | 233 | eS | | 10 31 49.2 | +0.4 |
| EDH | Donghe | 1.76 | 193 | eP | | 10 31 27.3 | -0.3 |
| EDH | | | | | | | |

2d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Velka Javorina, Krailky, Niedzica, Vranov, etc.

SOME 02 11:55:35.9, 39°55'N, 73°12'E, h0km
KRNET 02 11:55:37.3, 0.1, 39°45'N, 73°28'E, h13km, mb2.8
ISU 02 11:55:42.0, 39°90'N, 73°20'E, h5km
NNC 02 11:55:43.5, 4.3, 39°87'N, 72°86'E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=31.8km s-min=15.6km az=174.0
ISC 02 11:55:38.3, 1.6, 39°64'N, 0.06, 73°29'E, 0.04, h8km, n13km,
n28, e202/50, 25C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, SFK, OHH, Karamyk, ARSB, etc.

2014 DEC

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DGS Degeres, KRBS Karabastau, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GCUF Volcan Galeras, SJCC San Jacinto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kaye Shedlock, KSCO, X43A, etc.

DC 02 12:07:28.9-0.7, 7.20S:75.19W, h0km, mb3.9/9, mb1.4/2.13, mb1mx4.0/38, mbtmp4.0/13, ML4.0/4, MS3.2/1, Ms1.3/2.1, ms1mx2.8/20, Error ellipse: s-maj=27.2km s-min=19.5km az=59.0

NEIC 02 12:07:34.5-1.6, 7.25S:0.10, 75.30W:0.03, h35km, 1km, mb4.4/10, Error ellipse: s-maj=16.7km s-min=4.3km az=185.0

ISC 02 12:07:34.2±0.5, 7.28S:0.077, 75.30W:0.08, h35km, n31, ±102/32, mb4.2/14, Northern Peru

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

ASAR Alice Springs 138.04 222 PKPpdf 12 26 55.1 -1.2
FITZ Fitzroy Crossi 147.39 219 PKPbc PKPbc 12 27 14.9 -0.4
FITZ Fitzroy Crossi 147.39 219 PKPbc 12 27 14.7 -0.6

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Don Marcelino, Davao City (W), etc.

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

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

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

NEIC 02 12:40:13.5±0.6, 37.26N:0.04, 97.63W:0.05, h8km, 6km, mb_Lg3.0/48, Error ellipse: s-maj=6.4km s-min=5.2km az=108.0

ANF 02 12:40:14.1±1.1, 37.23N:97.60W, h13km, 7km, ML3.6/12, Error ellipse: s-maj=4.0km s-min=2.5km az=56.0

ISC 02 12:40:13.6±0.9, 37.26N:0.03, 97.59W:0.02, h7km, 5km, n68, ±104/70, Kansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mayfield South, Milan North St, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BHW, BGA, GTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PDIG, H06S1, CJM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PNTR, Pine Nut, ELK, etc.

IDC 02 13:32:57.7-2.8, 42.82N: 123.09E, h0km, mb3.3/1, mb1 3.6/3, mb1mx3.3/44, mbtmp3.4/3, ML2.9/2, Error ellipse: s-maj=35.4km s-min=24.0km az=73.0

ISC 02 13:32:58.9-0.8, 42.721N:106.12303E-0.05, h10km, n8, r=22/13, 1C, Northeastern China

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SNY, DL2, BJI, etc.

IDC 02 13:35:33.9-1.4, 7.37S: 154.79E, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.8/36, mbtmp3.9/7, ML2.3/1, Error ellipse: s-maj=42.2km s-min=26.1km az=145.0

ISC 02 13:35:36.1-1.1, 7.25S-0.1, 154.8E-0.1, h10km, n8, r=18/10, mb3.9/5, Bougainville-Solomon Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KRVT, PMG, ASAR, etc.

IDC 02 13:51:09.2-3.8, 22.04N:108.62W, h0km, mb3.7/3, mb1 4.1/9, mb1mx3.9/31, mbtmp3.9/9, ML3.9/5, MS4.0/24, Ms1 4.0/24, ms1mx4.0/32, Error ellipse: s-maj=64.5km s-min=30.6km az=26.0

MEX 02 13:51:10.3-1.1, 22.15N:108.51W, h9km, 30km, MD4.4 NEIC 02 13:51:11.6-1.8, 22.1N:0.1x108.4W-0.1, h10km, 2km, mb4.3/105, Error ellipse: s-maj=21.4km s-min=14.9km az=227.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TORD, GCMT, etc.

IDC 02 13:51:11.6-0.3, 22.05N:0.02x108.52W-0.02, h16km, 1km, MW4.9/92, Moment Tensor Solution, s15,c16; s92,c126; Duration: 0 Moment tensor: Scale 10^19Nm, Mr=1.04e-14; Mw=2.03e-09; Mw3.07e-12; Mw=0.00e-32; Mw0.78e-09; Mw1.73e-35; Best double couple: Mw3.01700e-1016 NP1=0.236.00000, s61.00000, A-1.00000, NP2: 0.327.00000, s89.00000, A-151.00000. Principal axes: T 3.7930, Plg20.0000, Azm98.0000; N -1.5510, Plg61.0000, Azm328.0000; P -2.2420, Plg21.0000, Azm195.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 02 13:51:11.1-0.8, 22.12N:0.07x108.48W-0.06, h10km, n8, r=183, s187/156, mb4.3/13, MS4.1/21, Off coast of central Mexico

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SLBS, MAIG, LPIG, etc.

IDC 02 13:51:17.0-4.5, 0.8, 16.1S:0.1x175.6W-0.1, h37km, n28, r=142, 14B, Error ellipse: s-maj=23.0km s-min=10.3km az=142.0

ISC 02 13:51:17.0-4.5, 0.8, 16.1S:0.1x175.6W-0.1, h360km, n28, r=1501/27, mb4.2/14, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for O20A, LHV, NV11, etc.

IDC 02 15:16:17.0-1.4, 17.73S:173.89W, h0km, mb4.1/3, mb1 4.4/3, mb1mx3.9/24, mbtmp4.1/3, Error ellipse: s-maj=53.0km s-min=34.7km az=110.0

NEIC 02 15:17:04.9-1.5, 16.2S:0.1x175.6W-0.1, h37km, n28, r=142, 14B, Error ellipse: s-maj=23.0km s-min=10.3km az=142.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AFI, MSVF, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Niue, DZM, OUZ, URZ, BKZ, QNZ, NNZ, MLZ, DCZ, WHZ, COEN, TOO, STKA, BBOO, WRAB, AS31, ASAR, ASAR, MTN, FORT, KNRA, FITZ, VANDA, ILAR, ILAR.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like IL31, ILAR, COEN, GAR, CHGR, WRAB, CTAO, ABKU, EUNU, AS31, ASAR, MWAR, RES, FINES, STKA, NC405, AKASG, NVAR, GERES, TXAR, LPAZ, HO3N2, HO3N3, HO3N1, SIV.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like HYT, A21K, SKAG, SEY, EPYK, DLBC, DLBC, INK, INK, YKA, KLR, EUNU, NVAR, PDAR, SPITS, SONM, TXAR, ZALV, KURK, NC303, NC405, NOA, AKTO, AAK, ABKAR, GAR, TAPN, CMAR, CHU, GUN, GUM, KKN, AKASG, PKIN, GKN, DANN, KOLN, PYUN, GERES, ASAR.

IDC 02 16:00:37.9-0.8, 37.04N:140.67E, h0km, mb4.0/8, mb1 4.0/14, mb1mx3.9/42, mbtp3.9/14, ML3.4/5, MS2.8/1, MS1 2.9/1, ms1mx2.5/46, Error ellipse: s-maj=19.2km s-min=13.9km az=152.0

JMA 02 16:00:39.5, 37.06N:140.63E, h10km, 1km, M4.3 Broadband fault plane solution: P waves. NP1: 0.152, 0.00000, 0.839, 0.00000, -1.41, 0.00000. NP2: 0.276, 0.00000, 0.866, 0.00000, -1.121, 0.00000. Principal axes: T Plg15.00000, Azm28.00000, N Plg28.00000, Azm290.00000; P Plg57.00000; Azm143.00000

JMA Felt III J1 NEIC 02 16:00:39.5-2.4, 37.02N:0.02-140.75E:0.07, h10km, 1km, mb4.7/18 Error ellipse: s-maj=10.2km s-min=2.8km az=10.0

NIED 02 16:00:39.6, 37.06N:140.63E, h10km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mw=6.73; Mww1.4; Mww2.59; Mww3.64; Mww4.28; Mww5.08; Fault plane solution: M0: 0.3000x10^14 NP1: 0.292, 0.00000, 0.854, 0.00000, -1.107, 0.00000. NP2: 0.141, 0.00000, 0.839, 0.00000, -1.67, 0.00000

ISC 02 16:00:39.6-0.8, 37.04N:0.02-140.64E:0.03, h9km, 5km, n71, 1.0/19, 75, mb4.4/19, 7C-2D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like KURK, KURB, MK31, MK31.

IDC 02 16:31:39.9-1.1, 51.76N:171.37W, h0km, mb3.8/17, mb1 4.0/19, mb1mx3.8/60, mbtp3.8/19, ML3.3/2, Error ellipse: s-maj=30.6km s-min=15.3km az=2.0 AEIC 02 16:31:45.2-6.5, 51.7N:0.1, 171.3W:0.1, h48km, 7km, ML3.6, mb4.0/34(NEIC), Error ellipse: s-maj=16.6km s-min=7.7km az=159.0 NEIC 02 16:31:45.1-1.9, 51.8N:0.1, 171.3W:0.1, h37km, 9km, Error ellipse: s-maj=19.7km s-min=7.3km az=162.0 ISC 02 16:31:46.2-0.6, 51.3N:0.1, 171.3W:0.06, h44km, n83, 0.95/60, mb3.9/20, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like KOFF, ATKA, KONE, KOKL, NIKH, OKTU, OKFG, MAPS, ADK, MNAT, UNV, AKUT, FALS, SDPT, CHNB, CHGN, OHAK, HDK, CNPM, GPHO, KTH, TRF, BPAW, RCM, SCD, KLU, DHY, I23K, WRH, N25K, N25K, CCB, MDM, GLB, HDL, CRQ, CRQM, ILAR, BARN, BARN, CTGM, PETK, K27K, BILL, TOLK, TOLK.

IDC 02 16:32:33.0-3.0, 6.5191N:171.45W, h0km, mb4.3/33, mb1 4.5/34, mb1mx4.4/54, mbtp4.3/34, ML3.8/1, MS4.4/1, MS1 4.4/1, ms1mx3.7/17, Error ellipse: s-maj=19.9km s-min=10.8km az=180.0 AEIC 02 16:32:35.2-6.5, 51.40N:0.08-171.07W:0.08, h34km, 5km, ML4.4, mb4.6/96(NEIC), Error ellipse: s-maj=11.9km s-min=6.7km az=160.0 MOS 02 16:32:35.7-1.2, 52.03N:171.40W, h25km, mb5.0/17, Error ellipse: s-maj=9.9km s-min=6.5km az=95.2 NEIC 02 16:32:38.0-1.7, 51.87N:0.07-171.24W:0.08, h48km, 5km, Error ellipse: s-maj=11.5km s-min=5.9km az=151.0 ISC 02 16:32:37.0-0.5, 51.12N:0.08-171.22W:0.04, h35km, n334, 1.1/15, 326, mb4.7/101, MS5.0/3, 9C-9D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like KOFF, ATKA, NIKH, NIKH, OKSP, OKSG, OKFG, MAPS, ADK, ADK, MSW, UNV, AKUT, SPIA, FALS, AMKA, HAG, SDPT, CHGN, OHAK, HDK, KDAD, KDAD, SVWZ, RSO, HPM, CNPM, BRK, SKT, SUT, GHO, GHO, KNK, KTH, BPAW, SCM, RND, RND, RND, M24K, M24K, I23K, I23K, N25K.

| | | | | | | |
|-------|-------------------|-------|-----|----|------------|------|
| N25K | Chitina, Valde | 17.54 | 45 | Pn | 16 36 38.4 | -0.1 |
| WRH | Wood River Hill | 17.55 | 34 | P | 16 36 40.4 | +1.1 |
| CCB | Clear Creek Bu | 17.75 | 34 | P | 16 36 39.8 | -1.1 |
| GLB | Galahina Butte | 17.83 | 46 | Pn | 16 36 42.5 | +0.5 |
| COLA | Harding Lake | 17.87 | 34 | Pn | 16 36 42.1 | -0.3 |
| HDA | Harding Lake | 17.92 | 35 | P | 16 36 44.0 | +0.6 |
| HDA | Harding Lake | 17.92 | 35 | P | 16 36 42.6 | -0.5 |
| IL31 | comp=Z,37nm,1.5s | | | | 16 36 59.9 | |
| ILAR | Eielson Array | 18.14 | 35 | Pn | 16 36 44.7 | -1.0 |
| ILAR | Eielson Array | 18.14 | 35 | Pn | 16 36 45.5 | -0.3 |
| POKR | Poker Flat Res | 18.16 | 33 | P | 16 36 47.1 | +1.1 |
| MCARA | McCarty VSAT | 18.17 | 47 | P | 16 36 47.1 | +1.0 |
| MCARA | comp=Z,31nm,1.2s | | | | 16 36 52.9 | |
| ISLE | Juniper Island | 18.24 | 50 | Pn | 16 36 47.5 | +0.3 |
| ISLE | comp=Z,30nm,1.0s | | | | 16 37 01.2 | |
| MESA | MESA | 18.32 | 51 | P | 16 36 47.1 | -0.9 |
| MESA | comp=Z,44nm,0.9s | | | | 16 37 05.8 | |
| BALM | Baldy | 18.37 | 48 | P | 16 36 47.2 | -1.3 |
| WENT | Wentata | 18.45 | 42 | P | 16 36 50.1 | +0.5 |
| YAH | Yahite | 18.46 | 51 | P | 16 36 50.3 | +0.9 |
| YAH | comp=Z,27nm,0.8s | | | | 16 36 59.7 | |
| DOT | Dot Lake | 18.62 | 40 | P | 16 36 52.6 | +0.9 |
| L26K | Log Cabin Wild | 18.64 | 42 | Pn | 16 36 52.0 | 0.0 |
| BARN | Barnard Glacier | 18.69 | 48 | P | 16 36 53.4 | +0.7 |
| BARN | comp=Z,25nm,0.7s | | | | 16 37 01.1 | |
| COLD | Coldfoot | 18.70 | 26 | P | 16 36 52.7 | +0.1 |
| TABL | Table Mountain | 18.77 | 51 | Pn | 16 36 54.2 | +0.5 |
| TABL | comp=Z,46nm,1.3s | | | | 16 36 55.1 | |
| SCRK | Sand Creek | 18.81 | 39 | P | 16 36 53.4 | 0.0 |
| CTGM | Chitina Glacier | 18.82 | 49 | P | 16 36 54.0 | +0.5 |
| CTGM | comp=Z,31nm,0.9s | | | | 16 37 11.8 | |
| PETK | Petrovlovsk | 18.94 | 287 | P | 16 36 56.0 | +0.4 |
| PETK | Petrovlovsk | 18.94 | 287 | P | 16 36 56.0 | +0.4 |
| PCKA | Pinnacle | 19.12 | 52 | P | 16 36 58.6 | +0.8 |
| BILL | Bilibino | 19.68 | 335 | P | 16 37 03.8 | -0.5 |
| BILL | comp=Z,24nm,0.9s | | | | | |
| BILL | Bilibino | 19.68 | 335 | P | 16 37 03.9 | -0.5 |
| BILL | comp=Z,22nm,0.9s | | | | 16 37 08.6 | |
| TOLK | Toolik Lake Re | 19.90 | 23 | Pn | 16 37 06.8 | -0.2 |
| TOLK | Toolik Lake Re | 19.90 | 23 | Pn | 16 37 06.4 | -0.6 |
| TOLK | comp=Z,18nm,0.9s | | | | 16 37 21.8 | |
| EGAK | Eagle | 20.27 | 38 | P | 16 37 09.2 | +0.1 |
| HYT | Haines Junctio | 20.61 | 51 | Pn | 16 37 16.0 | +0.6 |
| DAWY | Dawson | 20.68 | 41 | P | 16 37 13.9 | +0.3 |
| A21K | Barrow | 20.76 | 13 | P | 16 37 15.1 | +0.7 |
| A21K | Barrow | 20.76 | 13 | P | 16 37 15.0 | +0.7 |
| WHY | Whitehorse | 21.85 | 52 | P | 16 37 26.4 | +0.1 |
| WHY | comp=Z,20nm,1.2s | | | | 16 37 35.8 | |
| SEY | Seymour | 22.30 | 314 | P | 16 37 32.1 | +1.2 |
| MA2 | Magadan | 22.58 | 305 | LR | 16 46 41.7 | |
| EPYK | Eagle Plains | 22.61 | 36 | P | 16 37 33.7 | -0.6 |
| EPYK | Eagle Plains | 22.61 | 36 | P | 16 37 33.8 | -0.6 |
| EPYK | comp=Z,25nm,0.9s | | | | 16 37 53.8 | +3.8 |
| DLBC | Dease Lake | 24.21 | 58 | P | 16 37 53.8 | +3.8 |
| DLBC | comp=Z,5nm,0.8s | | | | 16 37 53.5 | +0.7 |
| INK | Inuvik | 24.52 | 33 | P | 16 37 53.5 | +0.7 |
| INK | comp=Z,3.4nm,0.5s | | | | 16 37 52.7 | 0.0 |
| INK | Inuvik | 24.52 | 33 | P | 16 37 52.7 | 0.0 |
| C36M | Paulatuk | 28.11 | 34 | P | 16 38 24.7 | -0.3 |
| D03A | Eldon | 31.00 | 78 | P | 16 38 48.8 | -2.1 |
| YDKA | Yellowknife Ar | 31.54 | 48 | P | 16 38 56.9 | +1.5 |
| TIXI | Tiksi | 32.72 | 330 | P | 16 39 04.1 | -1.6 |
| YAK | Yakutsk | 32.75 | 312 | P | 16 39 05.2 | -0.9 |
| YAK | comp=Z,1.9nm,0.3s | | | | 16 39 04.8 | -1.2 |
| YAK | Yakutsk | 32.75 | 312 | P | 16 39 06.0 | |
| J04D | Umpqua Nationa | 33.69 | 85 | P | 16 39 12.2 | -2.6 |
| YBH | Yreka Blue Hor | 34.14 | 88 | P | 16 39 22.1 | +3.6 |
| YBH | comp=Z,4.7nm,1.2s | | | | 16 39 35.4 | |
| YBH | Yreka Blue Hor | 34.14 | 88 | P | 16 39 22.8 | +3.2 |
| NEW | Newport | 34.29 | 74 | P | 16 39 21.3 | +1.7 |
| NEW | comp=Z,3.3nm,0.8s | | | | 16 39 36.3 | |
| NEW | Newport | 34.29 | 74 | P | 16 39 21.3 | +1.7 |
| WRMH | West Rim | 34.58 | 153 | P | 16 39 20.6 | -1.9 |
| KLR | Kul'dur | 35.60 | 289 | P | 16 39 30.2 | -0.6 |
| KLR | comp=Z,2.1nm,0.7s | | | | 16 39 29.0 | -1.9 |
| KLR | Kul'dur | 35.60 | 289 | P | 16 39 44.1 | +2.3 |
| MSO | Missoula | 36.86 | 74 | P | 16 39 46.5 | +0.1 |
| RES | Resolute Bay | 37.46 | 25 | P | 16 39 47.0 | |
| RES | comp=Z,2.6nm,0.9s | | | | 16 39 50.7 | |
| USRK | Ussuriysk Ar. | 37.91 | 282 | P | 16 39 57.1 | +0.1 |
| WAKR | Walker | 38.06 | 89 | P | 16 39 52.1 | -0.1 |
| WAKR | comp=Z,1.4nm,0.6s | | | | 16 39 58.2 | |
| HLID | Hailey | 38.26 | 79 | P | 16 39 55.9 | +2.1 |
| MAJO | Matsushiro | 38.52 | 267 | P | 16 39 59.5 | +3.6 |
| MAJO | comp=Z,23nm,1.6s | | | | | |
| MAJO | Matsushiro | 38.52 | 267 | P | 16 39 55.7 | -0.1 |
| MJAR | Matsushiro Arr | 38.52 | 267 | P | 16 39 57.3 | +1.4 |
| RES | Resolute Bay | 37.46 | 25 | P | 16 39 55.6 | -0.3 |
| EUNU | Eureka | 38.67 | 16 | P | 16 39 56.0 | -0.7 |
| EUNU | comp=Z,8.1nm,1.4s | | | | 16 40 03.8 | |
| EGMT | Eggleton | 38.76 | 70 | P | 16 39 57.8 | 0.0 |
| EGMT | comp=Z,2.9nm,1.0s | | | | 16 39 58.0 | +0.1 |
| NVAR | Mina Array Bea | 38.81 | 89 | P | 16 40 02.1 | +3.6 |
| BOZ | Bozeman (W) | 38.87 | 75 | P | 16 39 59.8 | +0.9 |
| YHL | Hebgen Lake | 39.53 | 76 | P | 16 40 04.5 | -0.1 |
| CWC | Cottonwood Cre | 40.19 | 91 | P | 16 40 07.8 | -2.1 |
| GRAC | Grapevine Rang | 40.28 | 90 | P | 16 40 09.3 | -1.3 |
| ISA | Isabella, Lake | 40.44 | 92 | P | 16 40 10.8 | -1.1 |
| RLMT | Red Lodge | 40.53 | 74 | P | 16 40 13.5 | +0.7 |
| R11A | Troy Canyon, C | 40.55 | 87 | P | 16 40 10.9 | -2.0 |
| MPMC | Manual Prospec | 40.80 | 91 | P | 16 40 14.1 | -0.9 |
| FURC | Furnace Creek, | 40.93 | 90 | P | 16 40 16.8 | +1.1 |
| TPNV | Topopah Spring | 41.00 | 89 | P | 16 40 18.4 | +1.8 |
| DUGW | Dugway, Tooele | 41.15 | 83 | P | 16 40 19.3 | +1.5 |
| PSUT | Pine Spring | 41.51 | 85 | P | 16 40 20.6 | -0.2 |
| BOD | Bodaibo | 41.52 | 309 | P | 16 40 17.6 | -2.8 |

| | | | | | | | | | | |
|------|--------------------|-------|-----|---|------------|------|---|---|------------|------|
| BOD | comp=Z,70nm,1.7s | | | | 41.66 | 77 | P | P | 16 40 22.6 | +0.6 |
| BW06 | Boulder Array | 41.66 | 77 | P | 16 40 20.3 | -1.7 | | | | |
| PD31 | Pinedale Array | 41.66 | 77 | P | 16 40 20.8 | | | | | |
| PD31 | comp=Z,5.3nm,0.7s | | | | 16 40 22.8 | +0.7 | | | | |
| PDAR | Pinedale Array | 41.66 | 77 | P | 16 40 21.2 | -2.6 | | | | |
| BFSC | Mount Baldy Ra | 41.87 | 93 | P | 16 40 24.8 | -1.4 | | | | |
| TUQ | Turquoise Moun | 42.17 | 90 | P | 16 40 28.1 | -0.5 | | | | |
| HIA | Hailar | 42.50 | 295 | P | 16 40 28.1 | -0.5 | | | | |
| HIA | comp=Z,24nm,0.9s | | | | 16 40 28.9 | | | | | |
| HIA | Hailar | 42.50 | 295 | P | 16 40 28.1 | -0.5 | | | | |
| HIA | comp=Z,24nm,0.9s | | | | 16 40 29.9 | -1.1 | | | | |
| GMRC | Granite Mounta | 42.76 | 91 | P | 16 40 32.3 | +0.5 | | | | |
| P17A | Butcher Ranch, | 42.86 | 82 | P | 16 40 32.5 | +0.1 | | | | |
| RDMU | Red Mountain | 42.92 | 90 | P | 16 40 36.5 | +3.3 | | | | |
| O16A | Castle Valley | 42.94 | 93 | P | 16 40 32.6 | -0.6 | | | | |
| PFO | Pinyon Flats O | 43.03 | 93 | P | 16 40 32.6 | -0.6 | | | | |
| PFO | comp=Z,1.1nm,0.5s | | | | 43.06 | 92 | P | P | 16 40 37.4 | -1.1 |
| BELO | Belle Mtn. Jos | 43.06 | 92 | P | 16 40 37.5 | +0.7 | | | | |
| IRM | Iron Mountain | 43.49 | 91 | P | 16 40 38.1 | +0.7 | | | | |
| MONP | Monument Peak | 43.54 | 94 | P | 16 40 38.0 | +0.6 | | | | |
| K22A | Casper | 43.56 | 75 | P | 16 40 38.6 | +0.6 | | | | |
| BC3 | Big Chuckwall | 43.63 | 92 | P | 16 40 40.1 | 0.0 | | | | |
| U15A | North Rim | 43.79 | 87 | P | 16 40 42.0 | +1.0 | | | | |
| U15A | comp=Z,14nm,1.0s | | | | 43.90 | 94 | P | P | 16 40 43.1 | +2.1 |
| IKP | In-Ko-Pah, Jac | 43.90 | 94 | P | 16 40 43.1 | +2.1 | | | | |
| O20A | White River Ci | 44.00 | 79 | P | 16 40 42.7 | +0.1 | | | | |
| PDMC | Parker Dam,Lak | 44.02 | 90 | P | 16 40 42.8 | +0.2 | | | | |
| RSSD | Black Hills | 44.20 | 72 | P | 16 40 42.8 | +0.2 | | | | |
| RSSD | Black Hills | 44.20 | 72 | P | 16 40 42.8 | +0.2 | | | | |
| RSSD | comp=Z,4.0nm,1.0s | | | | 44.20 | 72 | P | P | 16 40 42.8 | +0.2 |
| RSSD | Black Hills | 44.20 | 72 | P | 16 40 45.8 | +1.5 | | | | |
| KSR5 | Korea Array | 44.34 | 276 | P | 16 40 45.8 | +1.5 | | | | |
| GLA | Glami | 44.42 | 92 | P | 16 40 45.9 | +0.4 | | | | |
| GLA | comp=Z,1.2nm,0.8s | | | | 44.55 | 82 | P | P | 16 40 47.2 | +1.1 |
| VP23 | Carpenter Ridge | 44.55 | 82 | P | 16 40 47.2 | +1.1 | | | | |
| VP23 | comp=Z,9.3nm,1.0s | | | | 44.64 | 82 | P | P | 16 40 47.2 | +1.1 |
| VP22 | Blue Mesa, Par | 44.64 | 82 | P | 16 40 47.4 | +0.9 | | | | |
| VP22 | comp=Z,12nm,1.0s | | | | 44.69 | 82 | P | P | 16 41 01.1 | |
| VP17 | East Wray Mesa | 44.69 | 82 | P | 16 40 47.5 | +0.9 | | | | |
| VP17 | comp=Z,16nm,1.1s | | | | 44.70 | 82 | P | P | 16 41 04.2 | |
| VP16 | Nyswonger Mesa | 44.70 | 82 | P | 16 40 47.6 | +0.3 | | | | |
| VP16 | comp=Z,5.3nm,0.8s | | | | 44.78 | 82 | P | P | 16 40 48.9 | +0.9 |
| VP03 | Paradox Valley | 44.78 | 82 | P | 16 40 49.9 | +1.3 | | | | |
| VP02 | Norsar Array S | 44.77 | 82 | P | 16 40 50.0 | +1.4 | | | | |
| N23A | Red Feather La | 44.94 | 77 | P | 16 40 52.7 | +1.3 | | | | |
| WUAZ | Wupatki | 44.95 | 87 | P | 16 40 54.8 | +2.5 | | | | |
| JUNU | Juniper Island | 45.32 | 269 | P | 16 40 55.4 | +1.2 | | | | |
| ULM | Lac du Bonnet | 45.47 | 61 | P | 16 40 55.1 | -0.4 | | | | |
| MVCO | Mesa Verde | 45.65 | 83 | P | 16 40 59.6 | +0.8 | | | | |
| ISCO | Idaho Springs | 45.81 | 78 | P | 16 40 59.3 | +0.6 | | | | |
| ISCO | comp=Z,11nm,1.1s | | | | 46.22 | 86 | P | P | 16 40 59.3 | +0.6 |
| W18A | Petrified Fore | 46.22 | 86 | P | 16 40 59.3 | +0.6 | | | | |
| W18A | Petrified Fore | 46.22 | 86 | P | 16 40 59.9 | +0.2 | | | | |
| S22A | 4UR Ranch, Cre | 46.34 | 81 | P | 16 41 01.3 | +1.2 | | | | |
| 214A | Organ Pipe Nat | 46.42 | 92 | P | 16 41 00.6 | +0.6 | | | | |
| 214A | comp=Z,11nm,1.1s | | | | 46.46 | 331 | P | P | 16 41 01.3 | |
| NR1K | Norsar Array S | 46.46 | 331 | P | 16 41 00.6 | +0.6 | | | | |
| NR1K | comp=Z,3.5nm,0.9s | | | | 46.55 | 63 | P | P | 16 41 01.3 | |
| AGMN | Agassiz Nation | 46.55 | 63 | P | 16 41 01.3 | | | | | |
| SDCO | Great Sand Dun | 47.15 | 80 | P | 16 41 08.8 | +0.7 | | | | |
| TUC | Tucson | 47.44 | 90 | P | 16 41 13.0 | -1.2 | | | | |
| T25A | Trinidad | 48.21 | 80 | P | 16 41 15.3 | -0.1 | | | | |
| ANMO | Albuquerque | 48.37 | 84 | P | 16 41 19.4 | +0.0 | | | | |
| ANMO | comp=Z,7.7nm,1.1s | | | | 48.37 | 84 | P | P | 16 41 25.3 | |
| ANMO | Albuquerque | 48.37 | 84 | P | 16 41 16.3 | -1.9 | | | | |
| ANMO | comp=Z,7.0nm,1.3s | | | | 48.77 | 68 | P | P | 16 41 18.7 | +0.5 |
| ECSD | EROS Data Cent | 48.77 | 68 | P | 16 41 21.6 | +0.1 | | | | |
| ECSD | EROS Data Cent | 48.77 | 68 | P | 16 41 20.9 | -0.6 | | | | |
| 121A | Cookes Peak, D | 49.15 | 87 | P | 16 41 26.6 | +0.7 | | | | |
| 121A | comp=Z,13nm,1.3s | | | | 49.15 | 87 | P | P | 16 41 26.7 | |
| 121A | Cookes Peak, D | 49.15 | 87 | P | 16 41 26.6 | +0.7 | | | | |
| 121A | comp=Z,14nm,1.3s | | | | 49.80 | 306 | P | P | 16 41 25.5 | -0.5 |
| TLY | Talaya | 49.80 | 306 | P | 16 41 29.7 | -0.1 | | | | |
| TLY | comp=Z,20nm,1.0s | | | | 50.28 | 300 | P | P | 16 41 28.5 | -1.3 |
| TLY | Talaya | 50.28 | 300 | P | 16 41 30.7 | | | | | |
| ULN | Ulaanbaatar | 50.28 | 300 | P | 16 41 31.0 | -0.7 | | | | |
| ULN | comp=Z,10nm,1.0s</ | | | | | | | | | |

2d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like DANN, CLM, CLL, etc.

BGR 02: 16:33:09.5-0.0, 50.86N, 170.90W, h25km, mb5.4, Ms4.6

NEIC 02: 16:33:10.5-1.4, 51.67N, 0.06-171.30W, 0.0h, h19km, 3km

MOS 02: 16:33:11.8-0.9, 51.67N, 171.26W, h40km, mb5.4/46, MS4.7, Error ellipse: s-maj=6.7km s-min=4.6km az=16.3

BUI 02: 16:33:11.4-0.0, 51.61N, 171.52W, h37km, mb5.5/34, mb5.1/44, Ms5.3/33, Ms7.4/9.30

IDC 02: 16:33:13.6-2.1, 51.79N, 171.35W, h32km, 19km, mb4.5/46, mb1.4/48, mb1.2mx4.6/58, mb1mp4.7/48, ML4.2, MS4.3, Ms1.4/4.3, ms1mx4.0/19, Error ellipse: s-maj=13.5km s-min=8.8km az=176.0

GCMT 02: 16:33:14.0-0.2, 51.61N, 0.01-171.20W, 0.01, h17km, MW5.2/142, Moment Tensor Solution, s70, c94; s142, c237; Duration: 1.01 Moment tensor; Scale 1016 Nm; Mn=0.27; 13; Mb=1.77; 13; Mw=2.04; 12; Mw=4.93; 48; Mb=5.96; 11; Mw=0.45; 29; Best double couple: M7.98000x1016 Np1=8.00000; 852.00000; 1.177e9.99.00000; 888.00000; 1.33.00000

Principal axes: T 8.0770, Plg28.0000; Azm331.0000; N -0.1950, Plg52.0000; Azm102.0000; P -7.8830, Plg24.0000; Azm227.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

AEIC 02: 16:33:14.1-4.5, 51.64N, 0.08-171.20W, 0.07, h53km, 2km, ML4.6, mb5.1/301(NEIC) Error ellipse: s-maj=11.7km s-min=5.7km az=159.0

ISC 02: 16:33:13.7-0.4, 51.73N, 0.05-171.24W, 0.03, h37km, 1km, n694, s1904/707, mb5.1/265, MS4.8/19, 16C-12D, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like KOROV, ATKA, KOKV, etc.

2014 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like FALS, AMKA, SDPT, CNBA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like NEW, E09A, G08A, K05A, etc.

Table with columns: MAK, MAK, comp, Station Name, Az, El, S, P, Res, Res. Includes stations like BUR08 Bucovina Ar, S, MDS Modra-Piesok, etc.

Table with columns: COEB, Comit de Eme, 0.75, 12, J/P, P, S, Res, Res. Includes stations like PAVA Las Pavas, MURB Monte Urbino, etc.

Table with columns: comp, Station Name, Az, El, S, P, Res, Res. Includes stations like EL6 Elicito, PARC Parchiule, etc.

ASRS 02 16:49:24.6:0.3, 50°N, 2°E, 91'E, h5km, MLH3.6/16, smi:org.gfz-potsdam.de/geofon/LCASP earthModelID

Table with columns: Code, Station Name, Az, El, S, P, Res, Res. Includes stations like JMA Felt I J1, JMA Felt II J1, etc.

| | | | | | | |
|-------|-------------------------------------------|-------|-----|------|------|-----------------|
| KUR | 460nm,0.4s | 0.86 | 52 | ePN | Pn | 17 53 15.7 +0.4 |
| KUR | Kuril'sk | | | eS | Sn | 17 53 33.8 +0.4 |
| KUR | comp=Z,156nm,0.4s | | | pmax | pmax | |
| KUR | comp=N,79nm,0.2s | | | pmax | pmax | |
| KUR | comp=E,60nm,0.4s | | | smax | smax | |
| KUR | comp=N,262nm,0.4s | | | smax | smax | |
| KUR | comp=E,258nm,0.4s | | | smax | smax | |
| YUK | Yuzh-Kuril'sk | 1.00 | 228 | i P | Pn | 17 53 17.1 +0.6 |
| YUK | comp=E,150nm,0.4s | | | AMB | AMB | 17 53 17.8 |
| YUK | comp=E,290nm,0.4s | | | i S | Sn | 17 53 35.9 +0.5 |
| YUK | comp=E,1µm,0.4s | | | A | A | 17 53 42.0 |
| YUK | comp=E,290nm,0.4s | | | A | A | 17 53 42.0 |
| YUK | Yuzh-Kuril'sk | 1.00 | 228 | i P | Pn | 17 53 17.0 +0.6 |
| YUK | comp=N,1µm,0.4s | | | i S | Sn | 17 53 35.8 +0.4 |
| YUK | comp=Z,1µm,0.4s | | | pmax | pmax | |
| YUK | comp=N,261nm,0.2s | | | pmax | pmax | |
| YUK | comp=E,356nm,0.2s | | | smax | smax | |
| YUK | comp=E,1µm,0.3s | | | smax | smax | |
| GRPR | Tuman | 1.08 | 229 | i P | Pn | 17 53 17.7 +0.6 |
| GRPR | comp=N,80nm,0.4s | | | AMB | AMB | 17 53 18.0 |
| GRPR | comp=N,400nm,0.5s | | | i S | Sn | 17 53 37.7 +1.1 |
| GRPR | comp=N,320nm,0.5s | | | A | A | 17 53 38.0 |
| GRPR | Tuman | 1.08 | 229 | i P | Pn | 17 53 17.7 +0.6 |
| GRPR | comp=E,97nm,0.4s | | | i S | Sn | 17 53 37.7 +1.1 |
| GRPR | comp=Z,787nm,0.4s | | | A | A | 17 53 38.0 |
| GRPR | comp=N,81nm,0.2s | | | pmax | pmax | |
| GRPR | comp=N,4µm,0.6s | | | smax | smax | |
| GRPR | comp=E,3µm,0.5s | | | smax | smax | |
| GLVR | Golovino | 1.39 | 226 | i P | Pn | 17 53 21.5 +1.5 |
| GLVR | comp=E,110nm,0.3s | | | AMB | AMB | 17 53 22.0 |
| GLVR | comp=E,330nm,0.3s | | | i S | Sn | 17 53 43.1 +1.3 |
| GLVR | comp=E,258nm,0.3s | | | A | A | 17 53 44.0 |
| GLVR | Golovino | 1.39 | 226 | i P | Pn | 17 53 21.5 +1.5 |
| GLVR | comp=Z,1µm,0.1s | | | i S | Sn | 17 53 43.1 +1.3 |
| GLVR | comp=N,3µm,0.4s | | | pmax | pmax | |
| GLVR | comp=E,2µm,0.2s | | | smax | smax | |
| JRA | Rausu | 1.49 | 240 | P | Pn | 17 53 21.7 +0.6 |
| JRA | comp=E,100nm,0.3s | | | eS | Sn | 17 53 22.0 -0.1 |
| NEM2 | Nemuro 2 | 1.58 | 212 | P | Pn | 17 53 43.3 -2.1 |
| NEM2 | comp=E,100nm,0.3s | | | eS | Sn | 17 53 22.0 -0.1 |
| NMR | Nemuro-Hokkai | 1.58 | 213 | i P | Pn | 17 53 43.3 -2.1 |
| NMR | comp=E,100nm,0.3s | | | i S | Sn | 17 53 43.4 -2.0 |
| NMR | Nemuro-Hokkai | 1.58 | 213 | i P | Pn | 17 53 43.3 -2.1 |
| NMR | comp=E,100nm,0.3s | | | i S | Sn | 17 53 43.3 -2.1 |
| JNSB | Nemuroshibetsu | 1.65 | 236 | P | Pn | 17 53 23.8 +1.0 |
| JNK | Nakash | 1.93 | 235 | P | Pn | 17 53 26.9 +0.9 |
| JKHN | Kushirohamanak | 2.06 | 218 | P | Pn | 17 53 27.8 +0.4 |
| JKHN | comp=E,100nm,0.3s | | | eS | Sn | 17 53 53.9 -1.0 |
| JTKR | Abashiri-Toko | 2.27 | 252 | eS | Sn | 17 53 30.7 +0.8 |
| JTKR | comp=E,100nm,0.3s | | | eS | Sn | 17 54 00.1 +0.7 |
| JAK | AKKishi | 2.34 | 224 | P | Pn | 17 53 31.3 +0.5 |
| JAK | comp=E,100nm,0.3s | | | eS | Sn | 17 54 00.2 -0.7 |
| JMP | Maruseppu | 2.64 | 256 | P | Pn | 17 53 35.3 +0.9 |
| JAR | Ashorobuto | 2.66 | 239 | P | Pn | 17 53 36.3 +0.9 |
| JOB | Onbets | 2.86 | 232 | P | Pn | 17 53 38.5 +1.3 |
| JOB | comp=E,100nm,0.3s | | | eS | Sn | 17 54 11.9 -0.5 |
| JSE | Soyas | 3.08 | 276 | P | Pn | 17 53 41.0 +1.0 |
| JKK2 | Kamakawa 2 | 3.10 | 256 | P | Pn | 17 53 41.6 +1.4 |
| JKA | Kamikawa-asahi | 3.14 | 261 | eP | Pn | 17 53 42.5 +1.8 |
| JKA | Kamikawa-asahi | 3.14 | 261 | eP | Pn | 17 53 42.2 +1.5 |
| ASAJ | Asahikawa | 3.14 | 261 | P | Pn | 17 53 42.5 +1.7 |
| ASAJ | comp=E,77nm,0.3s,baz=22,slow=7.0,SNR=607 | | | S | Sn | 17 54 20.8 +2.0 |
| JCH | Churui | 3.31 | 232 | P | Pn | 17 53 43.8 +0.8 |
| JCH | comp=E,100nm,0.3s | | | eS | Sn | 17 54 20.7 -2.0 |
| JFR | Furan | 3.47 | 245 | P | Pn | 17 53 46.6 +1.6 |
| JFR | comp=Z,156nm,0.4s | | | eS | Sn | 17 54 27.7 +1.3 |
| JWK2 | Keihoku | 3.60 | 281 | P | Pn | 17 53 48.8 +2.2 |
| YSS | Yuzh-Sakhalins | 3.67 | 309 | eP | Pn | 17 53 48.4 +0.9 |
| YSS | comp=E,20nm,0.6s | | | AMB | AMB | 17 53 48.4 |
| YSS | comp=E,40nm,1.0s | | | eS | Sn | 17 54 31.6 +0.8 |
| YSS | comp=E,40nm,1.0s | | | A | A | 17 54 33.1 |
| YSS | Yuzh-Sakhalins | 3.67 | 309 | eP | Pn | 17 53 48.1 +0.7 |
| YSS | comp=Z,20nm,0.6s | | | eS | Sn | 17 54 31.8 +1.0 |
| YSS | comp=N,40nm,1.0s | | | smax | smax | |
| YSS | comp=E,40nm,1.0s | | | smax | smax | |
| YSS | Yuzh-Sakhalins | 3.67 | 309 | Pn | Pn | 17 53 48.4 +0.9 |
| ERM | Ermo | 3.83 | 227 | PN | Pn | 17 53 51.4 +1.7 |
| ERM | comp=E,100nm,0.3s | | | Pn | Pn | 17 53 50.3 +0.1 |
| JNBK | Urakawa-nobuka | 3.87 | 233 | eS | Pn | 17 53 52.1 +3.6 |
| JNBK | comp=E,100nm,0.3s | | | eS | Pn | 17 53 56.0 +1.6 |
| JREN | Rebuntou | 4.20 | 282 | P | Pn | 17 53 58.9 +2.3 |
| JEW | Eniwo | 4.37 | 247 | P | Pn | 17 53 59.2 +2.6 |
| JEW | comp=E,100nm,0.3s | | | Pn | Pn | 17 54 19.9 -0.9 |
| JTM | Tenmabayashi | 5.81 | 230 | Pn | Pn | 17 54 29.5 +0.8 |
| JTV | Ytmovskoe | 6.79 | 337 | eP | Pn | 17 54 30.2 |
| JTV | comp=E,50nm,1.0s | | | AMB | AMB | 17 54 29.5 +0.8 |
| JTV | comp=Z,45nm,1.1s | | | pmax | pmax | |
| JMM | Marumori | 8.24 | 216 | Pn | Pn | 17 54 46.1 -2.0 |
| JYT | Yasato | 9.89 | 213 | Pn | Pn | 17 55 06.9 -3.1 |
| MAJO | Matsushiro | 10.49 | 222 | Pn | Pn | 17 55 19.1 +1.1 |
| MAJO | Matsushiro | 10.49 | 222 | Pn | Pn | 17 55 19.1 +1.1 |
| USRK | Ussuriysk Ar. | 10.68 | 273 | Pn | Pn | 17 55 21.0 +0.6 |
| USRK | comp=Z,13nm,0.8s | | | PN | PN | 17 55 19.0 -1.4 |
| USA0B | Ussuriysk Arra | 10.68 | 273 | PN | PN | 17 55 19.0 -1.4 |
| USA0B | comp=Z,13nm,0.8s | | | PN | PN | 17 55 23.4 -1.1 |
| PEA0B | Petrovavlovsk- | 10.99 | 36 | Pn | Pn | 17 55 23.4 -1.1 |
| PEA0B | comp=Z,13nm,0.8s | | | Pn | Pn | 17 55 23.9 -0.6 |
| PETK | Petrovavlovsk- | 10.99 | 36 | Pn | Pn | 17 55 24.0 -0.6 |
| PETK | comp=Z,13nm,0.8s | | | Pn | Pn | 17 55 32.0 -1.4 |
| JGJF | Kuroka | 11.66 | 222 | Pn | Pn | 17 55 50.6 +1.4 |
| JWT | Wachi | 12.88 | 227 | Pn | Pn | 17 56 31.2 +2.3 |
| KSRS | Korea Array | 16.02 | 250 | P | P | 17 56 31.2 +2.3 |
| SEY | Seymchan | 18.53 | 8 | P | P | 17 56 55.1 -1.1 |
| SEY | comp=Z,0.7nm,0.3s,baz=198,slow=1.1,SNR=14 | | | P | P | 17 56 55.6 -0.6 |
| SEY | Seymchan | 18.53 | 8 | eP | Pn | 17 56 55.6 -0.6 |
| YAK | Yakutsk | 20.05 | 336 | P | P | 17 57 10.0 -2.6 |
| YAK | comp=Z,0.2nm,0.3s,baz=57,slow=10,SNR=1.7 | | | P | P | 17 57 10.5 -2.1 |
| YAK | Yakutsk | 20.05 | 336 | eP | Pn | 17 57 09.8 -2.8 |
| YAK | comp=Z,13nm,0.8s | | | pmax | pmax | 17 57 11.9 |
| YAK | Yakutsk | 20.05 | 336 | I | I | 17 57 09.8 -2.8 |
| SONM | Songino Array | 27.95 | 291 | P | P | 17 58 27.9 +0.1 |
| SONM | comp=Z,0.6nm,0.4s,baz=82,slow=8.2,SNR=6.3 | | | P | P | |

| | | | | | | |
|-------|--------------------------------------------|-------|-----|------|------|-----------------|
| TIXI | Tiksi | 28.39 | 348 | eP | P | 17 58 27.8 -3.4 |
| H1N2 | WAKE ISLAND Hy | 29.95 | 140 | T | T | 18 30 15.8 |
| H1N1 | WAKE ISLAND Hy | 29.95 | 140 | T | T | 18 30 05.5 |
| H1N3 | WAKE ISLAND Hy | 29.96 | 140 | T | T | 18 30 11.0 |
| H1S1 | WAKE ISLAND Hy | 30.92 | 141 | T | T | 18 31 17.7 |
| H1S3 | WAKE ISLAND Hy | 30.93 | 141 | T | T | 18 31 27.6 |
| H1S2 | WAKE ISLAND Hy | 30.94 | 141 | T | T | 18 31 17.3 |
| TTA | Tatalina | 36.80 | 40 | P | P | 17 59 46.2 +1.7 |
| TTA | comp=Z,8.0nm,1.5s | | | pmax | pmax | |
| TTA | Tatalina | 36.80 | 40 | P | P | 17 59 46.2 +1.7 |
| TTA | comp=Z,4.0nm,0.4s | | | I | I | 18 00 02.7 |
| SVW2 | Sparrevohhn | 36.98 | 43 | P | P | 17 59 48.1 +2.2 |
| SVW2 | comp=Z,1.2nm,1.2s | | | I | I | 17 59 56.7 -1.3 |
| RSO | Redoubt South | 38.39 | 44 | P | P | 18 00 01.6 +2.3 |
| PPLA | Purkeypile | 38.55 | 40 | I | I | 18 00 07.9 |
| KDKA | Kodiak Island | 38.74 | 48 | P | P | 18 00 02.4 +1.7 |
| SKT | Skwernta | 38.89 | 41 | I | I | 18 00 17.2 |
| BPBW | Bear Paw Mtn. | 39.07 | 38 | P | P | 18 00 03.8 +0.3 |
| BPBW | comp=Z,15nm,1.7s | | | I | I | 18 00 17.2 |
| KTH | Kantishna Hill | 39.11 | 39 | P | P | 18 00 05.3 +1.5 |
| KTH | comp=Z,22nm,1.5s | | | I | I | 18 00 16.2 -0.1 |
| CNPM | China Pool | 39.23 | 45 | P | P | 18 00 05.8 -0.3 |
| BRLL | Bradley Lake | 39.38 | 45 | P | P | 18 00 07.4 +1.0 |
| TRF | Thorofore Moun | 39.40 | 39 | I | I | 18 00 29.6 |
| COLD | Coldfoot | 39.44 | 33 | P | P | 18 00 06.5 +0.1 |
| BWN | Browne | 39.74 | 38 | P | P | 18 00 11.0 +2.1 |
| BWN | comp=Z,1.7nm,1.0s | | | I | I | 18 00 11.4 |
| TOLK | Toolik Lake | 39.75 | 31 | P | P | 18 00 08.0 -1.0 |
| TOLK | comp=Z,12nm,1.4s | | | I | I | 18 00 30.2 |
| I23K | Minto, Yukon-K | 39.76 | 36 | P | P | 18 00 09.9 +0.9 |
| RND | Reindeer | 40.05 | 39 | P | P | 18 00 12.5 +0.9 |
| RND | comp=Z,27nm,1.6s | | | pmax | pmax | |
| RND | Reindeer | 40.05 | 39 | P | P | 18 00 12.5 +0.9 |
| RND | comp=Z,27nm,1.6s | | | I | I | 18 00 13.2 +0.8 |
| GHO | Glory Hole Cre | 40.14 | 42 | P | P | 18 00 12.5 -0.7 |
| IDM | Murphy Dome | 40.24 | 37 | P | P | 18 00 12.7 -0.8 |
| ZAAO | Zalesovo Array | 40.28 | 306 | P | P | 18 00 12.8 -0.7 |
| ZALV | Zalesovo Beam | 40.28 | 306 | P | P | 18 02 15.2 +1.1 |
| ZALV | comp=Z,0.8nm,0.3s,baz=73,slow=7.9,SNR=6.7 | | | PcP | PcP | |
| WRH | Wood River Hill | 40.32 | 37 | P | P | 18 00 14.2 +0.5 |
| KNK | Knik Glacier | 40.40 | 42 | P | P | 18 00 14.5 +0.1 |
| KNK | comp=Z,23nm,1.2s | | | I | I | 18 00 17.2 |
| COLA | College | 40.41 | 37 | i P | Pn | 18 00 15.3 +0.9 |
| COLA | comp=Z,21nm,2.3s | | | pmax | pmax | |
| SML | Sawmill | 40.42 | 42 | P | P | 18 00 15.8 +1.1 |
| CCB | Clear Creek Bu | 40.44 | 37 | P | P | 18 00 15.5 +0.8 |
| POKR | Poker Flat Res | 40.57 | 36 | I | I | 18 00 17.2 +1.4 |
| DHY | Denali Highway | 40.74 | 39 | P | P | 18 00 18.9 |
| DHY | comp=Z,6.8nm,1.1s | | | I | I | 18 00 18.3 +1.0 |
| HDA | Harding Lake | 40.82 | 37 | P | P | 18 00 18.9 +1.0 |
| ILAR | Eielson Array | 40.82 | 37 | P | P | 18 00 18.4 +0.6 |
| ILAR | comp=Z,2.8nm,0.8s,baz=269,slow=7.3,SNR=27 | | | ScP | ScP | |
| ILAR | comp=Z,0.2nm,0.6s,baz=270,slow=4.1,SNR=1.8 | | | P | P | 18 05 51.2 +0.2 |
| SCM | Sheep Creek Mo | 40.89 | 41 | P | P | 18 00 17.3 -1.2 |
| SCM | comp=Z,43nm,1.4s | | | pmax | pmax | |
| SCM | Sheep Creek Mo | 40.89 | 41 | P | P | 18 00 17.3 -1.2 |
| KLK | Klutina | 41.59 | 42 | P | P | 18 00 25.3 +1.0 |
| DOT | Dot Lake | 42.16 | 38 | P | P | 18 00 27.5 -1.3 |
| DOT | comp=Z,8.1nm,1.2s | | | I | I | 18 00 56.3 |
| K27K | Chicken | 42.98 | 38 | P | P | 18 00 36.8 +1.4 |
| K27K | comp=Z,5.4nm,0.8s | | | I | I | 18 00 37.4 |
| MCARA | McCarthy VSAT | 42.99 | 42 | P | P | 18 00 38.5 +3.1 |
| MCARA | comp=Z,27nm,1.3s | | | I | I | 18 01 00.5 |
| CRQM | Cirque | 43.05 | 43 | P | P | 18 00 38.0 +1.9 |
| TGL | Tana Glacier | 43.20 | 42 | P | P | 18 00 39.8 +2.5 |
| TGL | comp=Z,19nm,1.2s | | | I | I | 18 00 47.3 |
| EGAK | Eagle | 43.26 | 36 | P | P | 18 00 38.5 +0.9 |
| BALM | Baldy | 43.38 | 42 | P | P | 18 00 40.9 +2.2 |
| BALM | comp=Z,44nm,1.6s | | | I | I | 18 00 58.1 |
| ISLE | Juniper Island | 43.47 | 43 | P | P | 18 00 41.6 +2.1 |
| BARN | Barnard Glacie | 43.70 | 42 | P | P | 18 00 43.8 +2.4 |
| BARN | comp=Z,13nm,1.3s | | | I | I | 18 01 10.0 |
| MK31 | Makanchi Array | 43.99 | 297 | P | P | 18 00 43.2 -0.5 |
| MK31 | comp=Z,4.0nm,0.9s | | | pmax | pmax | |
| MK31 | Makanchi Array | 43.99 | 297 | P | P | 18 |

2d 18h

Table of station data for 2d 18h, including columns for station ID, name, frequency, power, and other technical details.

2014 DEC

Table of station data for 2014 DEC, including columns for station ID, name, frequency, power, and other technical details.

86

Table of station data for 86, including columns for station ID, name, frequency, power, and other technical details.

WEL 02 18:27:27.2, 40.9S, 0.8E, 175.0E, 1.0, h9km, M2.9/19, ML3.2/19, MLV2.9/19, Error ellipse: s-maj=10km

Table of station data for WEL, including columns for Code, Station Name, Frequency, Power, and other technical details.

IDC 02 18:33:39.6, 1.3, 5.35S, 147.04E, h235km, 13km, mb3.6/6, mb1.3/8.11, mb1.1mx3.5/3, mbtmp4.3/11, Error ellipse: s-maj=18.1km s-min=14.0km az=122.0

NEIC 02 18:33:39.8, 1.4, 5.37S, 146.98E, 0.06, h226km, 5km, mb4.7/20, Error ellipse: s-maj=11.7km s-min=8.2km az=110.0

DJA 02 18:33:40.1, 0.3, 5.4S, 147.7E, h226km, 6km, M4.5/14, mb4.2/14, mb4.9/5, MLV4.8/4, Mw(m)B4.2/5

ISC 02 18:33:40.0, 0.5, 5.44S, 0.06, 146.95E, 0.06, h235km, n48, e169/51, mb4.5/15, Eastern New Guinea region

Table of station data for IDC, NEIC, DJA, and ISC, including columns for Code, Station Name, Frequency, Power, and other technical details.

| | | | | |
|-------|--------------------|------|------|-----------------|
| KLV | comp=E,521µm,0.8s | AML | AML | 20 16 31.9 |
| KRNDI | comp=N,486µm,0.8s | P | Pn | 20 16 06.3 -1.2 |
| KRPED | Mato Peshtene | i/P | Pn | 20 16 05.5 +0.9 |
| SKO | Skopje | ePn | Pn | 20 16 08.6 +0.7 |
| SKO | Skopje | eSn | Pn | 20 16 45.5 -1.6 |
| SKO | Skopje | i/Pn | Pn | 20 16 08.7 +0.8 |
| SKO | Skopje | P | Pn | 20 16 07.4 -0.5 |
| AYDN | Tasoluk | eP | Pn | 20 16 08.6 +0.4 |
| AYDN | comp=E,123nm,0.7s | IAML | IAML | 20 17 18.0 |
| AYDN | comp=N,143nm,0.7s | IAML | IAML | 20 17 19.0 |
| USAK | Uak-Merkez | eP | Pn | 20 16 09.1 +0.6 |
| USAK | comp=N,134nm,0.8s | IAML | IAML | 20 17 06.0 |
| USAK | comp=E,181nm,0.7s | IAML | IAML | 20 17 10.0 |
| OHR | Ohrid | i/Pn | Pn | 20 16 10.6 +0.8 |
| AMGA | Amorogos Island | P | Pn | 20 16 09.0 -1.0 |
| RAZG | Razgrad | i/P | Pn | 20 16 10.6 +0.5 |
| RAZG | Razgrad | P | Pn | 20 16 10.6 +0.5 |
| RAZG | Razgrad | P | Pn | 20 16 10.6 +0.5 |
| PDO | Prodromos | P | Pn | 20 16 11.6 +1.0 |
| GDZ | Gediz | i/P | Pn | 20 16 20.9 +2.2 |
| TRIP | Tripoli | eP | Pn | 20 16 04.0 +0.4 |
| TRIP | comp=N,1035µm,0.7s | AML | AML | 20 16 32.5 |
| TRIP | comp=N,1046µm,0.7s | AML | AML | 20 16 32.7 |
| DRO | Drossia | P | Pn | 20 16 11.0 -0.2 |
| ZAPS | Zavoj | ePn | Pn | 20 16 13.2 +1.6 |
| BARS | Barje | ePn | Pn | 20 16 12.1 +0.2 |
| BARS | Barje | eSn | Pn | 20 16 52.3 -2.0 |
| BILE | Bilecik/Merkez | i/S | Pn | 20 16 12.0 0.0 |
| BILE | Bilecik/Merkez | i/S | Pn | 20 16 12.6 -4.0 |
| BILE | comp=E,222nm,0.7s | IAML | IAML | 20 17 14.0 |
| BILE | comp=N,246nm,0.7s | IAML | IAML | 20 17 16.0 |
| VLX | Vlachokerasia | P | Pn | 20 16 12.0 -0.2 |
| BDRM | Kayabasi | i/P | Pn | 20 16 12.7 +0.1 |
| BDRM | comp=N,60nm,1.2s | IAML | IAML | 20 17 18.0 |
| BDRM | comp=N,83nm,1.0s | IAML | IAML | 20 17 20.0 |
| ANDZ | Kutahya, Merke | i/P | Pn | 20 16 14.0 +0.4 |
| ANDZ | comp=E,249nm,1.4s | IAML | IAML | 20 17 25.0 |
| ANDZ | comp=N,232nm,1.2s | IAML | IAML | 20 17 28.0 |
| AUBOZ | BOZOYUK | i/P | Pn | 20 16 14.1 +0.1 |
| AUBOZ | comp=N,339nm,0.8s | IAML | IAML | 20 17 23.0 |
| AUBOZ | comp=E,161nm,0.7s | IAML | IAML | 20 17 26.0 |
| AMT | Artemida-Makis | P | Pn | 20 16 15.6 +0.4 |
| KHAL | Karahalli | i/P | Pn | 20 16 16.1 +0.8 |
| KHAL | Karahalli | i/S | Pn | 20 17 07.9 -0.9 |
| KHAL | comp=N,103nm,0.9s | IAML | IAML | 20 17 25.0 |
| KHAL | comp=E,81nm,1.2s | IAML | IAML | 20 17 32.0 |
| SANT | Santorini | Pn | Pn | 20 16 15.3 -0.6 |
| KAND | Kocaeli-Kandir | i/P | Pn | 20 16 15.8 -0.3 |
| KAND | comp=N,151nm,0.7s | IAML | IAML | 20 17 36.0 |
| KAND | comp=N,109nm,0.8s | IAML | IAML | 20 17 41.0 |
| ANAF | Anafi Island | P | Pn | 20 16 14.8 -1.6 |
| GEVY | SAKARYA_Gevye | i/P | Pn | 20 16 16.3 -0.1 |
| GEVY | SAKARYA_Gevye | i/S | Pn | 20 17 14.5 +1.7 |
| GEVY | comp=E,174nm,0.9s | IAML | IAML | 20 17 28.0 |
| GEVY | comp=N,322nm,1.2s | IAML | IAML | 20 17 52.0 |
| VLI | Veliia | P | Pn | 20 16 15.3 -1.3 |
| ITM | Ithomi | P | Pn | 20 16 17.8 +0.6 |
| ITM | Ithomi | P | Pn | 20 16 17.1 +0.1 |
| KAYN | Sakarya, Kayna | i/P | Pn | 20 16 16.3 -1.1 |
| FSK | Fiskardo | P | Pn | 20 16 17.9 +0.4 |
| TAVA | DENIZLI_Tavas | i/P | Pn | 20 16 18.6 +0.6 |
| TAVA | comp=N,40nm,0.9s | IAML | IAML | 20 17 23.0 |
| TAVA | comp=E,49nm,0.7s | IAML | IAML | 20 17 32.0 |
| BORA | Eskisehir | i/P | Pn | 20 16 18.5 0.0 |
| BORA | comp=N,57nm,1.1s | IAML | IAML | 20 17 31.0 |
| BORA | comp=E,57nm,0.9s | IAML | IAML | 20 17 33.0 |
| VLS | Valsamata | P | Pn | 20 16 19.9 +0.8 |
| KEK | Kerkira | P | Pn | 20 16 21.6 +1.8 |
| TIR | Tirane | ePn | Pn | 20 16 22.4 +2.5 |
| TIR | Tirane | i/P | Pn | 20 16 20.7 +0.7 |
| PLE | Ple | P | Pn | 20 16 21.4 +1.5 |
| TIR | Tirane | P | Pn | 20 16 21.4 +1.5 |
| ZAGS | Zajecar | ePn | Pn | 20 16 19.8 -0.1 |
| ZAGS | Zajecar | eSn | Pn | 20 17 06.9 -1.7 |
| KF4 | Livadi, Kephall | i/P | Pn | 20 16 23.6 +3.0 |
| AFYO | Afyonkarahisar | i/P | Pn | 20 16 23.6 +3.0 |
| AFYO | comp=E,535nm,1.0s | IAML | IAML | 20 17 42.0 |
| AFYO | comp=N,448nm,1.0s | IAML | IAML | 20 17 46.0 |
| RASA | Rasa | i/P | Pn | 20 16 20.9 +0.4 |
| RASA | Rasa | P | Pn | 20 16 20.9 +0.4 |
| DMLN | Damouliana+K | i/P | Pn | 20 16 21.3 +0.6 |
| AUKIR | Kirka- Seyitga | i/P | Pg | 20 16 35.6 -2.1 |
| AUKIR | comp=N,353nm,1.0s | IAML | IAML | 20 17 33.0 |
| AUKIR | comp=N,291nm,0.8s | IAML | IAML | 20 17 46.0 |
| SELS | Selova | ePn | Pn | 20 16 20.4 -0.5 |
| KEF3 | Kipouria, Keph | P | Pn | 20 16 21.7 +0.5 |
| HUMR | Humele | P | Pn | 20 16 21.6 +0.3 |
| HUMR | Humele | P | Pn | 20 16 21.6 +0.3 |
| PYL | PYLOS | P | Pn | 20 16 22.2 +0.7 |
| KTHA | Kythira Island | P | Pn | 20 16 20.3 -1.6 |
| ICOR | Ion Corvin | i/P | Pn | 20 16 22.4 +0.5 |
| ICOR | Ion Corvin | P | Pn | 20 16 22.4 +0.5 |
| KZIL | AFYON_Kizoren | eP | Pn | 20 16 23.3 +1.0 |
| KZIL | comp=E,124nm,1.3s | IAML | IAML | 20 17 43.0 |
| KZIL | comp=N,100nm,0.8s | IAML | IAML | 20 17 48.0 |
| PUNG | Pungghina | i/P | Pn | 20 16 22.8 +0.5 |
| PUNG | Pungghina | P | Pn | 20 16 22.8 +0.5 |
| SAHE | Sakarya_HENDEK | i/P | Pn | 20 16 22.5 -0.1 |
| SAHE | comp=N,113nm,1.3s | IAML | IAML | 20 17 47.0 |
| SAHE | comp=N,113nm,1.3s | IAML | IAML | 20 18 14.0 |
| DALY | Dalyan (Mula) | eP | Pn | 20 16 23.5 +0.9 |
| SGAZ | Eskisehir, Sey | i/P | Pn | 20 16 23.6 +0.5 |
| SGAZ | comp=N,116µm,1.4s | IAML | IAML | 20 17 18.6 +4.5 |
| SGAZ | comp=E,122nm,0.7s | IAML | IAML | 20 17 47.0 |
| SGAZ | comp=N,119nm,1.2s | IAML | IAML | 20 17 51.0 |
| SULR | Sulra | i/P | Pn | 20 16 25.8 +1.5 |
| SULR | Sulra | P | Pn | 20 16 25.8 +1.5 |
| GOLH | Golhisar | i/P | Pn | 20 16 28.4 +3.1 |
| GOLH | comp=N,65nm,1.3s | IAML | IAML | 20 17 55.0 |
| PVY | Play | i/Pn | Pn | 20 16 25.5 +0.1 |
| PVY | Play | i/Sn | Pn | 20 17 18.0 -0.4 |
| BRDR | BURDUR-Merkez | eP | Pn | 20 16 26.0 +0.5 |
| BRDR | comp=N,44nm,0.7s | IAML | IAML | 20 17 55.0 |
| BRDR | comp=N,44nm,0.7s | IAML | IAML | 20 18 01.0 |
| CVDA | Cernavoda | i/P | Pn | 20 16 25.6 0.0 |
| CVDA | Cernavoda | P | Pn | 20 16 25.6 0.0 |
| MDUB | Muduru | P | Pn | 20 16 26.1 +0.1 |
| MFTA | Murfatlar | i/P | Pn | 20 16 26.3 +0.5 |
| MFTA | Murfatlar | P | Pn | 20 16 26.3 +0.5 |
| IVA | Berane | i/Pn | Pn | 20 16 27.9 0.0 |
| IVA | Berane | i/Sn | Pn | 20 17 21.6 -1.2 |
| TLBR | Topalu | P | Pn | 20 16 28.9 +0.6 |
| TLBR | Topalu | P | Pn | 20 16 28.9 +0.6 |
| ULC | Ulcinj | i/Pn | Pn | 20 16 28.5 +0.1 |
| ULC | Ulcinj | i/Sn | Pn | 20 17 23.2 -0.7 |

| | | | | | |
|------|-------------------|----------|------|-----------------|-----------------|
| ISP | Isparta | 4.82 119 | P | Pn | 20 16 30.3 +1.5 |
| ISP | Isparta | 4.82 119 | Pn | Pn | 20 16 30.3 +1.5 |
| SECR | Secir | 4.83 8 | i/P | Pn | 20 16 30.5 +1.6 |
| TIRR | Tirgusor | 4.83 8 | Pn | Pn | 20 16 30.5 +1.6 |
| TIRR | Tirgusor | 4.84 29 | i/P | Pn | 20 16 29.1 +0.1 |
| TIRR | Tirgusor | 4.84 29 | P | Pn | 20 16 29.1 +0.1 |
| TIRR | Tirgusor | 4.84 29 | P | Pn | 20 16 28.6 -0.4 |
| TIRR | Tirgusor | 4.84 29 | Pn | Pn | 20 16 29.1 +0.1 |
| TIRR | Tirgusor | 4.84 29 | Pn | Pn | 20 16 28.6 -0.4 |
| IMMV | lera Moni Meta | 4.87 192 | P | Pn | 20 16 28.7 -0.8 |
| HARR | Harsova | 4.88 24 | i/P | Pn | 20 16 30.3 +0.7 |
| HARR | Harsova | 4.88 24 | P | Pn | 20 16 30.3 +0.7 |
| HARR | Harsova | 4.88 24 | Pn | Pn | 20 16 30.3 +0.7 |
| BAGO | Egridir - ISPA | 4.91 116 | i/P | Pn | 20 16 30.2 +0.1 |
| BAGO | comp=E,30nm,1.3s | IAML | IAML | 20 18 08.0 | |
| BAGO | comp=N,35nm,1.3s | IAML | IAML | 20 18 17.0 | |
| DRME | Dracevica, Mon | 4.92 295 | i/Pn | Pn | 20 16 30.8 +0.7 |
| DRME | Dracevica, Mon | 4.92 295 | i/Sn | Pn | 20 17 26.3 -0.5 |
| DRME | Dracevica, Mon | 4.92 295 | i/Pn | Pn | 20 16 31.8 +1.7 |
| SJES | Sjenica | 4.92 142 | Pn | Pn | 20 16 31.0 +0.8 |
| GRUS | Gruza | 4.93 219 | Pn | Pn | 20 16 30.1 -0.1 |
| KARP | Karpathos | 4.95 161 | P | Pn | 20 16 30.0 -0.6 |
| KARP | Karpathos | 4.95 161 | Pn | Pn | 20 16 30.4 -0.1 |
| IDI | Anoyia | 4.96 183 | P | Pn | 20 16 29.7 -1.0 |
| IDI | Anoyia | 4.96 183 | i/Sn | Pn | 20 17 25.3 -2.7 |
| IDI | Anoyia | 4.96 183 | Pn | Pn | 20 16 29.5 -1.1 |
| IDI | Anoyia | 4.96 183 | i/P | Pn | 20 16 30.4 -0.4 |
| IDI | Anoyia | 4.96 183 | Pn | Pn | 20 16 32.5 +1.9 |
| PDG | Podgorica | 4.96 298 | ePn | Pn | 20 16 31.6 +1.0 |
| PDG | Podgorica | 4.96 298 | i/P | Pn | 20 16 32.8 +2.2 |
| PDG | Podgorica | 4.96 298 | i/Pn | Pn | 20 16 31.6 +1.0 |
| PDG | Podgorica | 4.96 298 | i/Pn | Pn | 20 16 31.2 +0.6 |
| TTG | Podgorica | 4.96 298 | i/Sn | Pn | 20 16 31.5 +0.7 |
| SVJ | Svilajnac | 4.97 325 | ePn | Pn | 20 16 31.4 +0.4 |
| KOME | Kolasin | 4.98 303 | i/Pn | Pn | 20 17 27.9 -0.6 |
| KOME | Kolasin | 4.98 303 | i/Sn | Pn | 20 16 31.3 -0.1 |
| IVAS | Ivanjica | 5.01 313 | ePn | Pn | 20 17 22.4 -3.8 |
| IVAS | Ivanjica | 5.01 313 | eSn | Pn | 20 16 32.3 +0.3 |
| HERR | Herculane | 5.06 337 | i/P | Pn | 20 16 32.2 +0.3 |
| HERR | Herculane | 5.06 337 | Pn | Pn | 20 16 34.9 +2.2 |
| ELL | Elmali | 5.10 132 | P | Pn | 20 16 34.9 +2.2 |
| ELL | Elmali | 5.10 132 | Pn | Pn | 20 16 33.8 +1.0 |
| YVAC | Yvalva | 5.10 111 | i/P | Pn | 20 16 25.0 |
| YVAC | comp=N,56nm,1.8s | IAML | IAML | 20 19 04.0 | |
| YVAC | comp=N,34nm,2.1s | IAML | IAML | 20 16 36.5 +3.7 | |
| KIBS | BOLU | 5.11 86 | i/P | Pn | 20 18 06.0 |
| KIBS | comp=N,93nm,1.1s | IAML | IAML | 20 18 25.0 | |
| KIBS | comp=N,113nm,1.5s | IAML | IAML | 20 16 33.3 +0.2 | |
| ARR | Arges | 5.13 356 | i/P | Pn | 20 16 33.0 +0.1 |
| ARR | Arges | 5.13 356 | Pn | Pn | 20 16 33.0 +0.1 |
| SCTE | Santa Cesarea | 5.14 270 | Pn | Pn | 20 16 34.0 +0.6 |
| BUM | Brajici-Budva | 5.16 295 | i/Pn | Pn | 20 17 32.6 -0.2 |
| BUM | Brajici-Budva | 5.16 295 | i/Sn | Pn | 20 16 34.3 +0.5 |
| VOIR | Voiron | 5.19 359 | i/P | Pn | 20 16 34.3 +0.5 |
| VOIR | Voiron | 5.19 359 | Pn | Pn | 20 16 35.6 +1.7 |
| KORT | Korkueli | 5.19 127 | eP | Pn | 20 18 20.0 |
| KORT | Korkueli | 5.19 127 | i/Sn | Pn | 20 18 41.0 |
| KORT | comp=N,24nm,1.5s | IAML | IAML | 20 16 33.6 -0.3 | |
| ZKR | Zakros | 5.19 171 | P | Pn | 20 16 34.9 +0.4 |
| CEME | Cevo | 5.24 298 | i/Pn | Pn | 20 16 34.0 -0.8 |
| CEME | Cevo | 5.24 298 | i/Sn | Pn | 20 16 34.3 +0.5 |
| NEHR | Neohio | 5.24 9 | P | Pn | 20 16 40.3 +5.7 |
| NEHR | Neohio | 5.24 9 | Pn | Pn | 20 16 35.8 +0.8 |
| MLR | Muntele Rosu | 5.27 6 | Pn | Pn | 20 16 36.5 +1.5 |
| MLR | Muntele Rosu | 5.27 6 | i/P | Pn | 20 16 36.3 +1.3 |
| MLR | Muntele Rosu | 5.27 6 | Pn | Pn | 20 16 35.4 +0.5 |
| JURR | Jurilovca | 5.28 30 | i/P | Pn | 20 16 35.4 +0.5 |
| JURR | Jurilovca | 5.28 30 | P | Pn | 20 16 35.9 +0.7 |
| GRER | Gregr | 5.29 14 | Pn | Pn | 20 16 36.1 +0.7 |
| GRER | Gregr | 5.29 14 | Pn | Pn | 20 16 36.1 +0.7 |
| LOT | Lotru | 5.30 349 | i/P | Pn | 20 16 36.4 +1.0 |
| LOT | Lotru | 5.30 349 | Pn | Pn | 20 16 37.3 +0.5 |
| NKY | Niksic | 5.30 301 | i/Pn | Pn | 20 16 35.8 +0.3 |
| NKY | Niksic | 5.30 301 | i/Sn | Pn | 20 17 35.7 -0.8 |
| NKME | Niksic | 5.30 301 | i/Pn | Pn | 20 16 35.7 +0.1 |
| NKME | Niksic | 5.30 301 | i/Sn | Pn | 20 16 37.8 +3.0 |
| PLE | Piljevija | 5.31 307 | i/Pn | Pn | 20 18 19.0 |
| PLE | Piljevija | 5.31 307 | i/Sn | Pn | 20 16 36.9 +1.3 |
| AKAS | Kas | 5.31 138 | i/P | Pn | 20 16 35.5 -0.1 |
| AKAS | Kas | 5.31 138 | Pn | Pn | 20 16 36.5 0.0 |
| AKAS | Kas | 5.31 138 | Pn | Pn | 20 16 36.5 0.0 |
| TRUS | Trudelj | 5.32 320 | ePn | Pn | 20 16 38.2 +1.2 |
| CFR | Carcaliu | 5.39 23 | i/P | Pn | 20 16 37.4 +0.1 |
| CFR | Carcaliu | 5.39 23 | P | Pn | 20 16 37.4 +0.1 |
| CFR | Carcaliu | 5.39 23 | Pn | Pn | 20 16 37.4 +0.1 |
| BISR | Bisoca | 5.41 12 | i/P | Pn | 20 16 37.5 +0.1 |
| BISR | Bisoca | 5.41 12 | P | Pn | 20 16 37.4 +0.1 |
| GZR | Gura Zlata | 5.43 342 | i/P | Pn | 20 16 37.5 +0.1 |
| GZR | Gura Zlata | 5.43 342 | P | Pn | 20 16 37.5 +0.1 |
| DIVS | Divibare | 5.44 317 | ePn | Pn | 20 16 37.2 -0.1 |
| DIVS | Divibare | 5.44 317 | | | |

Table with columns: CHKK, Chushkaly, 2.64 247 eP, Pb, 20 25 30.2 -0.4, etc. Includes stations like Karabastau, Kurkuch, and various meteorological data points.

KRSC 02 20:29:53.9, 0.5, 53.84N; 160.75E, h105km, 9km, ML5.0, FELT [I]I] at GMS Kronaki.

BUI 02 20:29:54.6, 0.0, 54.39N; 160.26E, h110km, mb5.2/12, mb4.4/18

MOS 02 20:29:55.4, 0.9, 53.91N; 160.50E, h110km, mb4.6/10, Error ellipse: s-maj=9.1km s-min=3.5km az=76.7

IDC 02 20:29:56.9, 0.5, 54.08N; 160.26E, h108km, 4km, mb3.8/21, mb1.4/0.26, mb1mx3.9/3.7, mbtmp4.2/26, MS3.2/5

NEIC 02 20:29:56.4, 1.5, 54.03N; 0.07; 160.23E; 0.08, h102km, 6km, mb4.6/72, Error ellipse: s-maj=10.5km s-min=7.2km az=176.0

ISC 02 20:29:56.1, 0.4, 53.88N; 0.03; 160.57E; 0.03, h107km, 3km, east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KIL, SPN, MYA, MKZ, NLY, etc.

Main table with columns: PET, Petropavlovsk, 1.43 234 Pn, Sn, 20 30 22.2 +0.3, etc. Lists stations like TUMR, GNL, KRMK, etc.

Main table with columns: TIXI, Tiksi, 22.49 334f eP, P, 20 34 43.9 -2.2, etc. Lists stations like MAJO, MATSUSHIRO, etc.

| | | | | | | | | | | | | | | | | | |
|-------|-----------------------|----------|----|-----------------|------------------|----------------|----------------|----------|-----------------|-----------------|-----------------|--------------------|--------------------|-----------------|-----------------|-----------------|-----------------|
| OWD | baz=291 | eS | Sb | 22 01 53.0 -0.9 | WFSB Wu-fen Shan | 1.39 346 | ↑P | Pn | 22 01 49.1 +0.4 | WSF | baz=267 | eS | Sb | 22 02 17.7 -0.4 | | | |
| TWC | Suao | 0.93 343 | ↑P | Pb | 22 01 41.5 -0.3 | WFSB | | eS | Sn | 22 02 06.1 -0.6 | JKRS Kuro-shima | 1.77 73 | P | Pn | 22 01 54.4 +0.4 | | |
| TWC | baz=355 | eS | Sb | 22 01 53.5 -0.5 | TATO | baz=345 | | ↑P | Pn | 22 01 48.8 0.0 | JKRS | | eS | Sn | 22 02 16.7 +0.5 | | |
| FULB | Fuli | 0.94 237 | eP | Pb | 22 01 41.5 -0.5 | TATO | Taipei | 1.39 334 | ↑P | Pn | 22 01 48.8 0.0 | MASBT Mashibuluo | 1.78 232 | P | Sn | 22 01 54.5 +0.4 | |
| FULB | baz=223 | eS | Sb | 22 01 53.0 -1.2 | TATO | baz=333 | | eS | Sn | 22 02 05.5 -1.3 | MASBT | baz=227 | eS | Sn | 22 02 14.2 -2.1 | | |
| CHKT | Chengkung | 0.95 230 | eP | Pb | 22 01 41.3 -0.8 | STYT | Taipei | 1.39 334 | ↑P | Pn | 22 01 48.8 0.0 | TAW | Tawu | 1.78 221 | eP | Pn | 22 01 53.9 -0.2 |
| CHKT | baz=217 | iS | Sb | 22 01 53.0 -1.4 | STYT | Tauyuan | 1.40 247 | ↑P | Pn | 22 01 49.0 +0.1 | TAW | baz=229 | eS | Sn | 22 02 14.8 -1.5 | | |
| CHGB | Renai | 0.96 291 | P | Pb | 22 01 41.8 -0.7 | STYT | baz=237 | | S | Sn | 22 02 05.8 -1.2 | EAST | Anshuo | 1.79 222 | P | Pn | 22 01 54.0 -0.2 |
| FUSS | Fushou | 0.99 303 | ↑P | Pb | 22 01 42.4 -0.5 | TWQ1 | Liyuan | 1.41 297 | ↑P | Pb | 22 01 50.0 0.0 | SGLT | Jiouru | 1.82 238 | eP | Pn | 22 01 55.7 +1.1 |
| FUSS | baz=301 | iS | Sb | 22 01 54.6 -1.1 | TCU | Taichung | 1.42 288 | P | Pb | 22 01 50.4 +0.3 | SGLT | baz=237 | eS | Sg | 22 02 21.5 -1.2 | | |
| NNSB | Datong | 1.00 315 | ↑P | Pb | 22 01 42.4 -0.7 | TCU | baz=287 | | S | Sg | 22 02 09.8 -0.2 | CHNB | Yju | 1.82 259 | P | Pb | 22 01 55.9 -1.0 |
| NNSB | baz=314 | iS | Sb | 22 01 54.5 -1.5 | TAP | Taipei | 1.45 336 | eP | Pb | 22 01 50.6 0.0 | CHNB | baz=258 | eS | Sb | 22 02 19.1 -0.4 | | |
| NNSH | Datong | 1.00 315 | ↑P | Pb | 22 01 42.5 -0.5 | TAP | baz=322 | | eS | Sn | 22 02 08.7 0.0 | TWM1 | Shoushan | 1.82 241 | eP | Pb | 22 01 58.4 +1.3 |
| NNSH | baz=322 | iS | Sb | 22 01 54.5 -1.6 | NSY | Sanyi | 1.45 299 | ↑P | Pb | 22 01 50.8 +0.1 | SCLT | Jiali | 1.88 254 | P | Pb | 22 01 57.5 -0.4 | |
| NNS | Nan Shan | 1.01 315 | ↑P | Pb | 22 01 42.9 -0.4 | NSY | baz=298 | | S | Sb | 22 02 09.6 +0.7 | SCLT | baz=253 | S | Sb | 22 02 21.6 +0.4 | |
| NNS | baz=315 | S | Sb | 22 01 55.3 -1.2 | TPUB | Ta-pu | 1.46 254 | ↑P | Pb | 22 01 50.6 -0.3 | TAI1 | Yung-kang | 1.89 250 | P | Pb | 22 01 58.1 -0.1 | |
| JYNG | Yonagunijimaku | 1.03 44 | P | Pb | 22 01 43.4 -0.1 | TPUB | baz=242 | | S | Sb | 22 02 08.8 -0.3 | TAI1 | baz=263 | eS | Sb | 22 02 22.9 +1.3 | |
| JYNG | baz=299 | S | Sb | 22 01 56.3 -0.4 | TPUB | Ta-pu | 1.46 254 | | P | Pb | 22 01 50.3 +0.6 | SSPT | Xinbi | 1.91 230 | eP | Pb | 22 01 57.5 -1.0 |
| TDCB | Techi | 1.06 301 | ↑P | Pb | 22 01 43.5 -0.5 | WKG | Gukeng | 1.46 269 | ↑P | Pb | 22 01 50.4 -0.4 | SSPT | baz=225 | eS | Sn | 22 02 20.1 +0.6 | |
| TDCB | baz=299 | eS | Sb | 22 01 56.0 -1.7 | WDLH | Douliu | 1.48 269 | P | Pb | 22 02 09.5 +0.4 | PCYT | Pengchayiu | 1.91 358 | P | Pb | 22 01 55.4 -0.5 | |
| NDT | Datong Townshi | 1.06 327 | P | Pb | 22 01 43.5 -0.5 | WDLH | baz=268 | | S | Sb | 22 01 51.0 -0.2 | SNJT | Kaoshiung City | 1.93 241 | eP | Pb | 22 01 58.7 -0.1 |
| NDT | baz=319 | S | Sb | 22 01 56.3 -1.3 | WDLH | baz=268 | | S | Sb | 22 02 09.9 +0.2 | JJU | Ishigaki jima | 1.93 70 | P | Pn | 22 01 55.9 -0.3 | |
| ENTT | Nioudou | 1.07 330 | ↑P | Pb | 22 01 43.5 -0.7 | WTP | Ta-pu | 1.49 252 | P | Pb | 22 01 50.9 -0.4 | JJU | baz=240 | S | Sn | 22 02 19.3 -0.7 | |
| ENTT | baz=330 | S | Sb | 22 01 57.0 -0.8 | WTP | baz=251 | | eS | Sb | 22 02 09.8 -0.2 | SCZT | Fangliu | 1.94 227 | eP | Pn | 22 01 57.2 +0.8 | |
| EDH | Donghe | 1.07 227 | P | Pb | 22 01 43.2 -1.1 | NMLH | Miaoli | 1.49 304 | eP | Pb | 22 01 51.3 0.0 | SLIU | Shizi | 1.94 220 | eP | Pn | 22 01 56.0 -0.4 |
| EDH | baz=216 | S | Sb | 22 01 56.1 -1.9 | NMLH | baz=289 | | eS | Sb | 22 02 10.4 +0.4 | SLIU | baz=220 | eS | Sn | 22 02 19.7 -0.8 | | |
| YOJ | Yonaguni jima | 1.08 46 | ↑P | Pb | 22 01 44.3 0.0 | WCHH | Zhanghua | 1.50 284 | P | Pb | 22 01 51.4 -0.2 | WLCH | Liuqu | 2.12 231 | eP | Pb | 22 02 02.6 +0.5 |
| YOJ | baz=47 | S | Sb | 22 01 57.6 -0.6 | WCHH | baz=283 | | eS | Sg | 22 02 11.9 -0.8 | TWP | Hrao-liuchiu | 2.14 231 | eP | Pb | 22 02 01.9 -0.6 | |
| YOJ | Yonaguni jima | 1.08 46 | P | Pb | 22 01 44.3 0.0 | SBCB | Hsinchu | 1.51 315 | P | Pb | 22 01 51.6 -0.1 | HEN | Hengchun | 2.15 218 | eP | Pn | 22 02 00.4 +1.3 |
| YOJ | baz=257 | eS | Sb | 22 01 58.2 0.0 | SBCB | baz=314 | | S | Sb | 22 02 10.7 0.0 | TSEB | Hengchuen, Pin | 2.15 213 | eP | Pn | 22 02 00.1 +0.9 | |
| TWE | Neicheng | 1.10 336 | ↑P | Pb | 22 01 44.1 -0.5 | WDJ | Dajia District | 1.52 295 | P | Pb | 22 01 51.8 -0.1 | JISG | Ishigakijimahi | 2.15 66 | P | Pn | 22 01 58.9 -0.3 |
| TWE | baz=336 | eS | Sb | 22 01 56.8 -1.8 | WDJ | baz=294 | | eS | Sg | 22 02 12.2 -1.0 | JISG | baz=213 | eS | Sn | 22 02 23.3 -2.2 | | |
| SSLB | Suanglung | 1.10 274 | ↑P | Pb | 22 01 43.8 -1.0 | WDJ | baz=294 | | eS | Sg | 22 02 12.2 -1.0 | TWKBT | Hengchun | 2.16 215 | eP | Pn | 22 01 59.4 +0.1 |
| SSLB | baz=272 | S | Sb | 22 01 57.5 -1.3 | NCUH | Zhongji | 1.53 325 | eP | Pb | 22 01 51.3 -0.7 | TWK1 | Hengchun | 2.16 215 | eP | Pn | 22 01 59.4 +0.1 | |
| SSLB | Suanglung | 1.10 274 | ↑P | Pn | 22 01 43.8 -1.0 | NCUH | baz=324 | | S | Sb | 22 02 11.0 -0.1 | WDGT | Dungji | 2.33 259 | ↑P | Pn | 22 02 02.2 +0.5 |
| ILA | ILan | 1.11 341 | P | Pn | 22 01 44.7 -0.2 | HSN | Hsinchu | 1.53 315 | P | Pb | 22 01 51.5 -0.5 | PHUB | P'eng-hu | 2.38 266 | P | Pn | 22 02 03.0 +0.7 |
| ILA | baz=341 | S | Sn | 22 01 59.3 -0.5 | HSN | baz=316 | | eS | Sn | 22 02 10.3 +0.1 | PNG | Penghu | 2.39 267 | P | Pn | 22 02 03.1 +0.6 | |
| YUS | Yu-Shan | 1.12 259 | P | Pb | 22 01 45.0 -0.4 | NCU | National Centr | 1.53 325 | eP | Pb | 22 01 51.6 -0.5 | JTJ | Tarama | 2.50 68 | P | Sn | 22 02 04.2 +0.2 |
| SMLT | Sun Moon Lake | 1.16 279 | ↑P | Pn | 22 01 45.3 -0.4 | NCU | baz=324 | | S | Sb | 22 02 10.6 -0.5 | JTJ | baz=259 | eS | Sn | 22 02 33.8 -0.4 | |
| SMLT | baz=277 | eS | Sb | 22 01 59.4 -1.2 | TWS1 | Kuangyinshan | 1.54 334 | eP | Pn | 22 01 51.1 +0.4 | VCHM | Qimei | 2.55 259 | P | Pn | 22 02 04.8 +0.1 | |
| DPDB | Guoxing | 1.17 286 | ↑P | Pn | 22 01 45.3 -0.4 | TWS1 | baz=334 | | eS | Sb | 22 02 11.2 -0.1 | VWUC | VWUC | 2.77 298 | P | Pn | 22 02 06.9 -0.9 |
| DPDB | baz=285 | eS | Sb | 22 01 59.8 -0.9 | NWRT | Kuosheng | 1.55 343 | eP | Pb | 22 01 52.0 -0.3 | PTTC | Pingtang | 2.81 310 | P | Pn | 22 02 07.6 -0.6 | |
| ELDTW | Lidau | 1.17 244 | ↑P | Pn | 22 01 44.8 -1.0 | HATJ | Hateruma jima | 1.55 77 | P | Pn | 22 01 51.0 +0.1 | JIRB | Irabujima | 2.97 67 | P | Pn | 22 02 10.3 -0.2 |
| ELDTW | baz=241 | eS | Sb | 22 01 58.6 -2.2 | HATJ | baz=342 | | eS | Pn | 22 02 10.3 +0.3 | PTMZ | Houxiangcun | 3.06 296 | P | Pn | 22 02 11.2 -0.6 | |
| NTC | Toucheng | 1.17 345 | ↑P | Pb | 22 01 45.8 -0.1 | CHN2 | Minshung | 1.55 264 | eP | Pb | 22 02 12.5 +0.2 | JMJ | Miyako jima 2 | 3.07 68 | P | Pn | 22 02 12.0 +0.2 |
| YHNB | Yeheng | 1.19 323 | P | Pn | 22 01 45.5 -0.5 | CHN2 | baz=262 | | eS | Sb | 22 02 12.8 +1.1 | JKIM | Ikemajima | 3.07 66 | P | Pn | 22 02 12.4 +0.6 |
| YHNB | baz=310 | eS | Sb | 22 01 59.0 -2.3 | SLGT | Liu-tai | 1.56 243 | eP | Pn | 22 01 51.7 +0.6 | JMJ2 | Miyako jima3 | 3.07 70 | P | Pn | 22 02 12.2 +0.3 | |
| WHYT | Yeheng Xinyi Township | 1.19 269 | ↑P | Pn | 22 01 45.3 -0.7 | SLGT | baz=234 | | eS | Sn | 22 02 10.3 -0.7 | MATB | Ma-tsu | 3.15 321 | eP | Sn | 22 02 12.3 -0.2 |
| WHYT | baz=268 | eS | Sb | 22 02 01.0 -0.5 | ECL | Tainanli | 1.57 225 | P | Pn | 22 01 50.1 -1.1 | KNM | Kinmen | 3.47 282 | ↑P | Pn | 22 02 18.8 +1.4 | |
| NSK | Sanguang | 1.20 323 | P | Pn | 22 01 45.9 -0.3 | ECL | baz=224 | | eS | Sn | 22 02 08.1 -3.0 | QZH | Quanzhou | 3.47 291 | Pn | Pn | 22 02 17.0 -0.4 |
| NSK | baz=310 | eS | Sb | 22 02 00.0 -1.7 | IRIF | Iriomote-Funau | 1.57 66 | P | Pn | 22 01 51.3 +0.1 | QZH | comp=N,360nm,0.3s | | smax | smax | 22 02 55.0 -3.1 | |
| TYC | Yuch | 1.20 279 | ↑P | Pn | 22 01 45.7 -0.4 | IRIF | baz=224 | | P | Sn | 22 01 51.3 +0.1 | QZH | comp=E,230nm,0.4s | LR | LR | LR | |
| TYC | baz=287 | eS | Sn | 22 02 02.3 +0.2 | ANP | Anpu | 1.57 339 | P | Pn | 22 01 51.2 -0.2 | QZH | comp=N,2um,11.5s | LR | LR | LR | | |
| LDUT | Ludao | 1.21 211 | ↑P | Pn | 22 01 45.1 -1.2 | SGST | Jiashan | 1.57 247 | P | Pn | 22 01 51.4 +0.1 | QZH | comp=E,1um,7.8s | LR | LR | LR | |
| LDUT | baz=210 | S | Sb | 22 01 58.6 -3.3 | SGST | baz=237 | | S | Sb | 22 02 11.9 -0.5 | KNMB | Chin-men Tao | 3.52 283 | ↑P | Pn | 22 02 17.7 -0.3 | |
| NWLT | Wulai | 1.21 331 | eP | Pn | 22 01 46.1 -0.2 | NTST | Danshui | 1.58 336 | P | Pn | 22 01 51.9 +0.6 | KNMB | Chin-men Tao | 3.52 283 | P | Pn | 22 02 17.8 -0.3 |
| NWLT | baz=330 | eS | Sb | 22 02 00.8 -1.3 | NTST | baz=350 | | eS | Sb | 22 02 11.9 -0.6 | LYJJ | Jianjiangzhen | 3.56 323 | eP | Pn | 22 02 17.9 -0.7 | |
| LONT | Longtian | 1.24 230 | ↑P | Pn | 22 01 46.0 -0.6 | CHN1 | Nanshi | 1.58 251 | eP | Pb | 22 01 52.8 -0.1 | XPSS | Dashiqiu | 3.66 331 | eP | Pn | 22 02 19.1 -0.9 |
| LONT | baz=242 | eS | Sb | 22 02 01.1 -1.6 | CHN1 | baz=249 | | eS | Sg | 22 02 14.3 -1.0 | MHZQ | Yeshan | 3.70 311 | eP | Pn | 22 02 19.6 -0.9 | |
| WHP | Taichung City | 1.24 297 | eP | Pb | 22 01 46.6 -0.2 | TKW | Hsiinying | 1.59 254 | P | Pb | 22 01 52.8 -0.4 | AXDP | Jialang | 4.00 288 | eP | Pn | 22 02 24.2 -0.3 |
| WHP | baz=296 | eS | Sb | 22 02 01.8 -1.0 | TKW | baz=253 | | eS | Sb | 22 02 12.9 -0.1 | ZPLA | Ao Xicun | 4.04 274 | eP | Pn | 22 02 24.9 -0.3 | |
| ALS | Alishan | 1.25 261 | ↑P | Pn | 22 01 47.2 0.0 | SNST | Tainan City | 1.60 252 | P | Pb | 22 01 52.8 -0.4 | ZZJH | Jiuhuzhen | 4.20 281 | eP | Pn | 22 02 27.3 -0.1 |
| ALS | baz=271 | eS | Sb | 22 02 02.8 -0.7 | SNST | baz=251 | | eS | Sb | 22 02 13.5 +0.4 | VDOS | Pratas Island | 5.85 240 | eP | Pn | 22 02 52.2 +2.1 | |
| TIPB | Shuangxi | 1.29 347 | ↑P | Pn | 22 01 47.5 +0.2 | CHY | Chiayi | 1.60 263 | eP | Pb | 22 01 53.1 -0.1 | HKPS | Hong Kong Po S | 7.52 261 | eP | Pn | 22 03 14.6 +1.6 |
| TIPB | baz=357 | S | Sn | 22 02 02.4 -1.8 | CHY | baz=261 | | eS | Sg | 22 02 14.8 -1.0 | HKPS | Hong Kong Po S | 7.52 261 | Pn | Pn | 22 03 13.7 +0.7 | |
| TWB1 | Santiao Chiao | 1.30 353 | ↑P | Pn | 22 01 46.9 -0.5 | WTK | Tuk | 1.62 269 | eP | Pb | 22 01 53.0 -0.5 | NJ2 | Nanjing | 8.80 341 | eP | Pn | 22 03 28.5 +2.1 |
| WJS | Zhushan | 1.31 275 | ↑P | Pb | 22 01 48.5 +0.2 | WTK | baz=268 | | eS | Sb | 22 02 13.7 +0.1 | NJ2 | comp=Z,9.0nm,0.5s | | smax | smax | 22 05 03.7 -5.7 |
| WJS | baz=274 | eS | Sg | 22 02 06.4 -0.1 | TWY | Chenhu | 1.63 342 | eP | Pn | 22 01 52.5 +0.4 | NJ2 | comp=N,34nm,0.7s | | smax | smax | | |
| TTN | Taitung | 1.33 224 | eP | Pn | 22 01 48.4 +0.5 | TWY | baz=341 | | eS | Sn | 22 02 12.1 -0.6 | NJ2 | comp=E,29nm,0.8s | LR | LR | LR | |
| TTN | baz=213 | eS | Sn | 22 02 04.2 -1.1 | NSM | Shimen | 1.65 342 | eP | Pn | 22 01 52.8 +0.5 | NJ2 | comp=N,400nm,10.0s | LR | LR | LR | | |
| TWGBT | Beinan | 1.33 228 | P | Pn | 22 01 47.2 -0.8 | RLNB | Erin | 1.65 276 | ↑P | Pb | 22 01 53.6 -0.5 | NJ2 | comp=E,560nm,10.9s | LR | LR | LR | |
| TWG | Pinlang | 1.33 228 | eP | Pn | 22 01 47.2 -0.8 | RLNB | baz=275 | | eS | Sb | 22 02 15.9 +1.3 | WHN | Wuhan | 9.72 316 | ↑P | Pn | 22 03 48.0 +4.8 |
| TWG | Pinlang | 1.33 | | | | | | | | | | | | | | | |

| | | | | |
|---------|-------------------------------------------|---------|---------|-----------------|
| MYKOM | comp=Z,6umcomp=Z,465nm,1.1s | P | Pn | 00 31 29.3 +0.3 |
| MYKOM | Kota Tinggi 19.14 284 | I | Iamb | 00 32 08.2 |
| MYKOM | comp=Z,618nm,2.0s | | | |
| MYKOM | Kota Tinggi 19.14 284 | P | Pn | 00 31 33.0 +4.0 |
| DLV | T Lat 20.25 317 | P | P | 00 31 41.3 +0.9 |
| WRAB | Tennant Creek 20.52 146c | P | P | 00 31 42.3 -0.8 |
| WRAB | comp=Z,239nm,1.4s | | | |
| WRAB | comp=Z,5um,16.0s | MLR | MLR | |
| WRAB | Tennant Creek 20.52 146 | P | P | 00 31 42.2 -0.9 |
| WRAB | comp=Z,5um,16.0s | I | Iamb | 00 32 02.6 |
| KRJI | comp=Z,392nm,1.5s | | | |
| Kerinci | 20.94 272 | P | Pn | 00 31 49.8 -0.6 |
| SDSI | Sungai Dareh 21.06 275 | P | P | 00 31 49.4 +0.4 |
| SDSI | comp=Z,3umcomp=Z,191nm,1.3s | | | |
| GIRL | Giralilla 21.12 201 | IAMS_20 | IAMS_20 | 00 40 54.1 |
| BKNI | Bangkitang 21.20 276 | P | P | 00 31 55.8 +1.0 |
| BKNI | Bangkitang 21.20 278 | P | P | 00 31 56.6 +1.8 |
| BKNI | comp=Z,569nm,1.1s | I | Iamb | 00 32 04.5 |
| BKNI | comp=Z,569nm,1.1s | IAMS_20 | IAMS_20 | 00 41 44.4 |
| IPM | comp=Z,10um,18.0s | | | |
| IPM | Ipoth 22.60 289 | P | P | 00 32 06.8 +1.3 |
| IPM | comp=Z,562nm,1.5s | I | Iamb | 00 32 22.7 |
| IPM | comp=Z,7um,19.0s | | | |
| IPM | Ipoth 22.60 289 | P | P | 00 32 07.0 +1.5 |
| WRKA | Warakurna 22.68 166 | P | P | 00 32 05.6 -0.7 |
| WRKA | baz=23,SNR=69 | | | |
| MNSI | Mandailing Nat 23.12 279 | P | P | 00 32 11.3 +0.4 |
| MNSI | comp=Z,3umcomp=Z,117nm,1.3s | | | |
| KULM | Kulim 23.22 291 | P | P | 00 32 13.2 +1.3 |
| KULM | comp=Z,492nm,1.4s | I | Iamb | 00 32 30.8 |
| KULM | comp=Z,492nm,1.4s | IAMS_20 | IAMS_20 | 00 42 07.5 |
| KULM | comp=Z,6um,20.0s | | | |
| KULM | Kulim 23.22 291 | P | P | 00 32 14.0 +2.1 |
| COEN | Coen 23.25 119 | P | P | 00 32 11.0 -1.2 |
| COEN | baz=23 | | | |
| COEN | Coen 23.25 119 | P | P | 00 32 11.0 -1.2 |
| SISI | Saibi 23.35 273 | P | P | 00 32 13.1 -0.2 |
| SISI | comp=Z,2umcomp=Z,143nm,1.3s | | | |
| AS31 | Alice Springs 23.41 153 | P | P | 00 32 12.8 -1.0 |
| ASAR | Alice Springs 23.41 153 | P | P | 00 32 13.7 -0.1 |
| ASAR | comp=Z,101nm,1.1s,baz=334,slow=7.5,SNR=87 | | | |
| ASAR | comp=Z,6um,18.9s,baz=323,slow=40 | LR | LR | 00 42 40.7 |
| ASAR | Alice Springs 23.41 153 | P | P | 00 32 13.7 -0.1 |
| MEEK | Meekatharra 23.84 188 | P | P | 00 32 17.7 -0.1 |
| RPSI | Rantau Prapat 24.13 283 | Iamb | Iamb | 00 32 42.4 |
| RPSI | comp=Z,482nm,1.4s | IAMS_20 | IAMS_20 | 00 43 07.4 |
| RPSI | comp=Z,10um,20.0s | | | |
| RPSI | Rantau Prapat 24.13 283 | P | P | 00 32 21.4 +0.3 |
| RPSI | comp=Z,54nm,1.0s,baz=180,slow=2.9,SNR=22 | LR | LR | 00 43 09.1 |
| PSI | comp=Z,10um,18.9s,baz=90,slow=40 | LR | LR | 00 43 09.1 |
| PSI | Prapat 24.16 283 | P | P | 00 32 21.4 +0.3 |
| QIS | Mount Isa 24.24 138 | P | P | 00 32 21.8 +0.2 |
| QIS | baz=24,SNR=72 | | | |
| MANU | Manus Island 24.95 89 | P | P | 00 32 29.6 +1.4 |
| MANU | comp=Z,387nm,1.4s | I | Iamb | 00 32 48.6 |
| TRTT | Trang 25.06 295 | P | P | 00 32 30.0 +0.8 |
| TRTT | comp=Z,3umcomp=Z,178nm,1.0s | | | |
| QIZ | Qiongzong 25.09 331 | P | P | 00 32 28.8 -0.5 |
| QIZ | comp=Z,36nm,1.7s | S | S | 00 36 53.3 +0.8 |
| QIZ | comp=Z,36nm,1.7s | pmax | pmax | |
| QIZ | comp=Z,760nm,4.4s | | | |
| QIZ | comp=Z,2um,16.9s | LR | LR | |
| QIZ | comp=Z,2um,17.7s | LR | LR | |
| QIZ | comp=Z,3um,15.7s | LR | LR | |
| GSI | Gunungsitoli 25.18 279 | P | P | 00 32 30.0 -0.2 |
| GSI | comp=Z,3umcomp=Z,4umcomp=Z,174nm,1.7s | | | |
| GSI | Gunungsitoli 25.18 279 | P | P | 00 32 28.8 -1.4 |
| GSI | comp=Z,3umcomp=Z,4umcomp=Z,174nm,1.7s | IAMS_20 | IAMS_20 | 00 44 12.2 |
| PMG | Port Moresby 25.42 106 | P | P | 00 32 32.2 -0.2 |
| PMG | comp=Z,168nm,0.8s,baz=288,slow=5.9,SNR=62 | pmax | pmax | |
| PMG | Port Moresby 25.42 106 | P | P | 00 32 32.6 +0.2 |
| PMG | comp=Z,185nm,0.8s | MLR | MLR | |
| PMG | comp=Z,4um,18.0s | | | |
| PMG | Port Moresby 25.42 106 | P | P | 00 32 32.2 -0.2 |
| PMG | comp=Z,4um,18.0s | I | Iamb | 00 32 33.7 |
| KCSI | Kotacane, Aceh 25.44 284 | P | P | 00 32 31.5 -1.2 |
| KCSI | comp=Z,2umcomp=Z,81nm,1.1s | | | |
| YULB | Yu-li 26.20 358 | P | P | 00 32 38.7 -0.6 |
| YULB | comp=Z,2umcomp=Z,69nm,0.8s | I | Iamb | 00 32 52.6 |
| MTSU | Mount Surprise 26.25 127 | P | P | 00 32 39.2 -0.7 |
| MTSU | baz=26,SNR=7.8 | | | |
| SRAK | Srakaw 26.30 310 | P | P | 00 32 37.0 -3.4 |
| SRAK | comp=Z,331umcomp=Z,1um,0.8s | | | |
| PKDT | Phuket 26.31 294 | P | P | 00 32 42.6 +2.1 |
| PKDT | comp=Z,6umcomp=Z,69nm,0.8s | | | |
| SSLB | Suanguing 26.61 357 | P | P | 00 32 43.9 +0.8 |
| SSLB | comp=Z,5um,21.0s | IAMS_20 | IAMS_20 | 00 43 59.0 |
| MORW | Morawa 26.68 192 | P | P | 00 32 43.5 -0.1 |
| MORW | baz=27,SNR=8.5 | | | |
| MORW | Morawa 26.68 192 | P | P | 00 32 43.0 -0.6 |
| NACB | Ninganchiao 26.67 358 | Iamb | Iamb | 00 33 16.8 |
| NACB | comp=Z,179nm,1.2s | | | |
| YOJ | Yonaguni jima 27.25 1 | P | P | 00 32 47.8 -1.0 |
| YOJ | comp=Z,688nm,1.7s | pmax | pmax | |
| YOJ | comp=Z,3um,22.0s | MLR | MLR | |
| YOJ | Yonaguni jima 27.25 1 | P | P | 00 32 47.8 -1.0 |
| YHNB | Yeheng 27.47 358 | Iamb | Iamb | 00 32 50.1 -0.7 |
| YHNB | comp=Z,132nm,0.9s | | | |
| CHAI | Chaiyaphum 27.54 313 | P | P | 00 32 52.1 +0.5 |
| CHAI | comp=Z,2umcomp=Z,227nm,0.7s | | | |
| PHET | Kaeng Krachan 27.56 305 | P | P | 00 32 53.8 +2.1 |
| PHET | comp=Z,63nm,0.7s | | | |
| OZH | Quanzhou 27.97 353 | P | P | 00 32 54.3 -0.9 |
| OZH | comp=Z,2um,16.5s | LR | LR | |
| OZH | comp=Z,2um,13.4s | LR | LR | |
| OZH | comp=Z,2um,20.0s | LR | LR | |
| BLDU | Ballid 28.04 190 | P | P | 00 32 55.4 -0.5 |
| BLDU | baz=28,SNR=20 | | | |
| FORT | Forrest 28.20 170 | P | P | 00 32 57.4 +0.2 |
| FORT | baz=28,SNR=9.3 | | | |
| FORT | Forrest 28.20 170 | P | P | 00 32 57.2 0.0 |
| FORT | comp=Z,227nm,1.2s | Iamb | Iamb | 00 32 58.4 |
| NONG | Nongkai 28.21 318 | P | P | 00 32 58.4 +0.9 |
| NONG | comp=Z,180nm,0.9s | | | |
| KMBL | Kambalda 28.27 181 | P | P | 00 32 57.9 -0.1 |
| KMBL | baz=28,SNR=12 | | | |
| KLBR | Kellerberrin 28.27 188 | P | P | 00 33 02.9 +0.1 |
| KLBR | baz=29,SNR=20 | | | |
| CTA | Charters Tower 28.84 128 | P | P | 00 33 03.1 0.0 |
| CTA | comp=Z,25nm,0.8s,baz=308,slow=12,SNR=24 | | | |
| CTA | Charters Tower 28.84 128 | P | P | 00 33 03.1 0.0 |
| CTA | Charters Tower 28.84 128 | P | P | 00 33 03.6 +0.5 |
| CTA | comp=Z,244nm,1.9s | pmax | pmax | |
| CTA | Charters Tower 28.84 128 | P | P | 00 33 03.6 +0.5 |
| CTA | Charters Tower 28.84 128 | Iamb | Iamb | 00 33 34.8 |
| CTA | comp=Z,244nm,1.9s | | | |
| UTHA | Uthaitani 29.23 310 | P | P | 00 33 07.4 +0.8 |
| UTHA | comp=Z,54nmcomp=Z,288nm,0.9s | | | |
| PHIT | Phitsanulok 29.52 313 | P | P | 00 33 10.3 +1.2 |
| PHIT | comp=Z,3umcomp=Z,312nm,0.8s | | | |
| KRVT | Keravat (AS076) 29.59 94 | P | P | 00 33 10.7 +0.8 |
| KRVT | comp=Z,132nm,0.5s,baz=118,slow=2.1,SNR=23 | | | |

| | | | | |
|------|--------------------------------------------|---------|---------|-----------------|
| RABL | Rabaul 29.73 93 | P | P | 00 33 12.3 +1.2 |
| UTTA | Utatarid 29.78 314 | P | P | 00 33 12.1 +0.7 |
| UTTA | comp=Z,853nmcomp=Z,88nm,0.8s | | | |
| SLVN | Minamidaito 2 29.84 16 | P | P | 00 33 11.3 -0.6 |
| SLVN | Son La 30.17 324 | Iamb | Iamb | 00 33 40.0 |
| SLVN | comp=Z,128nm,1.5s | | | |
| NWAO | Narogin (SRO) 30.22 189 | P | P | 00 33 15.6 +0.4 |
| NWAO | baz=30,SNR=5.3 | | | |
| NWAO | Narogin (SRO) 30.22 189 | P | P | 00 33 15.3 +0.1 |
| NWAO | comp=Z,32nm,1.0s,baz=23,slow=12,SNR=6.8 | | | |
| NWAO | Narogin (SRO) 30.22 189 | P | P | 00 33 15.8 +0.7 |
| NWAO | comp=Z,181nm,1.5s | pmax | pmax | |
| NWAO | Narogin (SRO) 30.22 189 | Iamb | Iamb | 00 33 15.8 +0.7 |
| NWAO | comp=Z,181nm,1.5s | Iamb | Iamb | 00 33 16.7 |
| NWAO | Narogin (SRO) 30.22 189 | Iamb | Iamb | 00 33 16.6 |
| NWAO | comp=Z,133nm,1.4s | | | |
| NWAO | comp=Z,3um,19.0s | IAMS_20 | IAMS_20 | 00 47 22.8 |
| PHRA | Phrae 30.51 315 | P | P | 00 33 19.0 +1.1 |
| PHRA | comp=Z,335nm,1.7s | | | |
| LAMP | Lampang 30.95 314 | P | P | 00 33 22.9 +1.1 |
| LAMP | comp=Z,1umcomp=Z,88nm,0.7s | | | |
| CM36 | Chiang Mai Arr 31.33 314 | P | P | 00 33 25.0 -0.2 |
| CM36 | Chiang Mai Arr 31.34 313 | P | P | 00 33 26.1 +0.9 |
| CM36 | comp=Z,601nmcomp=Z,75nm,0.8s | | | |
| PAYA | Payao 31.34 316 | P | P | 00 33 26.1 +0.9 |
| PAYA | comp=Z,483nm,0.7s | | | |
| CM09 | Chiang Mai Arr 31.36 314 | P | P | 00 33 26.4 +1.0 |
| CM09 | comp=Z,587nmcomp=Z,73nm,0.8s | | | |
| CM05 | Chiang Mai Arr 31.37 313 | P | P | 00 33 26.4 +0.9 |
| CM05 | comp=Z,478nmcomp=Z,51nm,0.7s | | | |
| CM01 | Chiang Mai Arr 31.37 313 | P | P | 00 33 26.4 +1.0 |
| CM01 | comp=Z,658nmcomp=Z,83nm,0.7s | | | |
| CM02 | Chiang Mai Arr 31.39 313 | P | P | 00 33 26.0 +0.4 |
| CM02 | comp=Z,603nmcomp=Z,74nm,0.8s | | | |
| CM35 | Chiang Mai Arr 31.39 314 | P | P | 00 33 26.0 +0.3 |
| CM35 | Chiang Mai Arr 31.40 314 | P | P | 00 33 27.0 +1.2 |
| CM35 | comp=Z,14umcomp=Z,2um,0.7s | | | |
| CM31 | Chiang Mai Arr 31.40 314 | P | P | 00 33 26.5 +0.7 |
| CMAR | Chiang Mai Arr 31.40 314 | P | P | 00 33 26.4 +0.6 |
| CMAR | comp=Z,40nm,0.7s,baz=189,slow=7.4,SNR=206 | | | |
| CMAR | Chiang Mai Arr 31.40 314 | P | P | 00 33 26.4 +0.6 |
| CM13 | Chiang Mai Arr 31.41 313 | P | P | 00 33 26.6 +0.8 |
| CM13 | comp=Z,598nmcomp=Z,76nm,0.8s | | | |
| CLP5 | Chiang Mai Arr 31.41 313 | P | P | 00 33 26.9 +1.0 |
| CLP5 | comp=Z,710nmcomp=Z,82nm,0.7s | | | |
| QMU | Quilpie 31.47 140 | P | P | 00 33 26.9 +0.6 |
| QMU | baz=32,SNR=12 | | | |
| CM34 | Chiang Mai Arr 31.51 314 | P | P | 00 33 27.0 +0.3 |
| CM32 | Chiang Mai Arr 31.60 314 | P | P | 00 33 28.0 +0.5 |
| CM32 | comp=Z,709nmcomp=Z,55nm,0.9s | | | |
| CM32 | Chiang Mai 31.63 314 | P | P | 00 33 23.1 -4.7 |
| CHTO | Chiang Mai 31.63 314 | P | P | 00 33 28.1 +0.3 |
| CHTO | comp=Z,78nm,1.0s | pmax | pmax | |
| CHTO | Chiang Mai 31.63 314 | P | P | 00 33 28.1 +0.3 |
| CHTO | comp=Z,3um,22.0s | Iamb | Iamb | 00 33 43.3 |
| CHTO | comp=Z,78nm,1.0s | | | |
| CM33 | Chiang Mai Arr 31.63 314 | P | P | 00 33 22.0 -5.8 |
| MHMT | Maesarieng 31.97 312 | P | P | 00 33 22.0 +1.2 |
| BBOO | Buckleboo 32.35 158 | P | P | 00 33 34.0 +0.1 |
| BBOO | comp=Z,40nm,0.7s,baz=189,slow=7.4,SNR=206 | | | |
| BBOO | Buckleboo 32.35 158 | Iamb | Iamb | 00 33 45.0 |
| BBOO | comp=Z,73nm,0.8s | IAMS_20 | IAMS_20 | 00 47 56.7 |
| BBOO | comp=Z,5um,18.0s | | | |
| PBA | Port Blair 32.87 297 | Iamb | Iamb | 00 33 59.8 |
| PBA | comp=Z,60nm,1.0s | | | |
| PBA | Port Blair 32.87 297 | P | P | 00 33 39.5 +0.8 |
| PBA | comp=Z,125nm,1.1s | IAMS_20 | IAMS_20 | 00 47 52.8 |
| PBA | comp=Z,7um,21.0s | | | |
| PBA | Port Blair 32.87 297 | eP | eP | 00 33 36.6 -2.1 |
| GVA | Guyyang 32.96 333 | sP | sP | 00 33 40.0 +0.5 |
| GVA | comp=Z,2um,19.0s | S | S | 00 35 51.9 +1.3 |
| GVA | comp=Z,2um,19.0s | pmax | pmax | 00 39 01.5 +5.3 |
| GVA | comp=Z,22nm,1.0s | | | |
| GVA | comp=Z,600nm,4.8s | pmax | pmax | |
| GVA | comp=Z,1um,18.6s | LR | LR | |
| GVA | comp=Z,1um,19.9s | LR | LR | |
| GVA | comp=Z,2um,19.9s | LR | LR | |
| KMI | Kunming 33.80 327 | P | P | 00 33 48.3 +1.3 |
| KMI | comp=Z,2um,19.9s | pP | pP | 00 33 55.3 +0.4 |
| KMI | comp=Z,2um,19.9s | PP | PP | 00 35 04.8 +1.0 |
| KMI | comp=Z,2um,19.9s | S | S | 00 39 08.6 -0.8 |
| KMI | comp=Z,45nm,1.0s | pmax | pmax | |
| KMI | comp=Z,350nm,4.1s | | | |
| KMI | comp=Z,2um,19.0s | LR | LR | |
| KMI | comp=Z,2um,18.2s | LR | LR | |
| KMI | comp=Z,2um,21.0s | LR | LR | |
| SSE | Sheshan 33.87 358 | P | P | 00 33 48.0 +0.8 |
| SSE | comp=Z,52nm,1.2s | S | S | 00 39 08.4 -1.6 |
| SSE | comp=Z,52nm,1.2s | pmax | pmax | |
| SSE | comp=Z,240nm,5.7s | | | |
| SSE | comp=Z,510nm,17.9s | LR | LR | |
| SSE | comp=Z,640nm,17.5s | LR | LR | |
| STKA | Stephens Creek 33.98 150 | P | P | 00 33 48.9 +0.7 |
| STKA | comp=Z,143nm,0.9s,baz=318,slow=9.3,SNR=181 | | | |
| STKA | | | | |

3d 0h

Table with columns for station code, name, frequency, and signal strength. Includes stations like JMM Marumori, LSA Lhasa, BOK Bokaro, etc.

2014 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like YUK comp=Z,463nm,1.2s, HIA Hailar, ULN Ulanbaatar, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like PRZ Przhival'sk, UZB Uzynbulak, SATY Saty, etc.

| | | | | | | |
|-------|---------------|------------|----|---------|------------|------|
| KURK | Kurchatov | 65.23 331c | P | P | 00 37 44.7 | -1.1 |
| KURK | Kurchatov | 65.23 331 | P | Pmax | 00 37 44.6 | -1.1 |
| KURK | Kurchatov | 65.23 331 | I | Iamb | 00 37 45.9 | -1.0 |
| KURK | Kurchatov | 65.23 331 | I | IAMS_20 | 01 11 42.7 | |
| KK06 | Karatay Array | 65.38 321 | P | P | 00 37 46.2 | -0.6 |
| KK05 | Karatay Array | 65.38 321 | P | P | 00 37 45.9 | -1.0 |
| KK31 | Karatay Array | 65.38 321 | i | Pmax | 00 37 45.7 | -1.2 |
| KKAR | Karatay Array | 65.38 321 | P | P | 00 37 45.6 | -1.3 |
| KKAR | Karatay Array | 65.38 321 | P | Pmax | 00 37 45.6 | -1.3 |
| MA2 | Magadan | 66.22 15 | P | P | 00 37 52.4 | +0.4 |
| MA2 | Magadan | 66.22 15 | e | Pmax | 00 37 53.0 | +1.0 |
| MA2 | Magadan | 66.22 15 | e | Pmax | 00 37 52.6 | +0.7 |
| HRA | Herat | 67.53 309 | I | Iamb | 00 37 58.8 | +2.3 |
| HRA | Herat | 67.53 309 | I | IAMS_20 | 01 11 28.7 | |
| BRZS | Berezni | 67.80 328 | e | P | 00 38 01.2 | -1.1 |
| BRZS | Berezni | 67.80 328 | e | Pmax | 00 38 01.1 | -1.1 |
| SEY | Seymchan | 69.49 14 | P | P | 00 38 12.3 | -0.2 |
| SEY | Seymchan | 69.49 14 | e | Pmax | 00 38 12.6 | +0.1 |
| SOCY | Socotra | 69.61 284 | I | IAMS_20 | 01 09 36.8 | |
| BRVK | Borovyoe | 70.77 330c | i | Pmax | 00 38 19.2 | -1.3 |
| BRVK | Borovyoe | 70.77 330 | P | P | 00 38 19.3 | -1.3 |
| ASHT | Ashkhabad | 71.66 312 | P | Pmax | 00 38 26.7 | +0.4 |
| ASHT | Ashkhabad | 71.66 312 | P | Pmax | 00 38 26.7 | +0.4 |
| ASHT | Ashkhabad | 71.66 312 | I | IAMS_20 | 01 14 46.0 | |
| GEYT | Alibek | 71.86 311 | P | P | 00 38 26.5 | -1.0 |
| GEYT | Alibek | 71.86 311 | P | P | 00 38 26.9 | -0.7 |
| GYA08 | ALIBEK ARRAY | 71.86 311 | I | IAMS_20 | 01 15 00.7 | |
| TIXI | Tiksi | 74.58 2 | i | Pmax | 00 38 41.9 | -0.9 |
| TIXI | Tiksi | 74.58 2 | P | P | 00 38 41.8 | -1.1 |
| AB31 | Akbulak array | 74.69 323 | i | Pmax | 00 38 36.3 | -7.7 |
| ABKAR | Akbulak array | 74.69 323 | P | P | 00 38 42.7 | -1.3 |
| ABPO | Ambohinpanom | 75.03 251 | P | Pmax | 00 38 46.6 | -0.2 |
| ABPO | Ambohinpanom | 75.03 251 | P | P | 00 38 46.6 | -0.2 |
| ABPO | Ambohinpanom | 75.03 251 | I | IAMS_20 | 01 08 33.3 | |
| NR1K | Noril'sk | 75.93 348 | P | P | 00 38 50.1 | -0.5 |
| NR1K | Noril'sk | 75.93 348 | LR | LR | 01 15 05.6 | |
| NR1K | Noril'sk | 75.93 348c | i | Pmax | 00 38 50.0 | -0.6 |
| MAW | Mawson | 76.04 200 | P | P | 00 38 52.8 | +1.4 |
| MAW | Mawson | 76.04 200 | P | P | 00 38 51.8 | +0.4 |
| MAW | Mawson | 76.04 200 | P | P | 01 09 03.8 | |
| MAW | Mawson | 76.04 200 | P | Pmax | 00 38 52.2 | +0.8 |
| MAW | Mawson | 76.04 200 | P | P | 00 38 52.1 | +0.8 |
| MAW | Mawson | 76.04 200 | P | P | 00 38 52.1 | -1.1 |
| AKTO | Aktyubinsk | 76.30 324 | P | P | 00 38 52.1 | -1.1 |
| BILL | Bilibino | 77.08 16c | i | P | 00 38 57.5 | +0.3 |
| BILL | Bilibino | 77.08 16c | e | S | 00 41 51.2 | |
| BILL | Bilibino | 77.08 16c | e | S | 00 48 46.4 | +2.3 |
| BILL | Bilibino | 77.08 16 | P | MLR | 00 38 57.6 | +0.3 |
| BILL | Bilibino | 77.08 172 | P | P | 00 38 59.5 | +0.4 |
| VNDA | Vanda | 77.43 172 | P | P | 00 38 59.5 | +0.4 |
| VNDA | Vanda | 77.43 172 | P | P | 00 38 59.0 | -0.1 |
| SVE | Sverdlovsk | 77.46 330d | i | Pmax | 00 38 57.7 | -0.9 |
| ARU | Arti | 78.34 329c | i | P | 00 39 02.8 | -1.6 |
| ARU | Arti | 78.34 329 | P | S | 00 41 55.4 | |
| ARU | Arti | 78.34 329 | S | S | 00 48 58.6 | +0.5 |
| ARU | Arti | 78.34 329 | P | P | 00 39 02.9 | -1.5 |
| DAMY | Dhamar | 79.16 285 | I | Iamb | 00 39 23.7 | |
| RAYN | Ar Rayn | 79.19 294 | P | Pmax | 00 39 08.5 | -1.4 |
| RAYN | Ar Rayn | 79.19 294 | P | MLR | 00 39 08.5 | -1.4 |
| RAYN | Ar Rayn | 79.19 294 | P | P | 00 39 08.5 | -1.4 |
| ATD | Arta Tunnel | 80.37 282 | I | IAMS_20 | 01 12 12.0 | |
| MAK | Makhachkala | 81.01 314 | e | P | 00 39 13.0 | -6.2 |
| MAK | Makhachkala | 81.01 314 | e | S | 00 49 19.3 | -7.5 |
| GROC | Groznyy | 82.28 314 | e | P | 00 39 25.9 | -0.1 |
| GROC | Groznyy | 82.28 314 | e | S | 00 39 31.8 | |
| GROC | Groznyy | 82.28 314 | e | S | 00 49 33.5 | -6.5 |
| GNI | Garni | 82.49 311c | i | P | 00 39 27.7 | +0.4 |
| GNI | Garni | 82.49 311 | P | Pmax | 00 39 28.1 | +0.8 |
| GNI | Garni | 82.49 311 | P | Iamb | 00 40 13.7 | |
| BELG | Belogoroye | 83.09 323c | i | Pmax | 00 39 28.8 | -1.1 |
| ANKE | Ethiopia-Afar | 83.27 280 | e | P | 00 39 34.4 | +2.2 |
| GEVA | Gevas | 83.47 309 | P | P | 00 39 34.4 | +0.9 |
| ZEI | Tsey | 83.57 313 | e | Pmax | 00 39 31.6 | -1.4 |
| ZEI | Tsey | 83.57 313 | e | Pmax | 00 39 33.5 | +0.2 |
| AKH | Akhalkalaki | 83.64 312 | P | Pmax | 00 39 33.5 | +0.2 |
| AKH | Akhalkalaki | 83.64 312 | P | P | 00 39 33.5 | +0.2 |
| KIRV | Kirov | 83.71 330 | P | P | 00 39 32.0 | -1.0 |
| KIRV | Kirov | 83.71 330 | P | P | 00 39 31.7 | -1.3 |
| FURI | Furi | 84.26 279 | I | IAMS_20 | 01 19 17.1 | |
| KBZ | Khabaz | 84.45 314 | P | P | 00 39 35.9 | -1.3 |
| KBZ | Khabaz | 84.45 314c | i | Pmax | 00 39 36.9 | -0.2 |
| GOF | Gofitskoye | 84.57 316 | e | Pmax | 00 39 36.8 | -0.9 |

| | | | | | | |
|-----|------------|-----------|---|---------|------------|------|
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 37.4 | -0.8 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 39 37.1 | -1.1 |
| KIV | Kislovodsk | 84.64 314 | P | P | 00 39 37.1 | -1.1 |
| KIV | Kislovodsk | 84.64 314 | P | P | 00 39 38.0 | +0.2 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 41.0 | +3.2 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 42.4 | +0.2 |
| KIV | Kislovodsk | 84.64 314 | I | IAMS_20 | 01 22 37.2 | |
| KIV | Kislovodsk | 84.64 314 | P | P | 00 39 43.8 | +0.2 |
| KIV | Kislovodsk | 84.64 314 | P | P | 00 39 47.7 | +0.5 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 39 45.2 | -1.7 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 39 49.1 | +0.6 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 46.4 | -2.0 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 43 07.8 | |
| KIV | Kislovodsk | 84.64 314 | e | ePPP | 00 45 00.9 | |
| KIV | Kislovodsk | 84.64 314 | e | SKKSac | 00 50 12.7 | -0.9 |
| KIV | Kislovodsk | 84.64 314 | e | eSS | 00 56 01.9 | -4.2 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 59 48.8 | -0.7 |
| KIV | Kislovodsk | 84.64 314 | e | MLR | 00 39 50.4 | |
| KIV | Kislovodsk | 84.64 314 | e | MLR | 00 39 51.1 | +0.6 |
| KIV | Kislovodsk | 84.64 314 | e | S | 00 50 21.8 | -4.1 |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 03 43.0 | |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 07 31.6 | |
| KIV | Kislovodsk | 84.64 314 | e | eLR | 00 50 26.5 | -0.5 |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 07 29.6 | |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 14 53.9 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 52.4 | -1.7 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 39 55.1 | +0.6 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 55.9 | +0.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 56.8 | +0.4 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 59.9 | +0.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 56.8 | -2.9 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 43 26.8 | |
| KIV | Kislovodsk | 84.64 314 | e | LQ | 01 12 54.1 | |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 22 12.4 | |
| KIV | Kislovodsk | 84.64 314 | e | LR | 00 39 56.4 | -2.9 |
| KIV | Kislovodsk | 84.64 314 | e | AMP | 00 40 10.6 | |
| KIV | Kislovodsk | 84.64 314 | e | PP | 00 43 26.8 | -2.6 |
| KIV | Kislovodsk | 84.64 314 | e | LQ | 01 12 54.1 | |
| KIV | Kislovodsk | 84.64 314 | e | LQ | 00 40 05.5 | +0.6 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 39 59.0 | -2.2 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 43 34.7 | |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 02.5 | -0.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 02.8 | 0.0 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 02.4 | -1.4 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 12.2 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 43 36.0 | |
| KIV | Kislovodsk | 84.64 314 | e | eS | 00 50 40.8 | +8.1 |
| KIV | Kislovodsk | 84.64 314 | e | iPS | 00 51 55.5 | -8.7 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 02.3 | -1.4 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 03.2 | -1.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 05.5 | +0.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 04.9 | -0.8 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 23.4 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 07.2 | -0.2 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 07.0 | -0.4 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 07.7 | 0.0 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 06.6 | -1.3 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 22.9 | |
| KIV | Kislovodsk | 84.64 314 | e | IAMS_20 | 01 29 04.9 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 07.8 | -0.8 |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 27 05.1 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 07.8 | -0.8 |
| KIV | Kislovodsk | 84.64 314 | e | IAMS_20 | 01 28 39.4 | |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 08.6 | -0.8 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 57.9 | |
| KIV | Kislovodsk | 84.64 314 | e | IAMS_20 | 01 20 13.6 | |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 11.6 | -1.0 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 40.3 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 11.6 | -1.2 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 09.6 | -2.6 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 12.2 | -0.1 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 13.9 | |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 22.8 | |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 32.6 | |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 11.8 | -2.4 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 41 01.3 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 15.1 | -0.2 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 54.5 | |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 15.6 | -1.0 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 15.8 | -0.6 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 15.0 | -2.1 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 15.6 | -1.7 |
| KIV | Kislovodsk | 84.64 314 | e | PP | 00 43 58.7 | -1.2 |
| KIV | Kislovodsk | 84.64 314 | e | LR | 01 21 32.7 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 15.6 | -1.7 |
| KIV | Kislovodsk | 84.64 314 | e | P | 01 28 39.2 | |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 19.6 | -0.4 |
| KIV | Kislovodsk | 84.64 314 | e | Pmax | 00 40 19.6 | -0.4 |
| KIV | Kislovodsk | 84.64 314 | e | MLR | 00 40 19.6 | -0.4 |
| KIV | Kislovodsk | 84.64 314 | e | P | 00 40 19.6 | -0.4 |
| KIV | Kislovodsk | 84.64 314 | e | Iamb | 00 40 41.5 | |

| | | | | | | |
|-------|----------------|-----------|------|------|------------|------|
| RIDG | Independent R | 93.84 26 | Iamb | Iamb | 00 40 57.2 | |
| BMAR | Burnt Mountain | 93.86 23 | P | P | 00 40 21.6 | +0.2 |
| NVL | Nazarevskaya | 93.91 198 | e | S | 00 40 21.0 | -0.5 |
| NVL | Nazarevskaya | 93.91 198 | e | Pmax | 00 50 54.7 | +0.5 |
| AKASG | Main Array B | 94.28 320 | P | P | 00 40 21.9 | -1.7 |
| AKASG | Main Array B | 94.28 320 | PP | PP | 00 44 12.6 | +1.9 |
| AKASG | Main Array B | 94.28 320 | LR | LR | 01 28 43.6 | |
| AKASG | Main Array B | 94.28 320 | P | P | 00 40 22.0 | -1.7 |
| AKASG | Main Array B | 94.28 320 | P | P | 00 40 22.0 | -1.7 |
| AKASG | Main Array B | 94.28 320 | e | Pmax | 0 | |

Table with columns: ID, Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like MNHC5, AP01, AP01, AP01, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like ARAG Araguaiana, MT, ITAB Concordia, LC01 Cunco, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other astronomical data. Includes entries like O56A Blue Knob Stat, MNTX Cornudas Mount, M56A Emporium, etc.

IDD 03:02:33.19.0.0.5.2.89S: 122:36E, h0km, mb4.4/20, mb1.4/522, mb1mx4.4/37, mbtmp4.4/22, ML4.0/2, MS3.9/11, Ms1.3.9/11, ms1mx3.6/35, Error ellipse: s-maj=17.6km s-min=11.9km az=74.0

3d 6h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

2012 DEC

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

NDI 03 06:28:09.6i.4.24i.00N:92i.80E, h15km, 19km, ML3.6
ISC 03 06:28:11.6i.1.74i.14i.00N:05i.92i.64E:0.08, h75km, 20km, i19, i19i75/37, India-Bangladesh border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

IDC 03 06:59:17.0i.0.9.21i.76N:143i.57E, h0km, mb4.1/11, mb1.4/31, mb1mx4.1/35, mbmp4.1/11, MS3.4/6, Ms1.3/4.6, ms1mx3.1/32, Error ellipse: s-maj=30.2km s-min=21.7km az=76.0
NEIC 03 06:59:32.0i.0.9.21i.8N:0i.1x143i.5E:0.2, h123km, 7km, mb4.5/10, Error ellipse: s-maj=22.2km s-min=16.5km az=71.0
NEIC 03 06:59:32.0i.0.9.21i.8N:0i.1x143i.5E:0.2, h123km, 7km, mb4.5/10, Error ellipse: s-maj=22.2km s-min=16.5km az=71.0

ISC 03 06:59:22.6i.0.7.21i.3N:0i.1x143i.5E:0.2, h35km, n42, i077/32, mb4.4/17, MS3.3/0.6, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth 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 Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

| | | | | |
|------|------------------------------------|----|----|-----------------|
| BRVK | 3.6nm,0.7s | ll | Lg | 09 22 04.9 |
| OTUK | 16nm,0.6s | ll | Lg | 09 21 32.7 -1.0 |
| OTUK | 3.9nm,1.1s | ll | Lg | 09 22 30.7 |
| OTUK | 18nm,0.9s | ll | Lg | 09 21 59.4 +0.3 |
| MK31 | 4.1nm,0.8s,baz=315,slow=12,SNR=4.5 | ll | Sn | 09 23 20.8 +4.1 |
| MK31 | 7.5nm,1.1s,baz=314,slow=25,SNR=3.8 | ll | Sn | 09 23 20.8 +4.1 |
| MK31 | 8.7nm,0.8s,baz=334,slow=27,SNR=6.2 | ll | Lg | 09 23 52.0 |

VAO 03 09:38:31.5:0.4,22.60S:70.20W,h10km,m5.3
 MOS 03 09:38:34.9:1.4,22.52S:70.16W,h45km,m5.5/21, Error ellipse: s-maj=13.0km s-min=7.0km az=103.1
 SJA 03 09:38:35.4:0.7,22.63S:70.31W,h77km,3km,ML5.3, MW5.0

NEIC 03 09:38:36.7:22.59S:70.31W,h64km, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M_{rr}=4.26; M_{θθ}=2.44; M_{φφ}=1.82; M_{φθ}=1.28; M_{φφ}=1.55; M_{φφ}=3.57; Fault plane solution: M₅.520000*10¹⁶ NP1₅241.400000*, 5.26, 18.0000*, λ=62.540000*, NP2₅31.330000*, 8.66, 9.60000*, λ=102.770000*. Principal axes: T 4.9731, Plg1.0000*, Azm131.0000*; N 0.9698, Plg12.0000*, Azm36.0000*; P -5.9429, Plg66.0000*, Azm279.0000*;
 NEIC 03 09:38:36.7:21.22.59S:0.03:70.31W,0.05,h56km,1km, m5.4/410, Mwr5.1/57, Mww5.2, ML5.2(GUC) Error ellipse: s-maj=6.9km s-min=4.5km az=100.0
 GUC 03 09:38:38.0:0.8,22.59S:70.18W,h61km,5km,ML5.2, IDC 03 09:38:38.3:0.5,22.48S:70.23W,h64km,4km,m5.4/714, mb1 4.8/17, mb1mx4.7/23, mbtmp4.9/17, MS4.1/17, MS1 4.1/17, ms1mx4.0/18, Error ellipse: s-maj=13.3km s-min=7.9km az=18.0

NEIC 03 09:38:39.22:59S:70.20W,h60km, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M_{rr}=8.14; M_{θθ}=0.48; M_{φφ}=7.66; M_{φθ}=0.77; M_{φφ}=1.12; M_{φφ}=0.05; Fault plane solution: M₈.230000*10¹⁶ NP1₈191.000000*, 5.44, 0.00000*, λ=97.000000*. NP2₈20.000000*, 8.46, 0.00000*, λ=82.000000*. Principal axes: T 8.2458, Plg1.0000*, Azm105.00000*; N -0.0361, Plg5.00000*, Azm195.00000*; P -8.2098, Plg85.00000*, Azm6.00000*;
 GCMT 03 09:38:40.7:0.2,22.65S:0.01:70.44W,0.01,h62km,1km, MW5.1/119, Moment Tensor Solution. s84,c107; s119,c179; Duration: 0 Moment tensor: Scale 10¹⁶Nm; M_{rr}=5.58; M_{θθ}=1.16; M_{φφ}=3.11; M_{φθ}=2.47; M_{φφ}=1.6; M_{φφ}=1.44; M_{φφ}=2.32; M_{φφ}=3.26; M_{φφ}=1.0; Best double couple: M₅.352000*10¹⁶ NP1₅240.000000*, 8.31, 0.00000*, λ=68.000000*. NP2₅30.000000*, 8.61, 0.00000*, λ=103.000000*. Principal axes: T 5.9600, Plg15.0000*, Azm134.000000*; N 0.7840, Plg11.00000*, Azm41.00000*; P -6.7440, Plg71.00000*, Azm276.00000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 03 09:38:37.1:0.4,22.57S:0.02:70.29W,0.03,h59km,3km, h59km-P, N916.6, t1931/801, m5.4/212, MS4.2/18, 18C-17D, Near coast of northern Chile

| Code | Station Name | Δ | AZ | Phase ID | Time | Res |
|-------|----------------|------|-----|----------|------|-----------------|
| | | | | | h | s |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Pn | 09 38 48.4 +1.3 |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Sn | 09 38 56.5 +2.2 |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Sn | 09 38 57.7 |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Pn | 09 38 47.5 +0.4 |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Pn | 09 38 48.4 +1.3 |
| BP04 | IPOC Station P | 0.27 | 29 | ll | Pn | 09 39 05.5 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Pn | 09 38 48.2 +1.1 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Sn | 09 38 55.9 +1.5 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Sn | 09 38 56.9 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Pn | 09 38 48.0 +0.8 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Sn | 09 38 56.6 +2.2 |
| BP05 | IPOC Station P | 0.29 | 164 | ll | Sn | 09 38 58.4 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Pn | 09 38 51.6 +0.4 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Sn | 09 39 01.6 +0.2 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Sn | 09 39 02.3 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Pn | 09 38 51.0 -0.2 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Sn | 09 39 01.8 +0.4 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Sn | 09 38 51.7 +0.5 |
| BP06 | IPOC Station P | 0.68 | 101 | ll | Sn | 09 39 07.0 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Pn | 09 38 52.8 +1.1 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Sn | 09 39 03.4 +1.0 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Sn | 09 39 06.0 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Pn | 09 38 53.1 +1.4 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Sn | 09 39 02.6 +0.2 |
| BP03 | IPOC Station P | 0.72 | 44 | ll | Sn | 09 39 06.3 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Pn | 09 38 55.1 +0.8 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 39 08.4 +1.5 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 39 11.2 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Pn | 09 38 54.5 +0.3 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 39 07.9 +1.0 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 38 55.1 +1.1 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 39 08.4 +1.5 |
| BP07 | IPOC Station P | 0.92 | 24 | ll | Sn | 09 39 11.3 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Pn | 09 38 54.8 +0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 07.5 +0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 38 54.1 -0.6 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 07.5 -0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 38 54.6 -0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 08.0 +0.3 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 38 55.5 -0.0 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 08.4 -0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 38 54.8 -0.3 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 08.3 -0.1 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 38 55.3 +0.2 |
| BP10 | IPOC Station P | 0.97 | 194 | ll | Sn | 09 39 11.3 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Pn | 09 38 59.7 +1.2 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 39 14.7 +0.4 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 39 18.1 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Pn | 09 38 59.5 +1.0 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 39 14.8 +0.4 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 38 59.9 +1.5 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 39 15.4 +1.0 |
| BP09 | IPOC Station P | 1.24 | 52 | ll | Sn | 09 39 17.4 |
| LVC | Limon Verde | 1.28 | 92 | ll | Pn | 09 39 00.3 +1.2 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 16.6 +1.1 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 34.9 |
| LVC | Limon Verde | 1.28 | 92 | ll | Pn | 09 39 00.4 +1.2 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 16.6 +1.1 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 05.5 +1.4 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 16.3 +1.3 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 00.2 +1.2 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 17.0 +1.5 |
| LVC | Limon Verde | 1.28 | 92 | ll | Sn | 09 39 07.9 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Pn | 09 39 05.7 +1.2 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Sn | 09 39 26.6 +1.4 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Sn | 09 39 28.1 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Pn | 09 39 05.8 +1.2 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Sn | 09 39 26.6 +1.4 |
| BP01 | IPOC Station P | 1.69 | 26 | ll | Sn | 09 39 27.9 |
| PATCX | Punta Patache | 1.75 | 4 | ll | Pn | 09 39 05.4 +0.1 |
| PATCX | Punta Patache | 1.75 | 4 | ll | Sn | 09 39 23.4 -3.1 |
| PATCX | Punta Patache | 1.75 | 4 | ll | Sn | 09 39 33.4 |
| PATCX | Punta Patache | 1.75 | 4 | ll | Pn | 09 39 05.6 +0.4 |
| TA01 | Diego Aracena | 2.00 | 3 | ll | Pn | 09 39 08.4 -0.2 |

| TA01 | comp=N,12um,0.7s | 2.00 | 3 | Pn | Pn | 09 39 34.4 |
|------|------------------|------|-----|----|----|-----------------|
| TA01 | Diego Aracena | 2.00 | 3 | Pn | Pn | 09 39 08.4 -0.2 |
| BP14 | IPOC Station P | 2.05 | 183 | ll | Pn | 09 39 08.7 -0.7 |
| BP14 | IPOC Station P | 2.05 | 183 | ll | Pn | 09 39 08.8 -0.9 |
| BP14 | IPOC Station P | 2.05 | 183 | ll | Sn | 09 39 30.9 -3.2 |
| TA02 | Huauquiue | 2.30 | 41 | eS | Sn | 09 39 13.0 +0.4 |
| TA02 | Huauquiue | 2.30 | 41 | eS | Sn | 09 39 40.4 +0.7 |
| TA02 | Huauquiue | 2.30 | 41 | eS | Sn | 09 39 45.0 |
| HMBC | Humberstone | 2.31 | 9 | ll | Pn | 09 39 13.2 +0.3 |
| HMBC | Humberstone | 2.31 | 9 | ll | Sn | 09 39 34.5 -5.8 |
| HMBC | Humberstone | 2.31 | 9 | ll | Sn | 09 40 04.2 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Pn | 09 39 19.0 +1.3 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Sn | 09 40 08.7 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Pn | 09 39 19.6 +2.0 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Sn | 09 39 19.0 +1.3 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Sn | 09 39 38.4 -1.0 |
| BP08 | IPOC Station P | 2.64 | 24 | ll | Sn | 09 40 08.0 |
| GO02 | Mina Guanaco | 2.66 | 166 | ll | Pn | 09 39 18.2 +0.4 |
| GO02 | Mina Guanaco | 2.66 | 166 | ll | Sn | 09 39 49.5 +0.5 |
| GO02 | Mina Guanaco | 2.66 | 166 | ll | Sn | 09 39 59.3 |
| GO02 | Mina Guanaco | 2.66 | 166 | ll | Pn | 09 39 18.3 +0.5 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Pn | 09 39 20.5 0.0 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Sn | 09 40 19.0 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Pn | 09 39 20.8 +0.4 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Sn | 09 39 21.4 +0.9 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Sn | 09 39 41.4 -1.2 |
| BP11 | IPOC Station P | 2.86 | 121 | ll | Sn | 09 40 15.0 |
| PSGC | Pisagua | 2.96 | 31 | ll | Pn | 09 39 21.6 -0.3 |
| PSGC | Pisagua | 2.96 | 31 | ll | Sn | 09 39 57.8 |
| PSGC | Pisagua | 2.96 | 31 | ll | Pn | 09 39 21.6 -0.3 |
| PSGC | Pisagua | 2.96 | 31 | ll | Sn | 09 39 21.6 -0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 24.4 +0.9 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 40 20.2 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 24.1 +0.5 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 24.1 +0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 29.8 +0.7 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 29.8 +0.7 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 29.8 +0.7 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 29.8 +0.7 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 28.1 -1.9 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 28.1 -1.9 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 28.1 -1.9 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 28.1 -1.9 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 38.7 +0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 38.7 +0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 40.5 +0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 39 40.5 +0.3 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Pn | 09 39 41.0 +0.7 |
| GO01 | Chusmiza | 3.07 | 20 | eP | Sn | 09 41 04.2 |
| AC02 | Mariungo | 4.37 | 166 | Pn | Pn | 09 39 42.3 +0.8 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 48.0 -1.7 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 47.6 -2.1 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 54.7 -3.9 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 40 07.7 +2.2 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 40 10.6 +1.4 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 42 07.4 |
| AC02 | Mariungo | 4.37 | 166 | Pn | Pn | 09 39 42.3 +0.8 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 48.0 -1.7 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 47.6 -2.1 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 54.7 -3.9 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 40 07.7 +2.2 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 40 10.6 +1.4 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 42 07.4 |
| AC02 | Mariungo | 4.37 | 166 | Pn | Pn | 09 39 42.3 +0.8 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 48.0 -1.7 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 47.6 -2.1 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 39 54.7 -3.9 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | 09 40 07.7 +2.2 |
| GO03 | Copiap | 5.07 | 179 | Pn | Pn | |

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|-------|-------------------------------------|-------|-----|---|-----|-----------------|
| ZAIG | comp=Z,46nm,0.9s | I | Amb | I | Amb | 09 48 06.5 |
| TIGA | Tifton bazz=165 | 55.20 | 346 | P | P | 09 48 03.7 -0.3 |
| TIGA | Tifton comp=Z,22nm,0.8s | 55.20 | 346 | I | Amb | 09 48 04.7 |
| 352A | Blakely comp=Z,55nm,1.1s | 55.55 | 345 | I | Amb | 09 48 07.8 |
| NHSC | New Hope bazz=168 | 56.17 | 350 | P | P | 09 48 10.8 0.0 |
| 154A | Motrose comp=Z,50nm,1.1s | 56.23 | 347 | I | Amb | 09 48 13.1 |
| Z58A | St. Stephen bazz=170 | 56.33 | 350 | P | P | 09 48 12.3 +0.3 |
| 250A | Grady comp=Z,33nm,0.8s | 56.36 | 344 | I | Amb | 09 48 13.2 |
| Z57A | Bowman bazz=168 | 56.44 | 350 | P | P | 09 48 13.0 +0.2 |
| Z56A | Williston bazz=168 | 56.58 | 349 | P | P | 09 48 13.6 -0.2 |
| 152A | Waverly Hall comp=Z,32nm,1.0s | 56.63 | 345 | I | Amb | 09 48 15.1 |
| Y60A | Bolivia bazz=171 | 56.77 | 352 | P | P | 09 48 14.6 -0.4 |
| Y60A | Bolivia | 56.77 | 352 | P | P | 09 48 15.6 +0.5 |
| Y58A | Scranton | 56.87 | 351 | P | P | 09 48 15.6 -0.2 |
| GOGA | Godfrey bazz=170 | 57.07 | 347 | P | P | 09 48 17.1 -0.2 |
| Y57A | Sumter bazz=166 | 57.09 | 350 | P | P | 09 48 17.9 +0.5 |
| Y57A | Sumter | 57.09 | 350 | P | P | 09 48 16.5 -0.9 |
| Y57A | Sumter | 57.09 | 350 | I | Amb | 09 48 19.2 |
| H06S1 | SOCORRO T SNR=4 | 57.14 | 313 | T | T | 10 50 08.7 |
| H06E1 | SOCORRO T-PHASE3 SNR=4 | 57.18 | 313 | T | T | 10 50 07.6 |
| 344A | Westbrook Farm comp=Z,52nm,1.2s | 57.18 | 339 | I | Amb | 09 48 20.1 |
| Y55A | Saluda bazz=167 | 57.27 | 349 | P | P | 09 48 18.7 +0.1 |
| X60A | Albert Glenn T bazz=172 | 57.30 | 352 | P | P | 09 48 19.3 +0.5 |
| X59A | McDuffie Farm, bazz=171 | 57.38 | 352 | P | P | 09 48 19.3 -0.1 |
| X58A | Rowland Oak Lake bazz=170 | 57.46 | 351 | I | Amb | 09 48 20.5 +0.6 |
| X58A | Rowland comp=Z,25nm,0.9s | 57.46 | 351 | I | Amb | 09 48 21.7 |
| X57A | Johnson Farm, bazz=169 | 57.48 | 350 | P | P | 09 48 20.3 +0.2 |
| LRAL | Lakeview Retre bazz=162,SNR=7.5 | 57.55 | 343 | P | P | 09 48 19.9 -0.7 |
| LRAL | Lakeview Retre | 57.55 | 343 | P | P | 09 48 20.0 -0.7 |
| HODGE | Hodges | 57.63 | 348 | I | Amb | 09 48 21.4 +0.2 |
| Y52A | Lilburn | 57.64 | 346 | I | Amb | 09 48 22.1 |
| X56A | White Oak comp=Z,26nm,1.2s | 57.66 | 350 | P | P | 09 48 21.3 -0.1 |
| HKT | Hockley bazz=168 | 57.71 | 334 | P | P | 09 48 22.8 +1.0 |
| HKT | Hockley | 57.71 | 334 | P | P | 09 48 22.8 +1.0 |
| HKT | Hockley | 57.71 | 334 | I | Amb | 09 48 24.3 |
| BIRD | Birdtown, Kers comp=Z,29nm,1.1s | 57.72 | 350 | I | Amb | 09 48 23.5 |
| W60A | Pink Hill bazz=172 | 57.74 | 353 | P | P | 09 48 22.1 +0.1 |
| X55A | Gracelyn & Ava bazz=168,SNR=6.6 | 57.74 | 349 | P | P | 09 48 22.0 0.0 |
| 146A | Union comp=Z,53nm,1.1s | 57.75 | 341 | I | Amb | 09 48 23.6 |
| W61A | Ground Anchor bazz=173 | 57.78 | 354 | P | P | 09 48 22.7 +0.5 |
| VBMS | Vicksburg bazz=158 | 57.82 | 340 | P | P | 09 48 22.7 +0.2 |
| VBMS | Vicksburg | 57.82 | 340 | I | Amb | 09 48 24.3 |
| 833A | Chaparral WMA, bazz=148,SNR=19 | 57.87 | 330 | P | P | 09 48 23.7 +0.7 |
| W59A | Raeford bazz=170,SNR=6.4 | 57.90 | 351 | P | P | 09 48 23.3 +0.2 |
| W59A | Clinton bazz=171 | 57.94 | 352 | P | P | 09 48 24.0 +0.7 |
| CNNO | Cliffs of the bazz=172 | 57.95 | 353 | P | P | 09 48 23.6 +0.3 |
| X54A | Belton bazz=167,SNR=6.7 | 57.95 | 348 | P | P | 09 48 23.3 -0.2 |
| Z47A | Carrollton comp=Z,33nm,0.7s | 58.00 | 342 | I | Amb | 09 48 24.6 |
| V62A | Hyde County Ai bazz=174 | 58.06 | 355 | P | P | 09 48 24.2 +0.1 |
| V62A | Hyde County Ai PAULI | 58.06 | 355 | P | P | 09 48 23.5 -0.7 |
| PAULI | Pauline | 58.12 | 349 | I | Amb | 09 48 23.3 -1.3 |
| W57A | Gilead comp=Z,26nm,1.1s | 58.14 | 351 | P | P | 09 48 24.7 0.0 |
| W57A | Gilead bazz=170 | 58.14 | 351 | I | Amb | 09 48 26.5 |
| W56A | Indian Trail bazz=169 | 58.22 | 350 | P | P | 09 48 25.4 +0.1 |
| KMSC | Kings Mountain bazz=168 | 58.35 | 349 | P | P | 09 48 26.2 0.0 |
| KMSC | Kings Mountain | 58.35 | 349 | P | P | 09 48 25.9 -0.3 |
| KMSC | Kings Mountain | 58.35 | 349 | I | Amb | 09 48 27.9 |
| V61A | Roper bazz=173 | 58.35 | 354 | P | P | 09 48 26.7 +0.5 |
| V60A | Jim Taylor Roa bazz=172 | 58.39 | 353 | P | P | 09 48 26.4 -0.1 |
| V60A | Jim Taylor Roa | 58.39 | 353 | I | Amb | 09 48 26.3 -0.1 |
| W54A | Cherokee Point bazz=167,SNR=8.7 | 58.44 | 349 | P | P | 09 48 26.8 -0.1 |
| X51A | Calhoun comp=Z,39nm,1.0s | 58.49 | 346 | I | Amb | 09 48 28.3 |
| V59A | Middlesex bazz=171,SNR=7.6 | 58.51 | 352 | P | P | 09 48 27.7 +0.5 |
| FPAL | Fort Paine comp=Z,18nm,0.9s | 58.63 | 345 | I | Amb | 09 48 29.1 |
| V58A | Windy Hill, Pi bazz=170,SNR=6.2 | 58.65 | 352 | P | P | 09 48 28.3 0.0 |
| V58A | Windy Hill, Pi | 58.65 | 352 | I | Amb | 09 48 30.0 |
| V52A | Murphy comp=Z,35nm,1.1s | 58.79 | 347 | I | Amb | 09 48 30.7 |
| V57A | Coltrane Farms comp=Z,29nm,1.1s | 58.83 | 351 | P | P | 09 48 30.1 +0.5 |
| NATX | Nacoochees bazz=170,SNR=6.5 | 58.85 | 336 | P | P | 09 48 30.3 +0.5 |
| V56A | Mocksville bazz=169,SNR=12 | 58.86 | 350 | P | P | 09 48 30.0 +0.3 |
| U61A | Possum Corner bazz=173 | 58.87 | 354 | P | P | 09 48 30.4 +0.6 |
| V55A | Taylorville bazz=168,SNR=9.0 | 59.02 | 350 | I | Amb | 09 48 32.8 |
| U59A | Littleton comp=Z,37nm,1.0s | 59.03 | 353 | P | P | 09 48 31.3 +0.4 |
| Y45A | Yeager Farm, C comp=Z,39nm,0.9s | 59.04 | 341 | I | Amb | 09 48 32.5 |
| U54A | Nebo bazz=168,SNR=7.9 | 59.07 | 349 | P | P | 09 48 31.2 0.0 |
| U60A | Pendleton bazz=173 | 59.08 | 354 | P | P | 09 48 31.7 +0.4 |
| V53A | Saluda comp=Z,38nm,1.4s | 59.13 | 348 | I | Amb | 09 48 32.9 |
| U58A | Oxford bazz=171 | 59.16 | 352 | P | P | 09 48 32.3 +0.5 |
| 435B | Jarell bazz=151,SNR=5.5 | 59.17 | 333 | P | P | 09 48 32.1 +0.1 |
| 435B | Jarell | 59.17 | 333 | P | P | 09 48 32.8 +0.8 |
| W50A | Signal Mountain comp=Z,30nm,0.9s | 59.20 | 346 | I | Amb | 09 48 33.3 |
| CPCT | Cooper Cave comp=Z,28nm,0.9s | 59.26 | 346 | I | Amb | 09 48 33.8 |
| TKL | Tuckaleechee C comp=Z,34nm,0.9s | 59.30 | 347 | I | Amb | 09 48 33.8 |
| U57A | Blanch bazz=170,SNR=11 | 59.30 | 352 | P | P | 09 48 33.1 +0.3 |
| U56A | King bazz=169,SNR=6.9 | 59.37 | 351 | P | P | 09 48 33.9 +0.6 |
| U56A | King | 59.37 | 351 | I | Amb | 09 48 35.5 |

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|------|-------------------------------------------------------------|-------|-----|---|-----|-----------------|
| Z41A | Richland Creek bazz=156,SNR=13 | 59.53 | 338 | P | P | 09 48 35.0 +0.6 |
| V51A | Loudon V51A | 59.57 | 347 | I | Amb | 09 48 34.8 +0.2 |
| OXF | Oxford comp=Z,24nm,0.8s | 59.61 | 342 | P | P | 09 48 34.7 -0.1 |
| OXF | Oxford bazz=160,SNR=12 | 59.61 | 342 | P | P | 09 48 34.0 -1.0 |
| OXF | Oxford | 59.61 | 342 | P | P | 09 48 34.1 -0.8 |
| OXF | Oxford | 59.61 | 342 | P | P | 09 48 34.1 -0.8 |
| T59A | Double "B" Far bazz=172,SNR=11 | 59.62 | 353 | P | P | 09 48 34.7 -0.3 |
| T59A | Double "B" Far | 59.62 | 353 | P | P | 09 48 35.2 +0.3 |
| U55A | TA2, Sparta | 59.62 | 350 | P | P | 09 48 35.1 0.0 |
| PLAL | Pickwick Lake PLAL | 59.68 | 343 | I | Amb | 09 48 34.4 -1.0 |
| T60A | Surry bazz=173 | 59.70 | 354 | P | P | 09 48 35.7 +0.2 |
| T58A | Grand View Agr bazz=171,SNR=12 | 59.71 | 352 | P | P | 09 48 35.6 0.0 |
| VNA1 | Neumayer-Stiat U54A | 59.71 | 360 | P | P | 09 48 37.0 +1.7 |
| U54A | Nelsons Funny bazz=168,SNR=11 | 59.77 | 349 | P | P | 09 48 35.9 -0.3 |
| U54A | Nelsons Funny | 59.77 | 349 | P | P | 09 48 35.8 -0.4 |
| T57A | Hurt bazz=170,SNR=9.2 | 59.85 | 352 | P | P | 09 48 36.7 +0.1 |
| JCT | Junction City comp=Z,48nm,0.9s | 59.88 | 331 | P | P | 09 48 37.2 +0.2 |
| JCT | Junction City | 59.88 | 331 | P | P | 09 48 37.2 +0.2 |
| JCT | Junction City | 59.88 | 331 | I | Amb | 09 48 37.2 +0.2 |
| JCT | Junction City | 59.88 | 331 | I | Amb | 09 48 37.8 +0.1 |
| T56A | Rocky Mt bazz=170,SNR=12 | 59.99 | 351 | P | P | 09 48 37.8 +0.2 |
| SLBS | Sierra La Lagu | 60.01 | 318 | I | Amb | 09 48 38.6 +0.6 |
| WLAR | White Oak Lake X43A | 60.02 | 338 | P | P | 09 48 38.3 +0.5 |
| X43A | Marvell bazz=158,SNR=12 | 60.05 | 340 | P | P | 09 48 37.7 -0.3 |
| V48A | Smith Brothers TZTN | 60.07 | 345 | P | P | 09 48 38.4 +0.4 |
| TZTN | Tazewell bazz=166 | 60.12 | 348 | P | P | 09 48 37.5 -0.6 |
| TZTN | Tazewell | 60.12 | 348 | I | Amb | 09 48 38.0 -0.4 |
| WHTX | Lake Whitney, bazz=153,SNR=14 | 60.16 | 333 | P | P | 09 48 38.2 -0.2 |
| T55A | Pulaski bazz=169,SNR=14 | 60.19 | 350 | P | P | 09 48 39.0 +0.2 |
| BLA | Blacksburg bazz=169,SNR=5.9 | 60.23 | 351 | P | P | 09 48 39.3 +0.3 |
| BLA | Blacksburg | 60.23 | 351 | P | P | 09 48 39.1 -0.1 |
| BLA | Blacksburg | 60.23 | 351 | P | P | 09 48 39.8 +0.6 |
| BLA | Blacksburg | 60.23 | 351 | P | P | 09 48 39.8 +0.6 |
| BLA | Blacksburg | 60.23 | 351 | I | Amb | 09 48 41.2 |
| S60A | Water View bazz=173 | 60.26 | 354 | P | P | 09 48 39.3 0.0 |
| T54A | Tazewell bazz=168,SNR=7.3 | 60.26 | 350 | P | P | 09 48 39.3 -0.2 |
| CLTN | Cedars of Leba S58A | 60.29 | 345 | P | P | 09 48 39.3 -0.3 |
| S58A | Poland Farm, P bazz=172,SNR=8.9 | 60.31 | 353 | P | P | 09 48 40.1 +0.4 |
| S58A | Poland Farm, P | 60.31 | 353 | P | P | 09 48 39.7 0.0 |
| S58A | Poland Farm, P | 60.31 | 353 | I | Amb | 09 48 41.7 |
| Z38A | Mt. Pleasant T53A | 60.31 | 336 | P | P | 09 48 40.2 +0.4 |
| T53A | Wisconsin | 60.35 | 349 | P | P | 09 48 39.6 -0.5 |
| S59A | Metcalfville bazz=173 | 60.37 | 354 | P | P | 09 48 40.6 +0.5 |
| S56A | Natural Bridge bazz=170,SNR=8.7 | 60.56 | 352 | P | P | 09 48 41.7 +0.3 |
| U49A | Red Boiling Sp comp=Z,19nm,0.7s | 60.56 | 346 | I | Amb | 09 48 41.8 |
| S57A | Dark Hollow, R bazz=171,SNR=14 | 60.56 | 352 | P | P | 09 48 41.9 +0.5 |
| S57A | Dark Hollow, R | 60.56 | 352 | P | P | 09 48 41.7 +0.2 |
| S57A | Dark Hollow, R | 60.56 | 352 | P | P | 09 48 42.3 +0.4 |
| X40A | Basin Creek Fa bazz=156 | 60.63 | 339 | P | P | 09 48 42.0 -0.1 |
| WVT | Waverly bazz=162 | 60.70 | 344 | P | P | 09 48 41.6 -0.8 |
| WVT | Waverly | 60.70 | 344 | P | P | 09 48 41.4 -1.0 |
| WVT | Waverly | 60.70 | 344 | P | P | 09 48 41.4 -1.0 |
| WVT | Waverly | 60.70 | 344 | P | P | 09 48 41.4 -1.0 |
| WVT | Waverly | 60.70 | 344 | I | Amb | 09 48 41.4 -1.0 |
| UALR | University of comp=Z,38nm,0.9s | 60.79 | 351 | P | P | 09 48 44.3 +0.3 |
| S55A | Lewisburg bazz=169,SNR=11 | 60.79 | 354 | P | P | 09 48 43.7 +0.7 |
| R59A | Kings Gap, V bazz=173,SNR=8.5 | 60.79 | 354 | P | P | 09 48 43.7 +0.7 |
| TXAR | Lajitas Array comp=Z,11nm,0.7s,bazz=148,slow=7.7,SNR=120 | 60.79 | 327 | P | P | 09 48 43.9 +0.6 |
| TXAR | Lajitas Array | 60.79 | 327 | | | |

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|-------|---------------------------------|-----------|------|------|-----------------|
| M53A | WI Miller and comp=2.49nm,1.1s | 64.41 351 | Iamb | Iamb | 09 49 08.4 |
| AMTX | Amarillo baz=148 | 64.45 332 | P | P | 09 49 07.8 +0.3 |
| L58A | Harry Jones Me baz=174,SNR=5.4 | 64.50 355 | P | P | 09 49 08.2 +0.6 |
| L57A | Andrews Acres baz=173 | 64.53 355 | P | P | 09 49 08.7 +0.9 |
| HSIG | comp=Z,50nm,1.3s | 64.54 321 | Iamb | Iamb | 09 49 11.5 |
| SFIN | Lafayette baz=163 | 64.56 346 | P | P | 09 49 07.2 -0.8 |
| L59A | Watton baz=175,SNR=6.7 | 64.59 356 | P | P | 09 49 08.9 +0.7 |
| U32A | Winter Ranch, comp=Z,51nm,1.1s | 64.61 335 | Iamb | Iamb | 09 49 10.2 |
| BINY | Binghamton baz=174 | 64.66 355 | P | P | 09 49 09.3 +0.6 |
| BINY | Binghamton comp=Z,51nm,1.1s | 64.66 355 | Iamb | Iamb | 09 49 09.3 +0.6 |
| L56A | Greenwood baz=173 | 64.73 354 | P | P | 09 49 09.7 +0.5 |
| KS20 | Mayfield South | 64.80 336 | P | P | 09 49 09.5 -0.1 |
| KS20 | comp=Z,56nm,1.0s | 64.80 336 | Iamb | Iamb | 09 49 11.3 |
| KAN01 | Argonia South | 64.80 336 | P | P | 09 49 09.9 +0.2 |
| KAN05 | Bluff City Nor | 64.81 336 | P | P | 09 49 09.9 +0.2 |
| KAN08 | Anthony NE Sta | 64.85 336 | P | P | 09 49 11.1 +0.4 |
| KS1A | Williamstown baz=177 | 64.97 358 | P | P | 09 49 11.2 +0.6 |
| ERPA | Erie baz=170 | 64.99 352 | P | P | 09 49 10.7 0.0 |
| P40A | Paris comp=Z,31nm,0.8s | 65.04 342 | Iamb | Iamb | 09 49 12.3 |
| TRY | Troy comp=Z,54nm,1.1s | 65.05 357 | Iamb | Iamb | 09 49 13.7 |
| KS9A | Cooperstown baz=175 | 65.16 356 | P | P | 09 49 12.1 +0.2 |
| KS8A | Earville baz=175 | 65.20 356 | P | P | 09 49 12.4 +0.3 |
| KS8A | Earville comp=Z,41nm,1.0s | 65.20 356 | Iamb | Iamb | 09 49 11.3 -0.8 |
| KS5A | comp=Z,41nm,1.0s | 65.23 355 | P | P | 09 49 12.7 +0.3 |
| KS7A | Scipio Center baz=174 | 65.23 355 | P | P | 09 49 12.7 +0.3 |
| HDIL | Hopedale baz=161 | 65.25 344 | P | P | 09 49 11.3 -1.2 |
| HDIL | Hopedale comp=Z,45nm,1.1s | 65.25 344 | Iamb | Iamb | 09 49 11.4 -1.1 |
| HDIL | comp=Z,29nm,0.8s | 65.27 354 | P | P | 09 49 13.1 +0.5 |
| KS6A | Middlesex baz=173 | 65.47 326 | P | P | 09 49 16.0 +1.7 |
| 121A | Cookes Peak, D baz=142,SNR=13 | 65.47 326 | Iamb | Iamb | 09 49 17.9 |
| 121A | Cookes Peak, D comp=Z,44nm,1.1s | 65.47 326 | Iamb | Iamb | 09 49 17.9 |
| P38A | Dawn | 65.58 340 | Iamb | Iamb | 09 49 15.4 |
| P38A | comp=Z,31nm,0.7s | 65.58 340 | Iamb | Iamb | 09 49 15.4 |
| J56A | Wolcott baz=173 | 65.80 355 | P | P | 09 49 15.9 -0.1 |
| N41A | Harden Midland comp=Z,45nm,0.9s | 65.80 343 | Iamb | Iamb | 09 49 16.8 |
| J59A | Plesco baz=176 | 65.82 357 | P | P | 09 49 16.8 +0.6 |
| J57A | Williamstown baz=174 | 65.86 355 | P | P | 09 49 16.6 +0.2 |
| KS0A | Casco comp=Z,57nm,1.0s | 66.01 350 | Iamb | Iamb | 09 49 17.9 |
| 158A | Old Forge baz=175 | 66.08 356 | P | P | 09 49 18.3 +0.5 |
| KSU1 | Kansas State U baz=154,SNR=9.4 | 66.11 338 | P | P | 09 49 17.6 -0.6 |
| KSU1 | Kansas State U comp=Z,28nm,0.9s | 66.11 338 | Iamb | Iamb | 09 49 19.3 |
| 159A | Olmsteadville baz=176 | 66.12 357 | P | P | 09 49 18.6 +0.6 |
| 160A | Shoreham baz=178 | 66.15 358 | P | P | 09 49 18.9 +0.7 |
| 161A | Ororobo, Fair baz=178 | 66.20 358 | P | P | 09 49 19.8 +1.3 |
| Y22D | IRIS PASCALL I baz=144 | 66.24 327 | P | P | 09 49 21.4 +2.1 |
| R32A | Long Quarter, comp=Z,46nm,1.1s | 66.28 336 | Iamb | Iamb | 09 49 21.1 |
| 157A | Carthage baz=175 | 66.37 356 | P | P | 09 49 19.2 -0.5 |
| LBNH | Lisbon comp=Z,45nm,1.1s | 66.50 359 | P | P | 09 49 21.9 +2.4 |
| LBNH | Lisbon | 66.50 359 | P | P | 09 49 22.9 +2.4 |
| LBNH | comp=Z,45nm,1.1s | 66.50 359 | Iamb | Iamb | 09 49 23.3 |
| ANMO | Albuquerque baz=144 | 66.71 328 | P | P | 09 49 23.9 +1.6 |
| ANMO | Albuquerque | 66.71 328 | eP | eP | 09 49 22.8 +0.5 |
| ANMO | comp=Z,70nm,1.7s | 66.71 328 | P | P | 09 49 23.6 +1.3 |
| ANMO | comp=Z,32nm,0.8s | 66.71 328 | Iamb | Iamb | 09 49 25.3 |
| H58A | Gabriels baz=176 | 66.76 357 | P | P | 09 49 22.7 +0.5 |
| H61A | Lyndonville baz=178 | 66.80 359 | P | P | 09 49 23.8 +1.5 |
| H60A | Morristown baz=178 | 66.84 358 | P | P | 09 49 24.0 +1.4 |
| H57A | Richville baz=175,SNR=5.3 | 66.87 356 | P | P | 09 49 23.2 +0.4 |
| H63A | New Sharon baz=180 | 66.91 0 | P | P | 09 49 23.4 +0.4 |
| TUC | Tucson baz=139 | 66.91 323 | P | P | 09 49 25.0 +1.5 |
| TUC | Tucson | 66.91 323 | P | P | 09 49 25.0 +1.5 |
| TUC | comp=Z,34nm,1.0s | 66.91 323 | P | P | 09 49 25.0 +1.5 |
| TUC | comp=Z,34nm,1.0s | 66.91 323 | Iamb | Iamb | 09 49 26.8 |
| H59A | Cadyville baz=177,SNR=5.4 | 66.96 357 | P | P | 09 49 24.0 +0.6 |
| H65A | Eastbrook baz=182 | 66.97 2 | P | P | 09 49 24.4 +1.0 |
| LONY | Lake Ozonia baz=176 | 66.98 357 | P | P | 09 49 24.1 +0.6 |
| CBKS | Cedar Bluff baz=151,SNR=13 | 67.01 335 | P | P | 09 49 24.2 +0.3 |
| H66A | Whiting baz=183 | 67.09 2 | P | P | 09 49 25.1 +1.0 |
| FRNY | Flat Rock comp=Z,60nm,1.3s | 67.15 357 | Iamb | Iamb | 09 49 26.9 |
| H63A | Bobcaygeon baz=172 | 67.25 354 | P | P | 09 49 25.3 +0.1 |
| G63A | Kingsbury baz=181 | 67.36 1 | P | P | 09 49 26.5 +0.6 |
| G60A | Masonville baz=178 | 67.37 358 | P | P | 09 49 27.2 +1.3 |
| G62A | West of Eustis baz=180,SNR=9.3 | 67.46 360 | P | P | 09 49 27.8 +1.2 |
| G57A | Newington baz=178 | 67.48 356 | P | P | 09 49 27.3 +0.6 |
| G65A | Princeton baz=183 | 67.49 2 | P | P | 09 49 27.9 +1.2 |
| G65A | Princeton | 67.49 2 | P | P | 09 49 28.2 +1.5 |
| G65A | comp=Z,54nm,0.9s | 67.49 2 | Iamb | Iamb | 09 49 29.6 |
| SADO | Sadowa comp=Z,39nm,1.0s | 67.50 353 | Iamb | Iamb | 09 49 28.1 |
| G64A | Maxfield baz=182 | 67.51 1 | P | P | 09 49 27.9 +1.1 |
| PKME | Peaks-Kenny Pk baz=181 | 67.52 1 | P | P | 09 49 27.8 +1.0 |
| G61A | St-Isidore-de-baz=179 | 67.54 359 | P | P | 09 49 28.2 +1.1 |
| T25A | Trinidad baz=146,SNR=18 | 67.54 331 | P | P | 09 49 28.6 +1.1 |
| T25A | Trinidad | 67.54 331 | Iamb | Iamb | 09 49 30.4 |
| SCIA | State Center comp=Z,26nm,0.9s | 67.57 342 | P | P | 09 49 27.3 0.0 |
| SCIA | State Center baz=157 | 67.57 342 | Iamb | Iamb | 09 49 28.7 |
| QSPA | South Pole Qui comp=Z,54nm,0.9s | 67.62 180 | P | P | 09 49 28.1 +0.5 |
| JFW5 | Jewell Farm baz=160,SNR=9.1 | 67.71 344 | P | P | 09 49 27.7 -0.5 |
| 214A | Organ Pipe Nat | 67.79 322 | P | P | 09 49 30.9 +1.9 |

| | | | | | |
|-------|----------------------------------------------------|------------|------|------|-----------------|
| 214A | baz=138,SNR=5.9 | 67.79 322 | Iamb | Iamb | 09 49 32.6 |
| PIX | Organ Pipe Nat comp=Z,44nm,0.9s | 67.79 322 | Iamb | Iamb | 09 49 31.7 |
| F63A | Pinacate baz=171,SNR=1.2s | 67.87 321 | P | P | 09 49 30.8 +1.1 |
| F63A | Nahmakata, Br baz=181 | 67.96 1 | Iamb | Iamb | 09 49 30.8 +1.1 |
| G54A | Lake Saint Pet baz=171 | 68.02 354 | P | P | 09 49 30.2 +0.2 |
| TAOE | Nuku Hiva Isla comp=Z,50nm,27.2s | 68.11 269 | eLR | LR | 10 10 10.5 |
| K38A | Parkersburg comp=Z,39nm,0.9s | 68.13 342 | Iamb | Iamb | 09 49 31.8 |
| F64A | Sherman baz=182,SNR=10 | 68.13 1 | P | P | 09 49 31.4 +0.7 |
| F64A | Sherman | 68.13 1 | P | P | 09 49 31.9 +1.2 |
| F61A | St Evariste baz=178 | 68.22 359 | P | P | 09 49 31.9 +0.6 |
| F60A | Warwick baz=178 | 68.23 359 | P | P | 09 49 31.7 +0.4 |
| LMN | Caledonia Moun comp=Z,50nm,0.8s | 68.28 4 | Iamb | Iamb | 09 49 33.6 |
| I42A | Drager Farm comp=Z,42nm,0.7s | 68.31 346 | Iamb | Iamb | 09 49 32.9 |
| SFX | San Felipe comp=Z,33nm,0.7s | 68.32 320 | Iamb | Iamb | 09 49 34.4 |
| KSCO | Kaye Sheddock comp=Z,141,SNR=1.2 | 68.34 333 | P | P | 09 49 33.2 +0.8 |
| KSCO | Kaye Sheddock | 68.34 333 | Iamb | Iamb | 09 49 34.9 |
| W18A | Petrified Rock comp=Z,50nm,0.9s | 68.50 326 | P | P | 09 49 34.5 +1.0 |
| SDCO | Great Sand Dun baz=145,SNR=6.7 | 68.53 331 | P | P | 09 49 35.0 +1.2 |
| SDCO | Great Sand Dun comp=Z,51nm,0.9s | 68.53 331 | Iamb | Iamb | 09 49 36.9 |
| ALGO | Algonquin Park baz=172 | 68.56 354 | P | P | 09 49 33.4 0.0 |
| E60A | Ste Agathe de baz=179 | 68.62 359 | P | P | 09 49 34.2 +0.4 |
| E58A | La Victoria baz=177,SNR=7.8 | 68.67 358 | P | P | 09 49 34.5 +0.4 |
| E61A | Lac Etchemin baz=180 | 68.68 360 | P | P | 09 49 34.7 +0.6 |
| SPX | San Pedro Mart baz=180 | 68.69 319 | P | P | 09 49 34.4 -0.6 |
| E63A | Oxbow baz=182,SNR=8.0 | 68.69 1 | P | P | 09 49 34.7 +0.5 |
| E63A | Oxbow | 68.69 1 | P | P | 09 49 34.0 -0.1 |
| E63A | comp=Z,45nm,0.8s | 68.70 2 | P | P | 09 49 36.6 |
| E64A | Bridgewater baz=182,SNR=6.0 | 68.70 2 | P | P | 09 49 34.8 +0.6 |
| BGNE | Belgrade baz=152,SNR=20 | 68.70 338 | P | P | 09 49 34.7 +0.2 |
| E57A | Chemain Saint G baz=176 | 68.75 357 | P | P | 09 49 34.8 +0.2 |
| X16A | Lo Mia Camp, P comp=Z,36nm,0.9s | 68.86 324 | Iamb | Iamb | 09 49 39.5 |
| E62A | Clayton Lake baz=181,SNR=13 | 68.87 1 | P | P | 09 49 36.4 +1.1 |
| E55A | Montcer-Lyto baz=174 | 68.90 356 | P | P | 09 49 35.7 +0.2 |
| E56A | St. Veronique baz=175,SNR=5.6 | 68.92 356 | P | P | 09 49 35.8 +0.1 |
| PQI | Presque Isle | 68.95 2 | P | P | 09 49 37.2 +1.4 |
| PQI | comp=Z,50nm,0.8s | 68.95 2 | Iamb | Iamb | 09 49 38.1 |
| S22A | 4UR Ranch, Cre baz=143,SNR=1.9 | 69.14 330 | P | P | 09 49 38.8 +1.2 |
| D60A | Saint Jean D'O baz=179,SNR=5.7 | 69.16 360 | P | P | 09 49 38.1 +1.0 |
| D63A | Stockholm baz=182,SNR=7.4 | 69.31 2 | P | P | 09 49 38.9 +0.8 |
| D62A | Allapoint, All baz=181 | 69.34 1 | P | P | 09 49 38.9 +0.7 |
| Q24A | Divide baz=146,SNR=24 | 69.38 332 | P | P | 09 49 40.2 +1.2 |
| Q24A | Divide | 69.38 332 | Iamb | Iamb | 09 49 41.9 |
| D58A | Chemin du LacG baz=178,SNR=8.6 | 69.38 358 | P | P | 09 49 38.8 +0.3 |
| D56A | ZEC Maranza, M baz=176 | 69.41 357 | P | P | 09 49 38.9 +0.2 |
| D55A | Sainte-Anne-du baz=175,SNR=9.2 | 69.42 356 | P | P | 09 49 38.7 -0.1 |
| D61A | St Aubert, Com baz=142,SNR=4.1 | 69.45 0 | P | P | 09 49 39.6 +0.8 |
| MVCO | Mesa Verde comp=Z,53nm,0.8s | 69.51 328 | P | P | 09 49 41.1 +1.3 |
| MVCO | Mesa Verde | 69.51 328 | Iamb | Iamb | 09 49 42.9 |
| I37A | Lemond, Waseca comp=Z,36nm,0.8s | 69.57 342 | Iamb | Iamb | 09 49 40.8 |
| BATG | Bathurst New B comp=Z,46nm,0.9s | 69.63 3 | Iamb | Iamb | 09 49 42.3 |
| WUAZ | Wupatki baz=140,SNR=64 | 69.66 325 | P | P | 09 49 42.6 +1.9 |
| LATQ | La Tuque baz=178,SNR=5.3 | 69.67 358 | P | P | 09 49 40.6 +0.4 |
| OGNE | Ogalla baz=149,SNR=5.9 | 69.74 335 | P | P | 09 49 41.7 +0.7 |
| OGNE | Ogalla | 69.74 335 | Iamb | Iamb | 09 49 43.4 |
| GLA | Glamis comp=Z,39nm,0.9s | 69.75 321 | P | P | 09 49 42.0 +0.9 |
| LIC | Lamto baz=136,SNR=5.5 | 69.92 74 | eP | eP | 09 49 40.7 -1.8 |
| TIC | Toumoudi baz=129,SNR=0.8s | 70.11 74 | eP | eP | 09 49 42.9 -0.9 |
| IKP | In-Ko-Pah, Jaz baz=135,SNR=6.9 | 70.21 320 | P | P | 09 49 45.7 +1.7 |
| KIC | Kosan Boka | 70.23 74 | eP | eP | 09 49 43.5 -1.0 |
| SWSC | Sam W. Stewart | 70.24 320 | P | P | 09 49 46.0 +1.9 |
| PDMC | Parker Dam,Lak baz=137,SNR=8.1 | 70.27 322 | P | P | 09 49 45.8 +1.6 |
| DBIC | Dimboko comp=Z,5.1nm,0.8s,baz=210,slow=7.4,SNR=7.4 | 70.27 74 | P | P | 09 49 43.8 -0.9 |
| DBIC | comp=Z,22nm,0.7s,baz=218,slow=5.9,SNR=15 | 70.27 74 | eP | eP | 09 50 01.9 +0.6 |
| DBIC | LR | 10 21 10.5 | LR | LR | |
| DBIC | comp=Z,96nm,18.6s,baz=225,slow=36 | 70.27 74 | P | P | 09 49 43.7 -1.0 |
| DBIC | LR | 09 50 02.9 | Iamb | Iamb | |
| ISCO | Idaho Springs comp=Z,34nm,0.9s | 70.27 332 | P | P | 09 49 45.6 +1.1 |
| ECSD | EROS Data Cent baz=154,SNR=24 | 70.27 340 | P | P | 09 49 44.0 -0.1 |
| ECSD | EROS Data Cent | 70.27 340 | Iamb | Iamb | 09 49 45.5 |
| E43A | Lone Tree Farm comp=Z,36nm,1.1s | 70.27 348 | Iamb | Iamb | 09 49 44.8 |
| PV01 | Paradox Valley comp=Z,33nm,0.8s | 70.28 329 | Iamb | Iamb | 09 49 47.9 |
| SMCO | Snowmass comp=Z,41nm,1.1s | 70.37 330 | Iamb | Iamb | 09 49 48.5 |
| PV15 | Paradox Valley comp=Z,37nm,0.8s | 70.40 329 | Iamb | Iamb | 09 49 49.5 |
| PV02 | Paradox Valley comp=Z,39nm,0.9s | 70.42 329 | Iamb | Iamb | 09 49 48.6 |
| PV13 | Radium Mtn., P comp=Z,52nm,1.1s | 70.42 329 | Iamb | Iamb | 09 49 48.5 |
| PV05 | Paradox Valley comp=Z,39nm,0.9s | 70.49 328 | Iamb | Iamb | 09 49 48.7 |
| SPMN | Marine on St. baz=158,SNR=10 | 70.53 343 | P | P | 09 49 45.1 -0.4 |
| SPMN | Marine on St. | 70.53 343 | Iamb | Iamb | 09 49 46.5 |
| BC3 | Big Chuckawalla comp=Z,34nm,1.0s | 70.55 321 | P | P | 09 49 47.8 +1.7 |
| BAR | Barrett baz=136,SNR=34 | 70.57 320 | P | P | 09 49 47.8 +1.6 |
| BAR | comp=Z,34nm,0.9s | 70.57 320 | Iamb | Iamb | 09 49 49.5 |
| MONP2 | Monument Peak baz=135,SNR=13 | 70.57 320 | P | P | 09 49 48.0 +1.6 |
| VLDO | Vai d'Or comp=Z,31nm,0.9s | 70.65 355 | Iamb | Iamb | 09 49 48.0 |
| PV10 | Paradox Valley comp=Z,38nm,0.9s | 70.69 329 | Iamb | Iamb | 09 49 49.6 |
| W13A | Hualapai Moun comp=Z,29nm | | | | |

Table with columns: RLMT, Red Lodge, 76.16 333 P, P, 09 50 20.0 +1.0, etc. Lists various locations and their associated data.

Table with columns: H11S1, WAKE ISLAND Hy26.74 277 T, T, 12 17 16.7, etc. Lists various locations and their associated data.

Table with columns: USRK, comp=2.17nm,0.7s,baz=38,slow=0.7,SNR=30, etc. Lists various locations and their associated data.

BUIJ 03 09:56:53.1±0.0,5:48N;126:68E,h92km,mB5.3/35, mB4.8/46, etc. Contains specific location data and coordinates.

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

| | | | | | | | |
|-------|-------------------------------------------|-------|-----|------|------|------------|------|
| OBIP | comp=Z,108nm,0.8s | 22.49 | 26 | P | P | 13 04 14.0 | -0.5 |
| MALB | Monte Alegre | 22.56 | 90 | eP | P | 13 04 15.3 | +0.1 |
| CLDB | Colider | 22.59 | 113 | eP | P | 13 04 14.4 | -1.7 |
| CLDB | Colider | 22.70 | 270 | eP | P | 13 06 09.2 | -1.7 |
| AOPR | Arecibo Observ | 22.70 | 270 | P | P | 13 04 15.2 | +1.3 |
| PDRP | Patillas Dam, | 22.73 | 28 | P | P | 13 04 15.3 | -1.4 |
| PDRP | Patillas Dam, | | | IAmb | IAmb | 13 04 18.3 | |
| SJG | comp=Z,142nm,1.1s | 22.76 | 27 | P | P | 13 04 16.6 | -0.3 |
| SJG | San Juan | 22.76 | 201 | eP | P | 13 04 16.6 | -0.3 |
| SJG | San Juan | 22.76 | 27 | eP | P | 13 04 15.8 | -1.1 |
| SJG | San Juan | 22.76 | 27 | eP | P | 13 04 16.0 | -1.0 |
| SJG | | | | pmax | pmax | | |
| SJG | comp=Z,184nm,0.8s | 22.76 | 27 | P | P | 13 04 15.9 | -1.0 |
| SJG | San Juan | 22.76 | 27 | eP | P | 13 04 16.0 | -2.3 |
| FDJ | Fort de France | 22.89 | 42 | P | P | 13 04 16.0 | -2.3 |
| FDJ | Fort de France | | | pmax | pmax | | |
| FDJ | comp=Z,72nm,0.9s | 22.89 | 42 | P | P | 13 04 16.0 | -2.3 |
| FDJ | Fort de France | | | IAmb | IAmb | 13 04 51.9 | |
| HUMP | comp=Z,72nm,0.9s | 22.92 | 28 | P | P | 13 04 17.1 | -1.4 |
| HUMP | Col San Antoni | | | IAmb | IAmb | 13 04 18.6 | |
| PETF | comp=Z,113nm,1.1s | 22.93 | 326 | P | P | 13 04 19.4 | +0.8 |
| PETF | Flores | | | IAmb | IAmb | 13 04 22.1 | |
| GOPR | comp=Z,204nm,1.1s | 22.96 | 27 | P | P | 13 04 18.0 | -0.8 |
| GOPR | Guaynabo City | 22.96 | 27 | eP | P | 13 04 18.0 | -0.8 |
| MTYP | Monte Pirata | 23.02 | 28 | eP | P | 13 04 19.9 | -1.4 |
| MTYP | Monte Pirata | | | IAmb | IAmb | 13 04 19.9 | |
| CBYP | comp=Z,80nm,0.9s | 23.03 | 28 | P | P | 13 04 17.4 | -2.2 |
| CBYP | Canovanas | | | IAmb | IAmb | 13 04 20.6 | |
| PB14 | comp=Z,246nm,1.4s | 23.15 | 165 | P | P | 13 04 22.9 | +2.0 |
| PB14 | IPOC Station P | | | IAmb | IAmb | 13 04 25.9 | |
| CCIG | comp=Z,144nm,0.9s | 23.78 | 321 | P | P | 13 04 27.3 | +0.7 |
| SKI | Comitan | 23.87 | 35 | P | P | 13 04 27.9 | -0.3 |
| SKI | Saint Kitts | | | pmax | pmax | | |
| SKI | comp=Z,17um,1.6s | 23.87 | 35 | P | P | 13 04 26.9 | -0.3 |
| GO02 | Saint Kitts | 23.88 | 164 | eP | P | 13 04 30.2 | +2.7 |
| AC01 | Pan de Azucar | 24.56 | 166 | P | P | 13 04 34.7 | +1.3 |
| AC01 | Pan de Azucar | | | IAmb | IAmb | 13 04 36.3 | |
| MCPB | comp=Z,90nm,0.8s | 24.84 | 86 | eP | P | 13 04 36.2 | +0.2 |
| MCPB | Macapa, AP | | | S | S | 13 08 46.4 | -1.2 |
| TEIG | Tejich | 24.95 | 334 | eP | P | 13 04 36.2 | +0.2 |
| TEIG | Tejich | 24.95 | 334 | eP | P | 13 04 36.7 | +0.2 |
| TEIG | Tejich | | | IAmb | IAmb | 13 04 38.7 | |
| MDP | comp=Z,96nm,0.7s | 25.23 | 73 | P | P | 13 04 38.8 | -0.8 |
| MDP | Motagnes des | | | P | P | 13 04 45.3 | +2.1 |
| AC02 | comp=Z,23nm,0.3s,baz=293,slow=9,1,SNR=40 | 25.59 | 164 | P | P | 13 04 48.4 | +1.7 |
| GO03 | Maricunga | 26.04 | 167 | P | P | 13 04 49.9 | |
| GO03 | Copiap | | | IAmb | IAmb | 13 04 48.6 | +0.7 |
| CMIG | comp=Z,58nm,1.0s | 26.16 | 318 | P | P | 13 04 52.1 | +1.7 |
| CMIG | Mattias Romero | 26.16 | 318 | P | P | 13 04 52.1 | +1.7 |
| PP1B | comp=Z,21nm,0.7s,baz=98,slow=5,7,SNR=19 | 26.44 | 127 | eP | P | 13 04 52.3 | +2.0 |
| AC04 | Ponte de Pedra | 26.45 | 169 | P | P | 13 05 14.8 | |
| AC04 | Llanos de Chal | | | IAmb | IAmb | 13 05 14.8 | |
| SNDB | comp=Z,94nm,0.8s | 27.11 | 112 | eP | P | 13 04 57.0 | +0.5 |
| AC05 | Serra Nova Dou | 27.22 | 167 | P | P | 13 04 59.5 | +2.0 |
| PRPB | El Transito | 27.23 | 99 | eP | P | 13 04 58.0 | +0.4 |
| PRPB | Parauapebas | 27.23 | 99 | eP | P | 13 05 00.2 | +1.9 |
| LCO | Las Campanas | 27.30 | 168 | P | P | 13 05 00.2 | +1.9 |
| LCO | Las Campanas | | | pmax | pmax | | |
| ARAG | comp=Z,100nm,0.8s | 27.30 | 168 | P | P | 13 05 00.2 | +1.9 |
| ARAG | Las Campanas | | | P | P | 13 05 05.6 | +0.6 |
| ARAG | Araguaiana, MT | 28.07 | 120 | eP | P | 13 05 09.9 | +2.2 |
| CO01 | Juntas del Tor | 28.36 | 168 | P | P | 13 05 33.8 | |
| CO01 | Juntas del Tor | | | IAmb | IAmb | 13 05 33.8 | |
| TMAB | comp=Z,54nm,0.8s | 28.72 | 91 | eP | P | 13 05 12.3 | +1.5 |
| TLIG | Tom-Au,PA,Br | 29.06 | 313 | P | P | 13 05 15.2 | +1.4 |
| CO02 | Tiapa | 29.38 | 170 | eP | P | 13 05 18.8 | +2.2 |
| SMTB | Compbarbal | 29.84 | 104 | eP | P | 13 05 22.9 | +2.2 |
| ZONP | Santa Maria do | 30.19 | 166 | IAmb | IAmb | 13 05 27.5 | |
| ZONP | Zonda | | | IAmb | IAmb | 13 05 26.2 | +0.4 |
| CPUP | comp=Z,145nm,1.5s | 30.45 | 144 | P | P | 13 08 21.2 | -0.5 |
| CPUP | Villa Florida | | | P | P | 13 11 50.8 | +1.0 |
| CPUP | comp=Z,13nm,0.7s,baz=332,slow=9,9,SNR=21 | 30.45 | 144 | P | P | 13 05 26.0 | +0.1 |
| CPUP | comp=Z,4.3nm,1.1s,baz=45,slow=2,9,SNR=3.3 | 30.45 | 144 | P | P | 13 05 27.0 | +0.1 |
| CPUP | Villa Florida | | | IAmb | IAmb | 13 05 25.9 | 0.0 |
| CPUP | comp=Z,92nm,1.6s | 30.45 | 144 | eP | P | 13 05 25.9 | 0.0 |
| CPUP | Villa Florida | | | P | P | 13 05 25.9 | 0.0 |
| DWPF | Disney Wildern | 30.45 | 352 | P | P | 13 05 32.4 | +0.7 |
| TRCB | comp=Z,171nm,1.1s | 31.16 | 133 | eP | P | 13 05 33.2 | +0.7 |
| ITRB | Terra Rica | 31.19 | 126 | eP | P | 13 05 39.3 | |
| MT02 | Iturama | 31.36 | 171 | IAmb | IAmb | 13 05 35.4 | +1.0 |
| MT02 | Curacav | | | P | P | 13 05 35.4 | +1.0 |
| BDFB | comp=Z,48nm,1.0s | 31.39 | 117 | P | P | 13 11 54.3 | +1.0 |
| BDFB | Brasilia | | | ScP | ScP | 13 11 54.3 | +1.0 |
| BDFB | comp=Z,19nm,0.4s,baz=289,slow=11,SNR=24 | 31.39 | 117 | P | P | 13 05 35.1 | +0.7 |
| BDFB | Brasilia | | | IAmb | IAmb | 13 05 35.8 | |
| BDFB | Brasilia | 31.39 | 117 | P | P | 13 05 35.5 | +0.3 |
| PCMB | comp=Z,26nm,0.5s | 31.49 | 130 | eP | P | 13 05 41.2 | 0.0 |
| IPMB | Pacaembu | 32.17 | 121 | eP | P | 13 05 45.9 | +0.2 |
| IPMB | Ipameri, GO | 32.17 | 121 | eP | P | 13 05 45.9 | +0.2 |
| ROSB | Rosrio | 32.76 | 135 | eP | P | 13 05 52.1 | |
| PTGB | Pitangueiras | 32.76 | 135 | eP | P | 13 05 50.6 | +0.3 |
| BO02 | Sierra Bellavi | 32.92 | 171 | IAmb | IAmb | 13 05 50.6 | +0.3 |
| BO02 | Sierra Bellavi | | | P | P | 13 05 51.8 | +0.4 |
| SBDA | SAO DESIDERIO | 33.21 | 109 | eP | P | 13 05 54.2 | +0.6 |
| BB19B | Bebedouro | 33.35 | 126 | eP | P | 13 06 30.0 | +1.5 |
| IT0B | Itaqui | 33.40 | 147 | eP | P | 13 06 00.2 | +0.6 |
| FRTB | Fartura | 33.76 | 131 | eP | P | 13 06 34.0 | +0.6 |
| TIGA | Tifton | 34.06 | 300 | pP | pP | 13 06 32.0 | +1.5 |
| ITAB | comp=Z,111nm,1.2s | 34.35 | 139 | eP | P | 13 06 00.2 | +0.3 |
| 255A | Concordia | 34.35 | 351 | P | P | 13 06 00.3 | +0.5 |
| 352A | Hazlehurst | 34.36 | 348 | IAmb | IAmb | 13 06 00.3 | +0.4 |
| 352A | Blakely | | | IAmb | IAmb | 13 06 36.3 | +0.3 |
| JANB | comp=Z,111nm,1.2s | 34.53 | 114 | eP | P | 13 06 01.7 | 0.0 |
| BRAL | Januaría | 34.57 | 344 | P | P | 13 06 01.8 | 0.0 |
| BRAL | Brewton | | | P | P | 13 06 04.6 | +2.2 |
| BI03 | Tigo | 34.66 | 175 | P | P | 13 06 28.7 | |
| BI02 | San Fabin de | 34.68 | 172 | IAmb | IAmb | 13 06 00.2 | +0.3 |
| 157A | comp=Z,29nm,0.8s | 34.91 | 354 | pP | pP | 13 06 00.2 | +0.3 |
| 157A | Early Branch | | | P | P | 13 06 05.7 | -0.7 |
| 154A | Montrose | 35.12 | 351 | pP | pP | 13 06 42.5 | +1.7 |
| NHSC | New Hope | 35.25 | 355 | pP | pP | 13 06 10.1 | +1.7 |
| ZAIG | Zacatecas | 35.29 | 316 | P | P | 13 06 07.9 | -0.2 |
| Z59A | Georgetown, SC | 35.32 | 356 | P | P | 13 06 09.0 | -0.2 |
| Z58A | comp=Z,176nm,1.1s | 35.45 | 356 | P | P | 13 06 09.0 | -0.2 |
| Z58A | St. Stephen | | | P | P | 13 06 09.0 | -0.4 |
| 152A | Waverly Hall | 35.47 | 348 | P | P | 13 06 09.9 | +0.4 |
| 152A | Waverly Hall | | | IAmb | IAmb | 13 06 45.7 | |
| 357A | comp=Z,76nm,1.2s | 35.49 | 354 | P | P | 13 06 09.9 | +0.4 |
| 357A | Bowman | | | IAmb | IAmb | 13 06 10.8 | |
| 246A | comp=Z,173nm,1.1s | 35.49 | 341 | IAmb | IAmb | 13 06 09.8 | -0.3 |
| SPB | Big Creek Wild | 35.53 | 129 | P | P | 13 06 09.8 | -0.3 |
| SPB | Sao Paulo | | | IAmb | IAmb | 13 06 11.9 | 0.0 |
| SPB | comp=Z,42nm,0.9s | 35.53 | 129 | eP | P | 13 06 13.3 | -0.5 |
| VAO | Valinhos | 35.59 | 128 | eP | P | 13 06 13.3 | -0.5 |
| CPSB | Cacapava Do Su | 35.76 | 144 | eP | P | 13 06 13.3 | -0.5 |
| GOGA | Godfrey | 35.96 | 351 | P | P | 13 06 13.3 | -0.5 |
| GOGA | Godfrey | | | pmax | pmax | | |
| GOGA | comp=Z,55nm,1.2s | 35.96 | 351 | P | P | 13 06 13.3 | -0.3 |
| GOGA | Godfrey | | | IAmb | IAmb | 13 06 50.2 | |
| Y60A | comp=Z,55nm,1.1s | 36.03 | 358 | P | P | 13 06 13.7 | -0.4 |
| Y60A | Bolivia | | | P | P | 13 06 13.8 | -0.5 |
| PET01 | comp=Z,178nm,1.1s | 36.03 | 130 | eP | P | 13 06 13.8 | -0.5 |
| Y57A | Ilanhaem-SP | 36.17 | 355 | P | P | 13 06 14.0 | -0.7 |
| Y57A | Sunter | | | P | P | 13 06 14.0 | -0.7 |
| Y57A | Sunter | | | P | P | 13 06 14.0 | -0.7 |
| Z51A | Franklin | 36.19 | 348 | IAmb | IAmb | 13 06 15.9 | |
| Y55A | comp=Z,60nm,1.1s | 36.25 | 353 | P | P | 13 06 15.9 | -0.1 |
| Y55A | Saluda | | | P | P | 13 06 16.0 | -0.8 |
| LRAL | Lakeview Retre | 36.33 | 346 | P | P | 13 06 16.2 | -0.6 |
| LRAL | Lakeview Retre | | | IAmb | IAmb | 13 06 52.9 | |
| LRAL | Lakeview Retre | 36.33 | 346 | P | P | 13 06 17.7 | -0.5 |
| LRAL | Lakeview Retre | | | IAmb | IAmb | 13 06 54.8 | |
| BSCB | comp=Z,53nm,1.1s | 36.40 | 123 | eP | P | 13 06 17.9 | +0.3 |
| BSCB | Born Successo | | | IAmb | IAmb | 13 06 19.2 | |
| 342A | Flugon Creek P | 36.40 | 123 | eP | P | 13 06 17.7 | -0.5 |
| Y52A | comp=Z,113nm,1.2s | 36.51 | 350 | P | P | 13 06 18.3 | -0.7 |
| Y52A | Liburn | | | IAmb | IAmb | 13 06 18.5 | -0.5 |
| Y52A | Liburn | | | IAmb | IAmb | 13 06 18.5 | -0.5 |
| VBMS | comp=Z,51nm,1.2s | 36.60 | 340 | P | P | 13 06 18.5 | -0.5 |
| VBMS | Vicksburg | | | P | P | 13 06 18.5 | -0.5 |
| X59A | McDuffie Farm, | 36.61 | 358 | P | P | 13 06 18.9 | -0.8 |
| X59A | McDuffie Farm, | | | P | P | 13 06 19.3 | -0.6 |
| PLTB | Pedras Altas | 36.67 | 146 | eP | P | 13 06 20.0 | -0.2 |
| X56A | White Oak | 36.70 | 354 | P | P | 13 06 19.2 | -1.1 |
| X56A | White Oak | | | P | P | 13 06 20.0 | -0.2 |
| X55A | Gracelyn & Ava | 36.75 | 353 | P | P | 13 06 19.2 | -1.1 |
| HKT | Hockley | 36.76 | 332 | iP | pmax | 13 06 21.4 | +1.1 |
| HKT | Hockley | | | pmax | pmax | 13 06 20.5 | +0.6 |
| HKT | Hockley | 36.76 | 332 | P | P | 13 06 22.3 | +1.5 |
| Z47A | Carrollton | 36.77 | 344 | IAmb | IAmb | 13 06 21.3 | +0.1 |
| Z47A | Carrollton | | | IAmb | IAmb | 13 06 21.3 | +0.1 |
| LC01 | Comp=Z,70nm,1.1s | 36.81 | 174 | P | P | 13 06 20.8 | -1.5 |
| LC01 | Cunco | | | P | P | 13 06 58.1 | +1.7 |
| PARB | Paraibuna | 36.82 | 127 | eP | P | 13 06 23.4 | +0.3 |
| X54A | Belton | 36.91 | 352 | P | P | 13 06 23.5 | -0.3 |
| X54A | Belton | | | P | P | 13 06 24.2 | -0.4 |
| Y49A | Blount Mountai | 36.98 | 347 | pP | pP | 13 06 24.2 | -0.4 |
| W60A | Pink Hill | 37.00 | 359 | pP | pP | 13 06 25.5 | +0.6 |
| W60A | Pink Hill | | | P | P | 13 06 24.3 | -0.6 |
| W58A | Raeford | 37.09 | 357 | P | P | 13 07 01.6 | |
| W58A | Raeford | | | P | P | 13 0 | |

3d 12h

2014 DEC

| | | | | | |
|-------|-------------------------------------|-----------|-------|-------|-----------------|
| MCWV | Mont Chateau baz=175 | 41.74 357 | pP | pP | 13 07 38.0 +2.2 |
| U38A | Gravette comp=Z,718nm,1.4s | 41.77 339 | I Amb | I Amb | 13 07 01.6 |
| P60A | Greenlee baz=182 | 41.81 1 | pP | pP | 13 07 38.4 +2.0 |
| TUL1 | Leonard | 41.84 337 | P | P | 13 07 01.6 -0.8 |
| TUL1 | Leonard comp=Z,66nm,0.7s | 41.84 337 | I Amb | I Amb | 13 07 02.2 |
| PS2A | Corning baz=172 | 41.91 354 | P | P | 13 07 02.2 -0.8 |
| MVL | Millersville | 41.99 1 | P | P | 13 07 04.5 +1.0 |
| OLFL | Olney comp=Z,105nm,1.3s | 42.03 347 | I Amb | I Amb | 13 07 03.0 |
| OKFA | Oklahoma City | 42.10 335 | I Amb | I Amb | 13 07 04.7 |
| O58A | Lewisberry comp=Z,66nm,0.8s | 42.11 360 | P | P | 13 07 04.0 -0.6 |
| BLO | Bloomington comp=Z,47nm,0.7s | 42.12 349 | I Amb | I Amb | 13 07 03.5 |
| WMOK | Wichita Mounta baz=146 | 42.12 333 | P | P | 13 07 04.5 -0.4 |
| WMOK | Wichita Mounta | 42.12 333 | P | P | 13 07 04.4 -0.4 |
| WMOK | Wichita Mounta comp=Z,83nm,0.9s | 42.12 333 | P | P | 13 07 04.4 -0.4 |
| WMOK | Wichita Mounta | 42.12 333 | I Amb | I Amb | 13 07 05.6 |
| P49A | Miami Univ. Ec baz=168 | 42.15 351 | P | P | 13 07 02.9 -2.0 |
| P49A | Miami Univ. Ec comp=Z,94nm,1.1s | 42.15 335 | I Amb | I Amb | 13 07 40.8 |
| OK025 | Westminster Rd | 42.19 335 | P | P | 13 07 04.2 -1.1 |
| P48A | Milroy comp=Z,65nm,1.2s | 42.20 350 | I Amb | I Amb | 13 07 41.5 |
| CCM | Cathedral Cave baz=158 | 42.21 343 | P | P | 13 07 03.6 -1.8 |
| CCM | Cathedral Cave | 42.21 343 | P | P | 13 07 02.8 -2.6 |
| CCM | Cathedral Cave comp=Z,54nm,0.8s | 42.21 343 | P | P | 13 07 02.8 -2.6 |
| CCM | Cathedral Cave | 42.21 343 | I Amb | I Amb | 13 07 05.8 |
| O56A | Blue Knob Star baz=177 | 42.29 358 | pP | pP | 13 07 42.6 +2.3 |
| Q44A | Meyer Farm, Va comp=Z,75nm,0.9s | 42.43 346 | I Amb | I Amb | 13 07 06.0 |
| O53A | New Philadelphia | 42.43 355 | P | P | 13 07 06.9 -0.2 |
| QUOK | Quay comp=Z,119nm,1.0s | 42.43 336 | I Amb | I Amb | 13 07 07.5 |
| SLM | Saint Louis | 42.47 344 | I Amb | I Amb | 13 07 06.7 |
| S39A | Bolivar comp=Z,80nm,1.2s | 42.52 341 | I Amb | I Amb | 13 07 07.3 |
| ACSO | Alum Creek Star baz=171 | 42.59 353 | pP | pP | 13 07 43.8 +1.0 |
| R40A | Maddies Statio comp=Z,121nm,1.6s | 42.73 342 | I Amb | I Amb | 13 07 08.6 |
| N57A | Milroy baz=179 | 42.75 359 | pP | pP | 13 07 45.7 +1.7 |
| N61A | South Mountain baz=184 | 42.80 3 | pP | pP | 13 07 45.8 +1.3 |
| N58A | Sunbury baz=180 | 42.89 2 | pP | pP | 13 07 46.9 +2.2 |
| N60A | Cedar Hill Far baz=182 | 42.89 2 | P | P | 13 07 10.8 -0.1 |
| N59A | State Game Lan baz=181 | 42.92 1 | P | P | 13 07 11.1 0.0 |
| N56A | West Decatur baz=178 | 42.93 358 | P | P | 13 07 11.0 -0.2 |
| T35A | Sooner Cattle comp=Z,50nm,1.9s | 43.00 337 | I Amb | I Amb | 13 07 12.1 |
| N54A | Moraine State baz=175 | 43.05 356 | P | P | 13 07 11.9 -0.2 |
| P43A | Skaggs, Pawnee comp=Z,61nm,1.1s | 43.23 346 | I Amb | I Amb | 13 07 12.7 |
| MNTX | Cornudas Mount baz=136 | 43.25 324 | P | P | 13 07 14.5 +0.5 |
| M57A | Sunshine Farm, baz=179 | 43.33 360 | pP | pP | 13 07 51.3 +2.5 |
| M58A | Price's Panora baz=180 | 43.36 0 | pP | pP | 13 07 51.6 +2.5 |
| SFIN | Lafayette comp=Z,86nm,1.8s | 43.40 349 | I Amb | I Amb | 13 07 13.7 |
| O44A | Mansfield comp=Z,91nm,1.4s | 43.47 347 | I Amb | I Amb | 13 07 15.1 |
| MSTX | Muleshoe baz=140 | 43.48 328 | P | P | 13 07 16.0 +0.2 |
| M56A | Emporium baz=178 | 43.49 359 | I Amb | I Amb | 13 07 15.5 -0.2 |
| M56A | Emporium comp=Z,68nm,1.0s | 43.49 359 | I Amb | I Amb | 13 07 15.5 -0.2 |
| M59A | Waymart baz=182 | 43.55 2 | P | P | 13 07 16.2 0.0 |
| M53A | WI Miller and baz=174 | 43.57 356 | P | P | 13 07 16.1 -0.2 |
| M54A | Oil Creek Stat baz=176 | 43.57 357 | P | P | 13 07 15.9 -0.5 |
| O44A | Oil Creek Stat comp=Z,71nm,1.0s | 43.57 357 | I Amb | I Amb | 13 07 54.0 |
| M62A | Hamden baz=186 | 43.61 5 | P | P | 13 07 16.4 0.0 |
| M63A | Gales Ferry baz=187 | 43.61 5 | P | P | 13 07 16.1 -0.4 |
| N47A | Urbana comp=Z,117nm,1.1s | 43.62 350 | I Amb | I Amb | 13 07 53.2 |
| AMTX | Mayfield baz=142 | 43.63 330 | P | P | 13 07 17.5 +0.5 |
| K22A | Amarillo South comp=Z,92nm,1.0s | 43.69 336 | I Amb | I Amb | 13 07 17.9 |
| M50A | Fremont comp=Z,90nm,1.1s | 43.76 353 | I Amb | I Amb | 13 07 54.5 |
| P40A | Paris comp=Z,29nm,0.6s | 43.81 343 | I Amb | I Amb | 13 07 16.6 |
| L57A | Andrews Acres baz=181 | 43.99 360 | pP | pP | 13 07 55.4 +1.2 |
| L60A | Shokan baz=184 | 44.04 3 | pP | pP | 13 07 55.8 +1.2 |
| L58A | Harry Jones Me baz=181 | 44.04 1 | P | P | 13 07 19.5 -0.5 |
| HDIL | Hopedale comp=Z,64nm,0.6s | 44.04 346 | I Amb | I Amb | 13 07 18.3 |
| L53A | Girard baz=175 | 44.05 356 | P | P | 13 07 19.2 -0.9 |
| L53A | Greenwood baz=179 | 44.13 359 | pP | pP | 13 07 56.3 +1.7 |
| L56A | Greenwood | 44.13 359 | pP | pP | 13 07 57.2 +1.9 |
| BINY | Binghamton | 44.19 1 | P | P | 13 07 21.1 -0.2 |
| L59A | Walton baz=182 | 44.21 2 | pP | pP | 13 07 58.2 +2.2 |
| L61A | Hillsdale 1, H baz=182 | 44.28 3 | P | P | 13 07 21.4 -0.6 |
| K56A | Middlesex baz=179 | 44.69 359 | pP | pP | 13 08 01.9 +2.1 |
| K57A | Scipio Center baz=180 | 44.72 0 | P | P | 13 07 25.3 -0.2 |
| K58A | Earlville baz=182 | 44.76 1 | P | P | 13 07 25.2 -0.7 |
| K59A | Cooperstown baz=183 | 44.80 2 | pP | pP | 13 08 02.8 +2.1 |
| L46A | Eue Claire comp=Z,93nm,1.1s | 44.83 350 | I Amb | I Amb | 13 07 25.1 |
| K62A | Royalston baz=186 | 44.84 5 | pP | pP | 13 08 03.2 +2.1 |
| KSU1 | Kansas State U baz=182 | 44.94 338 | P | P | 13 07 26.1 -1.2 |
| J56A | Wolcott baz=180 | 45.26 360 | P | P | 13 07 28.8 -0.9 |
| 121A | Cookes Peak, D baz=134 | 45.28 322 | P | P | 13 07 31.6 +1.3 |
| L44A | Lake County Fo baz=164 | 45.29 348 | P | P | 13 07 29.4 -0.6 |
| J58A | Remsen baz=181 | 45.37 2 | P | P | 13 07 30.0 -0.5 |
| J57A | Williamstown baz=182 | 45.40 1 | pP | pP | 13 08 07.3 +1.8 |
| 319A | Douglas comp=Z,46nm,0.6s | 45.45 320 | I Amb | I Amb | 13 07 33.5 |
| J59A | Plesco baz=183 | 45.50 2 | P | P | 13 07 32.0 +0.3 |
| L42A | Oliver, Polo comp=Z,119nm,1.2s | 45.51 347 | I Amb | I Amb | 13 07 30.5 |
| I58A | Old Forge baz=182 | 45.71 2 | P | P | 13 07 33.0 -0.2 |

| | | | | | |
|------|-------------------------------------|-----------|-------|-------|-----------------|
| I59A | Olmsteadville baz=184 | 45.86 3 | P | P | 13 07 34.3 -0.1 |
| K43A | Burlington comp=Z,106nm,1.2s | 45.88 348 | I Amb | I Amb | 13 07 33.4 |
| I60A | Shoem baz=185 | 45.94 4 | pP | pP | 13 08 12.0 +2.3 |
| CBK5 | Cedar Bluff baz=147 | 45.94 335 | P | P | 13 07 35.4 +0.2 |
| I51A | Listowel baz=174 | 45.94 356 | pP | pP | 13 08 10.7 +0.9 |
| ANMO | Albuquerque baz=137 | 46.22 326 | P | P | 13 07 38.7 +1.1 |
| ANMO | Albuquerque ANMO | 46.22 326 | P | P | 13 07 38.6 +1.0 |
| ANMO | Albuquerque comp=Z,115nm,0.8s | 46.22 326 | P | P | 13 07 38.6 +1.0 |
| ANMO | Albuquerque SCIA | 46.34 343 | P | P | 13 07 36.3 -1.9 |
| LBNH | Lisbon baz=187 | 46.44 5 | P | P | 13 07 38.4 -0.5 |
| H58A | Gabriels baz=184 | 46.46 3 | P | P | 13 07 38.7 -0.4 |
| H57A | Richville baz=182 | 46.47 1 | P | P | 13 07 39.8 +0.7 |
| JFWS | Jewell Farm baz=161 | 46.50 346 | P | P | 13 07 37.4 -2.1 |
| JFWS | Jewell Farm comp=Z,80nm,0.8s | 46.50 346 | I Amb | I Amb | 13 07 38.5 |
| H53A | Bocbaygeon baz=177 | 46.59 358 | pP | pP | 13 08 16.6 +1.7 |
| LONY | Lake Ozonia baz=187 | 46.65 2 | pP | pP | 13 08 17.6 +2.1 |
| H59A | Cadyville baz=184 | 46.72 3 | P | P | 13 07 40.9 -0.2 |
| H61A | Lyndonville baz=187 | 46.73 5 | P | P | 13 07 41.6 +0.4 |
| T25A | Trinidad baz=140 | 46.77 329 | pP | pP | 13 08 19.4 +2.6 |
| K38A | Parkersburg comp=Z,130nm,1.3s | 46.90 344 | I Amb | I Amb | 13 07 41.3 |
| TUC | Tucso comp=Z,130nm,1.3s | 47.02 320 | P | P | 13 07 44.5 +0.7 |
| TUC | Tucso | 47.02 320 | P | P | 13 07 44.1 +0.3 |
| TUC | Tucso comp=Z,18nm,0.8s | 47.02 320 | P | P | 13 07 44.1 +0.3 |
| G57A | Newington baz=182 | 47.12 2 | pP | pP | 13 08 21.0 +1.9 |
| I42A | Draeger Farm, comp=Z,134nm,1.1s | 47.14 348 | I Amb | I Amb | 13 07 43.9 |
| G58A | Ormswin baz=184 | 47.20 3 | pP | pP | 13 08 22.0 +2.2 |
| G60A | Masonville baz=186 | 47.25 4 | pP | pP | 13 08 22.3 +2.1 |
| H65A | Eastbrook baz=193 | 47.31 8 | pP | pP | 13 08 22.7 +2.1 |
| KSCO | Kay Shedlock' baz=144 | 47.38 333 | P | P | 13 07 47.1 +0.6 |
| KSCO | Kay Shedlock' comp=Z,199nm,1.6s | 47.38 333 | I Amb | I Amb | 13 07 46.8 +0.3 |
| L34A | Spendsen Farm, L34A | 47.39 340 | P | P | 13 07 44.3 -2.1 |
| G54A | Lake Saint Pet baz=178 | 47.40 359 | P | P | 13 07 46.9 +0.6 |
| G61A | St-Isidore-de- baz=187 | 47.50 5 | P | P | 13 07 48.0 +0.8 |
| I40A | North comp=Z,52nm,1.0s | 47.52 346 | I Amb | I Amb | 13 07 46.5 |
| BGNE | Belgrade baz=150 | 47.53 338 | P | P | 13 07 46.9 -0.6 |
| G62A | West of Eustis baz=140 | 47.54 6 | P | P | 13 07 47.5 +0.1 |
| SDDC | Great Sand Dun baz=140 | 47.79 329 | P | P | 13 07 50.7 +0.8 |
| F58A | St-Lin Laurent baz=185 | 47.93 3 | pP | pP | 13 08 27.2 +1.8 |
| ALGO | Algonquin Park baz=178 | 47.95 359 | pP | pP | 13 08 27.1 +1.5 |
| F59A | Saint Guilaume baz=187 | 47.97 4 | P | P | 13 07 51.3 +0.5 |
| 214A | Orp Pipe Nat baz=128 | 48.13 318 | P | P | 13 07 53.6 +1.3 |
| F60A | Warwick baz=186 | 48.15 5 | P | P | 13 07 52.1 0.0 |
| W18A | Petrified Fore baz=193 | 48.24 323 | P | P | 13 07 54.8 +1.5 |
| E55A | Montcerf-Lyto baz=181 | 48.45 1 | pP | pP | 13 08 31.9 +2.4 |
| E57A | Chemin Saint G baz=185 | 48.46 2 | P | P | 13 07 53.4 -1.1 |
| E58A | La Victoria baz=185 | 48.46 3 | P | P | 13 07 54.7 +0.2 |
| S22A | 4UR Ranch, Cre baz=188 | 48.48 328 | P | P | 13 07 56.2 +1.0 |
| S22A | 4UR Ranch, Cre comp=Z,45nm,0.9s | 48.48 328 | I Amb | I Amb | 13 07 57.3 |
| Q24A | Divide baz=141 | 48.55 330 | P | P | 13 07 56.2 +0.6 |
| E56A | St. Veronique baz=182 | 48.56 2 | P | P | 13 07 54.6 -0.6 |
| OGNE | Ogallala baz=145 | 48.69 335 | P | P | 13 07 57.2 +0.8 |
| G40A | Rib Lake comp=Z,52nm,1.2s | 48.73 347 | I Amb | I Amb | 13 08 33.4 |
| E61A | Lac Etchemin baz=188 | 48.74 6 | P | P | 13 07 57.6 +0.9 |
| MVCO | Mesa Verde baz=186 | 48.99 326 | P | P | 13 07 59.3 +0.3 |
| D55A | Sainte-Anne-du baz=182 | 49.02 1 | P | P | 13 07 58.5 -0.2 |
| E62A | Clayton Lake baz=182 | 49.03 7 | P | P | 13 07 58.8 0.0 |
| ECSD | EROS Data Cent baz=153 | 49.05 341 | P | P | 13 07 56.8 -2.3 |
| ECSD | EROS Data Cent comp=Z,52nm,1.0s | 49.05 341 | I Amb | I Amb | 13 07 58.1 |
| GO09 | Cerro Castillo comp=Z,109nm,1.5s | 49.05 176 | P | P | 13 08 02.0 +3.0 |
| E64A | Bridgewater baz=183 | 49.05 8 | P | P | 13 07 59.0 0.0 |
| D56A | ZEC Mazanza, M baz=183 | 49.07 2 | P | P | 13 07 58.4 -0.7 |
| D58A | Chemin du LacG baz=185 | 49.20 4 | P | P | 13 07 59.6 -0.5 |
| SPMN | Marine on St. baz=159 | 49.30 345 | P | P | 13 07 58.6 -2.4 |
| SPMN | Marine on St. comp=Z,154nm,1.6s | 49.30 345 | I Amb | I Amb | 13 07 59.8 |
| COWI | Conover comp=Z,44nm,1.3s | 49.30 349 | I Amb | I Amb | 13 08 38.0 |
| ISCO | Idaho Springs baz=141 | 49.42 331 | P | P | 13 08 02.4 +0.1 |
| ISCO | Idaho Springs comp=Z,19nm,0.8s | 49.42 331 | P | P | 13 08 02.6 +0.3 |
| ISCO | Idaho Springs WUAZ | 49.49 323 | P | P | 13 08 03.8 +1.0 |
| WUAZ | Wupatki baz=132 | 49.49 323 | P | P | |

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Mcpherson Peak, Vestal, Richgr, Redw, Top Meadow, etc.

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

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Galloway, Middleton Isla, Loch Awe, etc.

3rd 13h

Table of astronomical observations for 3rd 13h, listing objects like AHRW, KMY, SUE, GSPA, ASK, BER, BUG, etc., with their coordinates and observation details.

2014 DEC

Table of astronomical observations for 2014 DEC, listing objects like BRTR, AKBAR, GEYT, etc., with their coordinates and observation details.

120

Table of astronomical observations for 120, listing objects like DAVOX, BERNI, FUORNI, etc., with their coordinates and observation details.

IDC 03 13:31:57.4+11.0, 2.75Sx102.98E, h234km, 152km, mb2.7/4, mbl 3.0/4, mb1mx2.9/29, mbtmp3.3/4, Error ellipse: s-maj=252.8km s-min=17.2km az=61.0, Southern Sumatra

CMAR Chiang Mai Arr 21.45 349 P Op P 13 36 27.7 +0.1 WRA Warrungarra Arr 35.06 122 P P 13 38 28.4 -0.2 ASAR Alice Springs 36.42 127 P P 13 38 40.0 -0.1 SONM Songoing Array 50.47 3 P P 13 40 31.5 -0.2

ANF 03 13:33:33.9+0.4, 36.50N, 99.01W, h5km, ML4.4/16, Error ellipse: s-maj=4.8km s-min=4.6km az=147.0 TUL 03 13:33:33.6+0.8, 36.50N, 0.049, 0.03W, 0.05, h1km, 6km, ML3.7, Error ellipse: s-maj=6.6km s-min=5.0km az=156.0 NEIC 03 13:33:33.9+1.0, 36.51N, 0.019, 0.02W, 0.05, h11km, 6km, Error ellipse: s-maj=5.5km s-min=1.6km az=75.0 NEIC 03 13:33:33.9+1.0, 36.51N, 0.019, 0.02W, 0.05, h11km, 6km, Error ellipse: s-maj=5.5km s-min=1.6km az=75.0 IDC 03 13:33:33.2+1.6, 36.50N, 100.11W, h0km, mb3.3/1, mb1 3.7/4, mb1mx3.5/33, mbtmp3.3/4, ML3.3/3, Error ellipse: s-maj=32.0km s-min=13.2km az=95.0

Table of astronomical observations for 120, listing objects like WINTER RANCH, CROK, ANTHONY SW STA, etc., with their coordinates and observation details.

VIE 03 13:10:33.8+0.4, 46.63N, 9.82E, h11km, 4km, m1.8/3, Error ellipse: s-maj=1.5km s-min=1.4km az=61.0 18 km N of St. Moritz LDG 03 13:10:34.2+0.1, 46.61N, 9.83E, h10km, Mdl.7/1, M2.1/5, Error ellipse: s-maj=1.4km s-min=1.1km az=14.0 ROM 03 13:10:34.0+0.2, 46.626N, 0.010, 1.98E, 0.01, h11km, 1km, ML1.4/4, 1, Error ellipse: s-maj=1.0km s-min=0.8km az=10.0, Switzerland

3d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bear Canyon, Circle Bar Ran, Holmes Hill, etc.

IDC 03 17:42:57.7-6.2, 1.68S, 145.13E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/3.4, mbtmp4.2/3, MS3.8/2, Ms1 3.8/2, Ms1mx2.8/2.2, Error ellipse: s-maj=138.4km s-min=38.2km az=76.0, Admiralty Islands region

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

SJA 03 17:44:04.7-0.7, 2.42S:67.19W, h182km, 6km, ML4.0, MW3.8, NEIC 03 17:44:05.3-2.1, 2.42S:0.07-67.3W:0.1, h185km, 12km, Error ellipse: s-maj=19.7km s-min=10.3km az=97.0

IDC 03 17:44:05.9-2.0, 2.42S:67.10W, h180km, 22km, mb3.2/1, mb1 3.5/6, mb1mx3.2/2.9, mbtmp3.9/6, MS2.8/1, Ms1 2.8/1, ms1mx2.2/8, Error ellipse: s-maj=31.9km s-min=19.5km az=142.0

NEIC 03 17:44:05.3-2.1, 2.42S:0.07-67.3W:0.1, h185km, 12km, Error ellipse: s-maj=19.7km s-min=10.3km az=97.0

IDC 03 17:44:04.9-0.8, 2.21S:0.04-67.39W:0.04, h182km, 8km, h56, 1-1267/8, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hamaheua, Catayete, Limon Verde, etc.

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

IDC 03 17:44:48.9-2.1, 7.16S:130.10E, h99km, 18km, mb3.4/3, mb1 3.9/8, mb1mx3.6/38, mbtmp4.1/8, Error ellipse: s-maj=37.7km s-min=19.5km az=88.0

NEIC 03 17:44:50.7-2.2, 7.10S:0.09-130.1E:0.1, h133km, 11km, mb4.0/3, Error ellipse: s-maj=15.2km s-min=11.6km az=60.0

DJA 03 17:44:50.0-0.3, 7.2S:2.13E, h148km, 7km, M4.3/9, mb4.2/7, mb4.8/5, MLV4.9/MW(m)B4.0/5, NEIC 03 17:44:50.7-2.2, 7.10S:0.09-130.1E:0.1, h133km, 11km, mb4.0/3, Error ellipse: s-maj=15.2km s-min=11.6km az=60.0

IDC 03 17:44:50.4-0.7, 7.11S:0.05-130.01E:0.06, h150km, n31, c3512S, mb3.6/4, Tanimbar Islands region

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WKZ Wanaka, WKZ, SONM Songino Army, etc.

IDC 03 18:08:05.2-2.4, 2.25S:179.75E, h493km, 19km, mb3.6/7, mb1 3.6/9, mb1mx3.3/3.5, mbtmp4.4/9, Error ellipse: s-maj=49.7km s-min=21.4km az=46.0

NEIC 03 18:08:08.1-1.1, 26.2S:0.01-179.6E:0.2, h516km, 23km, mb4.3/1.5, Error ellipse: s-maj=28.1km s-min=23.7km az=110.0

NEIC 03 18:08:08.1-1.1, 26.2S:0.2-179.6E:0.2, h516km, 23km, mb4.3/1.5, Error ellipse: s-maj=28.1km s-min=23.7km az=110.0

ISC 03 18:08:08.0-1.4, 26.3S:0.1-179.4E:0.2, h495km, n32, c1902/34, mb4.2/16, South of Fiji Islands

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

IDC 03 18:27:17.9-0.9, 0.69N:92.65E, h0km, mb4.2/14, mb1 4.3/17, mb1mx4.0/67, mbtmp4.2/17, ML4.2/3, MS2.9/3, Ms1 3.0/3, ms1mx2.7/42, Error ellipse: s-maj=32.3km s-min=15.2km az=42.0

BJJ 03 18:27:18.6-0.0, 0.72N:92.94E, h19km, MB5.0/19, mb4.6/28, MS4.2/2, Ms7.4/02, DJA 03 18:27:19.2-0.4, 1.1N:4.93E, h10km, M4.0/19, mb5.1/19, MB5.4/13, MLV5.1/10, MW(m)B4.8/13

NEIC 03 18:27:20.3-1.2, 0.71N:0.05-92.75E:0.09, h16km, 5km, mb4.5/25, Error ellipse: s-maj=17.2km s-min=11.4km az=213.0

NEIC 03 18:27:20.3-1.2, 0.71N:0.1-92.67E:0.09, h16km, 5km, mb4.5/25, Error ellipse: s-maj=17.2km s-min=11.4km az=213.0

KLM 03 18:27:24.0, 0.76N:92.83E, h21km, mb4.6, ISC 03 18:27:23.2-0.7, 0.71N:0.05-92.75E:0.06, h35km, n124, c1821/10, mb4.5/37, 2C, Off west coast of northern Sumatara

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHGB, VCHM, PNG, TDCB, WHP, FUSS, ETLH, NNSB, NNSH.

TAP 03 19:44:02.7,2277N,120°87E, h4km, ML2.1,2C,C,

Main table for TAP 03 with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including Taimali, Pinlang, Beinan, Majia, Sandimen, Taitung, Mashibuluo, Longtian, Liugui, Jiouru, Cishan, Anshuo, Xinni, Xinhua, Taupu, Shoushan, Lidau, Donghe, Fangliang, Kaoshiung, Shinhua, Tainan City, Yuli, Tsauhsan, ZARC, NORC, SMLC.

Table for HEN Hengchun with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ, CTA, STKA, BBOO, AS31, WR0, WRB, WRAB, WBO, WRA, FORT, KNRA, FITZ, MORW, Y14A.

Table for IDC 03 20:08:21.4, 1.9, 43.23N, 138°29E, h472km, 36km, mb2.3/1, mb1 3.0/5, mb1mx2.6/52, mbtmp4.3/5, Error ellipse: s-maj=36.6km s-min=31.3km az=129.0. Includes stations like JHST, JSH, JEW, JKB, JHR, JOT, JNK, JNBK, JNW, JANG, JANG, JCH, USRK, JTKR, JMK, NEM2, MJAR, JRY, KRSR, MA2, SONM.

Table for IDC 03 20:15:31.6, 0.7, 6.82N, 73°08W, h154km, 9km, mb3.5/6, mb1 3.9/9, mb1mx3.5/26, mbtmp4.1/9, Error ellipse: s-maj=25.9km s-min=7.7km az=132.0. Includes stations like BARC, PAMC, BRRC, RUSC, TAMC, TMC, PTEC, OCAC, SPBC, ZARC, NORC, SMLC.

Table for SMLC with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like CHIC, ROSC, HELC, UREC, VILC, GUY2C, PTGC, RREF, CBCC, DBBC, SDV, MOC, ARGC, ANIL, ORTC, SJCC, PLMC, YOTC, SMRC, MACC, MARP, GARC, PCON, FLOC, BBAC, OTAV, PLCV, MTJD, Y49A, U40A, CCM, SFIN, S39A, R40A, TXAR, TX3I, TX32, P40A, SDCO, WUAZ, AGMN, GLA, ULM, MSU, MVU, PD1, PDAR, BGM, MCMT, NVAR, LRM, G08A, YKA, BMAR, ILAR, ALICE, WRA.

ISC 04:01:01:54.1,0.5,18.49N,0.04:145.80E,0.06,h193km,4km, n260,r192/269,mb4.8/146,3C-2D,Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, Op, ID, h, m, s, ISC. Includes stations like GUMG Guam, MAJAO Matsushiro, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, Op, ID, h, m, s, ISC. Includes stations like WBO Warramunga Arr, WRO Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, Op, ID, h, m, s, ISC. Includes stations like TOO Toolangi, ZSN Zaisan, etc.

4d 1h

| | | | | | | | |
|-------|--------------------------------------------|------------|------|------|------------|------------|------|
| ABKAR | Akbulak array | 73.55 317 | P | Iamb | Iamb | 01 13 04.8 | -1.1 |
| ABKAR | comp=Z,14nm,1.1s | | | | | 01 13 06.3 | |
| HRA | Herat | 74.61 302 | Iamb | Iamb | 01 13 13.8 | | |
| | comp=Z,8.8nm,0.8s | | | | | | |
| GEYT | Alibeck | 77.09 306 | P | P | 01 13 27.0 | +0.7 | |
| | comp=Z,13nm,1.0s,baz=94,slow=4.5,SNR=13 | | | | | | |
| GEYT | Alibeck | 77.09 306 | P | P | 01 13 25.0 | -0.5 | |
| GYA0B | ALIBECK ARRAY | 77.09 306 | Iamb | Iamb | 01 13 28.2 | | |
| | comp=Z,15nm,0.9s | | | | | | |
| EUNU | Eureka | 77.92 8 | P | Iamb | 01 13 31.0 | +0.8 | |
| EUNU | comp=Z,16nm,0.8s | | | | 01 13 32.5 | | |
| YKA | Yellowknife Ar | 78.13 28 | P | P | 01 13 32.4 | +0.8 | |
| | comp=Z,19nm,0.6s,baz=291,slow=5.4,SNR=42 | | | | | | |
| B08A | Colville Reser | 79.56 43 | P | Iamb | 01 13 40.3 | +0.6 | |
| B08A | comp=Z,7.0nm,0.7s | | | | 01 13 42.1 | | |
| RES | Resolute Bay | 79.60 14 | P | Iamb | 01 13 40.3 | +0.9 | |
| RES | comp=Z,12nm,0.9s | | | | 01 13 41.7 | | |
| PINE | Pine Mountain | 79.73 47 | P | P | 01 13 41.2 | +0.3 | |
| PINE | comp=Z,18nm,0.8s | | | | 01 13 44.1 | | |
| K05A | Summer Lake | 80.05 48 | P | P | 01 13 43.0 | +0.3 | |
| K05A | comp=Z,14nm,0.8s | | | | 01 13 45.7 | | |
| D08A | Wollman Farm, | 80.19 44 | P | P | 01 13 43.5 | +0.5 | |
| AFDM | Forest Hills D | 81.05 52 | P | P | 01 13 48.0 | +0.2 | |
| KLMR | Klimovskoe | 81.68 332 | eP | P | 01 13 46.5 | -4.1 | |
| KLMR | comp=Z,11nm,1.0s | | | | 01 13 49.9 | | |
| PAHR | Pah Rah Range | 82.00 51 | P | P | 01 13 53.1 | +0.2 | |
| UOSS | Minazif | 82.05 294 | Iamb | Iamb | 01 13 52.2 | -1.0 | |
| UOSS | comp=Z,22nm,0.8s | | | | | | |
| ARCES | ARCESS Array B | 82.72 342 | P | P | 01 13 55.4 | -0.5 | |
| | comp=Z,12nm,0.9s,baz=80,slow=8.5,SNR=32 | | | | | | |
| NVAR | Mina Array Bea | 83.19 52 | pP | pP | 01 14 47.6 | +2.4 | |
| | comp=Z,10nm,0.8s,baz=263,slow=6.1,SNR=5.1 | | | | | | |
| TPNV | Topopah Spring | 85.21 53 | Iamb | Iamb | 01 14 12.6 | | |
| | comp=Z,8.9nm,0.9s | | | | | | |
| KBZ | Khabaz | 86.35 315 | P | P | 01 14 13.6 | -1.0 | |
| | comp=Z,4.9nm,0.8s,baz=96,slow=5.1,SNR=8.0 | | | | | | |
| FINES | FINESS Array B | 87.11 335 | P | P | 01 14 16.1 | -1.7 | |
| FINES | comp=Z,5.1nm,0.4s,baz=62,slow=4.3,SNR=59 | | | | | | |
| FFC | Flin Flon | 87.27 33 | P | Iamb | 01 15 03.4 | -1.1 | |
| FFC | comp=Z,2.2nm,0.4s,baz=67,slow=2,SNR=2.0 | | | | | | |
| PDAR | Pinedale Array | 87.90 45 | P | P | 01 14 23.2 | +0.8 | |
| PDAR | comp=Z,8.0nm,0.3s,baz=272,slow=2.3,SNR=6.3 | | | | | | |
| FCC | Fort Churchill | 88.80 27 | Iamb | Iamb | 01 14 29.1 | | |
| | comp=Z,14nm,1.1s | | | | | | |
| WUAZ | Wupatki | 89.40 53 | Iamb | Iamb | 01 14 33.0 | | |
| | comp=Z,5.3nm,0.8s | | | | | | |
| PV18 | Skein Mesa, Pa | 90.16 49 | P | Iamb | 01 14 33.0 | 0.0 | |
| PV18 | comp=Z,5.4nm,0.7s | | | | 01 14 35.1 | | |
| PV02 | Paradox Valley | 90.30 49 | Iamb | Iamb | 01 14 36.1 | | |
| | comp=Z,5.1nm,0.8s | | | | | | |
| N23A | Red Feather La | 91.14 46 | Iamb | Iamb | 01 14 44.5 | | |
| | comp=Z,10nm,1.1s | | | | | | |
| RAYN | Ar Rayn | 91.75 295 | P | Iamb | 01 14 39.3 | -1.1 | |
| RAYN | comp=Z,8.4nm,1.0s | | | | 01 14 40.3 | | |
| ULM | Lac du Bonnet | 92.72 34 | P | P | 01 14 44.5 | +0.2 | |
| | comp=Z,3.7nm,0.9s,baz=290,slow=4.2,SNR=3.8 | | | | | | |
| ULM | comp=Z,3.7nm,0.9s,baz=290,slow=4.2,SNR=3.8 | | | | 01 15 32.0 | +0.9 | |
| NOA | NORSAR Array B | 92.80 340 | P | P | 01 14 42.7 | -1.8 | |
| | comp=Z,0.1nm,0.3s,baz=235,slow=14,SNR=4.2 | | | | | | |
| BRTR | Keakin Array B | 93.32 314 | P | P | 01 14 50.1 | -1.9 | |
| | comp=Z,3.5nm,0.8s,baz=110,slow=2.5,SNR=8.8 | | | | | | |
| TXAR | Lajitas Array | 97.88 56 | P | Pdf | 01 15 09.0 | +0.6 | |
| | comp=Z,0.1nm,0.8s,baz=37,slow=3.6,SNR=1.7 | | | | | | |
| TXAR | comp=Z,0.8nm,0.8s,baz=300,slow=2.7,SNR=5.1 | | | | 01 15 56.5 | +1.3 | |
| LSZ | Lusaka | 120.46 263 | PKP | PKP | 01 20 22.4 | -1.2 | |
| SNA | Sanae | 123.74 191 | PKP | PKP | 01 20 27.5 | -0.7 | |
| VNAZ | Neumayer-Watz | 125.18 190 | PKP | PKP | 01 20 30.8 | -0.1 | |
| TORD | Torodi Ar. Bea | 132.66 309 | PKP | PKP | 01 20 46.5 | -0.2 | |
| | comp=Z,0.2nm,0.4s,baz=23,slow=1.4,SNR=5.5 | | | | | | |
| DBIC | Dimbokro | 141.75 308 | PKKP | PKP | 01 20 57.7 | | |
| | comp=Z,1.8nm,0.5s,baz=5.8,slow=1.6,SNR=6.0 | | | | | | |
| PLCA | Paso Flores | 141.79 133 | PKP | PKP | 01 21 01.0 | -2.0 | |
| | comp=Z,1.3nm,0.7s,baz=191,slow=1.8,SNR=5.9 | | | | | | |
| BIO2 | San Fabin de | 142.78 127 | PKP | PKP | 01 21 02.7 | -2.2 | |
| BO02 | Sierra Bellavi | 143.74 124 | PKP | PKP | 01 21 06.0 | -0.6 | |
| MT02 | Curacav | 143.87 121 | PKP | PKP | 01 21 06.5 | -0.3 | |
| LCO | Las Campanas | 145.12 114 | PKP | PKP | 01 21 08.7 | -0.6 | |
| LVC | Limon Verde | 147.29 103 | PKP | PKP | 01 21 17.0 | -0.2 | |
| LPZA | La Paz | 147.58 91 | PKP | PKP | 01 21 15.5 | +1.2 | |
| | comp=Z,9.5nm,0.5s,baz=343,slow=1.7,SNR=36 | | | | | | |
| LPZA | La Paz | 147.58 91 | PKP | PKP | 01 21 12.8 | -1.4 | |

TAP 04 01:14:28.9,24:32N,122:17E,h56km,ML4.5,B
 JMA 04 01:14:28.6,0.1,24:22N,122:16E,h56km,2km,MM.1
 NEIC 04 01:14:29.1,5,24:32N,0.05,122:13E,0.04,h58km,1km,
 mb4.0/7,ML4.3(TAP),Error ellipse: s-maj=8.2km
 s-min=4.5km az=164.0
 IDC 04 01:14:38.5,5.8,24:37N,122:05E,h156km,5.5km,mb3.5/8,
 mb1 3.8/9,mb1mx3.3/49,mbtmp4.0/9,Error ellipse:
 s-maj=37.4km s-min=16.9km az=75.0
 ISC 04 01:14:28.3,0.7,24:31N,0.02,122:19E,0.02,h53km,6km,
 n172,σ1970/299,mb4.0/12,10C-18D,Taiwan region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|------------------|----------|-----|----------|------------|------|
| ENAH | Nanao | 0.37 293 | iP | ISC | h | s |
| ENAH | baz=295 | | S | Pn | 01 14 39.1 | +0.8 |
| ENAH | comp=Z,14nm,1.1s | | | | 01 14 46.8 | +1.2 |
| ENA | baz=289 | 0.42 287 | iP | Pn | 01 14 39.8 | +0.9 |
| ENA | comp=Z,14nm,1.1s | | | | 01 14 47.8 | +1.3 |
| TWC | baz=289 | 0.43 315 | iP | Pn | 01 14 39.8 | +0.8 |
| TWC | comp=Z,14nm,1.1s | | | | 01 14 47.2 | +0.5 |
| NACB | baz=315 | 0.56 256 | iP | Pn | 01 14 40.8 | +0.4 |
| NACB | comp=Z,14nm,1.1s | | | | 01 14 49.5 | +0.4 |
| NACB | baz=247 | 0.56 256 | Pn | Pn | 01 14 41.0 | +0.7 |
| NACB | comp=Z,14nm,1.1s | | | | 01 14 48.0 | +0.9 |
| TWD | Chiawan | 0.58 247 | iP | Pn | 01 14 41.2 | +0.5 |
| TWD | comp=Z,14nm,1.1s | | | | 01 14 50.4 | +0.7 |
| ILA | baz=238 | 0.61 319 | eP | Pn | 01 14 42.8 | +1.8 |
| ILA | comp=Z,14nm,1.1s | | | | 01 14 52.8 | +2.6 |
| HWA | baz=326 | 0.62 238 | iP | Pn | 01 14 42.1 | +0.9 |
| HWA | comp=Z,14nm,1.1s | | | | 01 14 52.6 | +2.1 |
| TWE | baz=229 | 0.63 311 | iP | Pn | 01 14 42.5 | +1.3 |
| TWE | comp=Z,14nm,1.1s | | | | 01 14 51.8 | +1.1 |
| NTC | Toucheng | 0.64 329 | P | Pn | 01 14 42.3 | +0.9 |
| NTC | comp=Z,14nm,1.1s | | | | 01 14 52.9 | +2.0 |
| ETLH | Xiulin Townshi | 0.65 261 | P | Pn | 01 14 42.2 | +0.6 |
| ETLH | comp=Z,14nm,1.1s | | | | 01 14 51.9 | +0.6 |
| ENTT | Nioudou | 0.66 301 | iP | Pn | 01 14 42.8 | +1.2 |
| ENTT | comp=Z,14nm,1.1s | | | | 01 14 52.7 | +1.4 |
| NDT | Datong Townshi | 0.68 296 | iP | Pn | 01 14 43.1 | +1.2 |
| NDT | comp=Z,14nm,1.1s | | | | 01 14 53.3 | +1.4 |
| JYNG | Yonagunijimaku | 0.71 78 | P | Pn | 01 14 43.5 | +1.3 |
| JYNG | comp=Z,14nm,1.1s | | | | 01 14 54.0 | +1.6 |
| TWB1 | Santiao Chiao | 0.72 346 | iP | Pn | 01 14 43.0 | +0.5 |

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| | | | | | | |
|------|------------------|----------|----|------------|------------|------|
| TWB1 | baz=347 | S | Sn | 01 14 52.8 | 0.0 | |
| TIPB | Shuangxi | 0.74 334 | eP | Pn | 01 14 43.3 | +0.6 |
| TIPB | comp=Z,14nm,1.1s | | | | 01 15 53.1 | -0.1 |
| NNSB | Datong | 0.74 280 | iP | Pn | 01 14 43.5 | +0.7 |
| NNSB | comp=Z,14nm,1.1s | | | | 01 14 53.7 | +0.3 |
| NNSH | Datong | 0.74 280 | iP | Pn | 01 14 43.4 | +0.6 |
| NNSH | comp=Z,14nm,1.1s | | | | 01 14 53.7 | +0.3 |
| NNS | Nan Shan | 0.75 280 | iP | Pn | 01 14 43.6 | +0.6 |
| NNS | comp=Z,14nm,1.1s | | | | 01 14 54.5 | +0.8 |
| YOJ | Yonaguni jima | 0.77 78 | iP | Pn | 01 14 44.1 | +1.1 |
| YOJ | comp=Z,14nm,1.1s | | | | 01 14 54.5 | +0.7 |
| YOJ | Yonaguni jima | 0.77 78 | P | Pn | 01 14 44.1 | +1.1 |
| YOJ | comp=Z,14nm,1.1s | | | | 01 14 55.2 | +1.4 |
| YOJ | Yonaguni jima | 0.77 78 | Pn | Pn | 01 14 44.0 | +1.0 |
| YOJ | comp=Z,14nm,1.1s | | | | 01 14 56.8 | +3.0 |
| NWLT | Wulai | 0.78 307 | iP | Pn | 01 14 44.5 | +1.3 |
| NWLT | comp=Z,14nm,1.1s | | | | 01 14 55.4 | +1.2 |
| YHNB | Yeheng | 0.82 296 | iP | Pn | 01 14 44.9 | +1.0 |
| YHNB | comp=Z,14nm,1.1s | | | | 01 14 55.6 | +0.4 |
| YHNB | Yeheng | 0.82 296 | Pn | Pn | 01 14 45.0 | +1.2 |
| NSK | Sanguang | 0.84 296 | iP | Pn | 01 14 45.0 | +1.0 |
| NSK | comp=Z,14nm,1.1s | | | | 01 14 56.4 | +0.8 |
| ESL | Shilin | 0.84 235 | iP | Pn | 01 14 44.3 | +0.3 |
| ESL | comp=Z,14nm,1.1s | | | | 01 14 56.2 | +0.6 |
| NWF | Wu-fen Shan | 0.85 334 | iP | Pn | 01 14 44.9 | +0.8 |
| NWF | comp=Z,14nm,1.1s | | | | 01 14 56.2 | +0.4 |
| WFSB | Wu-fen Shan | 0.85 334 | iP | Pn | 01 14 44.9 | +0.9 |
| WFSB | comp=Z,14nm,1.1s | | | | 01 14 56.2 | +0.5 |
| WHF | Hehuan Shan | 0.86 259 | iP | Pn | 01 14 45.1 | +0.6 |
| WHF | comp=Z,14nm,1.1s | | | | 01 14 56.7 | +0.2 |
| FUSS | Fushou | 0.86 266 | iP | Pn | 01 14 45.4 | +0.9 |
| FUSS | comp=Z,14nm,1.1s | | | | 01 14 57.1 | +0.8 |
| TWA | Mucha | 0.87 321 | P | Pn | 01 14 45.8 | +1.5 |
| TWA | comp=Z,14nm,1.1s | | | | 01 14 57.0 | +0.9 |
| NHDH | Xindian Distri | 0.89 318 | iP | Pn | 01 14 46.1 | +1.5 |
| NHDH | comp=Z,14nm,1.1s | | | | 01 14 58.7 | +2.1 |
| TATO | Taipei | 0.92 317 | iP | Pn | 01 14 46.3 | +1.3 |
| TATO | comp=Z,14nm,1.1s | | | | 01 14 59.0 | +1.6 |
| TWT | Tachien | 0.92 267 | iP | Pn | 01 14 46.6 | +1.3 |
| TWT | comp=Z,14nm,1.1s | | | | 01 14 58.9 | +1.2 |
| TDCB | Techi | 0.94 267 | iP | Pn | 01 14 4 | |

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WLBG, WSF, JISG, ICHU, CHN8, SCST, SSD, TSMG, SCLT, TWM1, MASBT, TAW, EAST, SNJT, JTJ, LAY, SPST, SCZT, SLIU, PTTC, PNG, PHUB, WDGJ, WLCG, VWUC, TSEB, MATB, VCHM, JIRB, JIKM, JIKM, JMK, PTMZ, JMJZ, JYJG, LYJZ, XPSS, MHQZ, KNMB, KMMB, ZPLA, ZZJH, KSR5, ULN, SONM, MK31, MK31, ZALV, WRA, WB2, WC3, WRC3, WRO, ASAR, AB01, ABKAR, ILAR, ARCES.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCES, NVAR, BER 04, KBS, BRBB, SPA0, HSPB, DAG, DBG, ZF12, SUMG, WEL 04, PKVZ, FWVZ, WNVZ, NGZ, HIZ, WTVZ, MOVZ, TMVZ, DUWZ, BHZ, WATZ, KIW, OGWZ, PNHZ, KRHZ, HOWZ, TCW, CAW, BAKZ, INWZ, MCZ, QRZ, MTW, BFZ, TWUZ, THZ, KAHZ, MSWZ, MTHZ, ARHZ, PLWZ, MURZ, BSWZ, RAHZ, RTZ, WHHZ, TGRZ, THZ, KNZ, MWZ, RIGZ, MHGZ, PRGZ, DSZ, KHZ, RUGZ, TUNZ, CNGZ, OXZ, PKGZ, LTZ, WMGZ, INZ, OXZ, OKCZ, MOZ, AKCZ, MHZ, ARCZ, ODZ.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S2, H11N1, H11N2, H11N3, WRA, WRA, ASAR, ILAR, YKA, IPEC, PRU, IDC, BGR, OJC, OJC, OJC, OKC, OKC, OKC, MORC, MORC, MORC, MORC, MORC, LANS, LANS, LANS, NIE, NIE, KRLC, KRLC, JAVC, JAVC, DPC, DPC, DPC, DPC, OSTC, OSTC, KSP, KSP, KSP, KSP, VRAC, VRAC, VRAC, VRAC, VRAC, VYHS, VYHS, CHVC, CHVC, UPC, UPC, SMOL, SMOL, SMOL, KRUC, KRUC, KRUC, KRUC, KEVOC, KEVOC, KEVOC, KEVOC, MODS, MODS, MODS, MODS, KRUC, KRUC, KRUC, KRUC, PRU, PRU, PRU, PRU, PRA, PRA, PRA, PRA, CONA, CONA, BRG, BRG, PBCC, FBE, KHC, KHC, KHC, GECZ, GECZ, GECZ, GERES, GERES, GERES, GERES, CLL, CLL, CLL, CLL, MOA, MOA, MOA, MOA.

MOA comp=Z,19nm,0.6s eSg Sg 01 56 16.9 -2.5
TANN Tannenbergstha 4.08 274 eSg Sg 01 56 26.3 -0.3
DRGR 4.33 142 iP Pn 01 55 23.2 +0.6
MOX Moxa 4.62 247 eSg Sg 01 56 42.6 -1.4
KBA Koelnbreinsper 4.84 201 eSg Sg 01 56 27.8 +1.3
BURAR Bucovina Array 4.97 120 iP Pn 01 55 32.7 +1.2
BZS Buzias 5.02 157 iP Pn 01 55 32.8 +0.8
BSD Bornholm Skovb 5.40 335 eP Pn 01 55 36.6 -0.6
BSD comp=Z,0.9nm,0.4s iS Sg 01 56 39.2
AKASG Malin Array B 6.64 82 Pg Pb 01 56 13.9 +2.1
AKASG comp=Z,1.0nm,0.3s,baz=270,slow=15,SNR=2.9 Lg Lg 01 57 51.1

DAVOS DavosDischmat 6.90 243 Pn Pn 01 55 59.6 +1.6
DAVOX comp=Z,0.3nm,0.3s,baz=127,slow=14,SNR=2.2 Lg Lg 01 57 55.3
DAVOX comp=Z,0.3nm,0.3s,baz=160,slow=22,SNR=3.8 Lg Lg 01 57 04.2 -3.8
FINES FINES Array B 11.90 172 iS Sg 01 59 11.5 -8.1
FINES comp=Z,0.1nm,0.3s,baz=202,slow=15,SNR=7.6 Sn Sn
FINES comp=Z,0.1nm,0.3s,baz=204,slow=23,SNR=1.6 Sn Sn

IDC 04 02:09:37.6:17.0,17.65S:173.35W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.4/65, mbtmpr4.1/5, Error ellipse: s-maj=330.1km s-min=150.3km az=83.0, Tonga Islands

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC
CTA Charters Tower 38.24 260 Pn Pn 02 16 59.2 -0.5
STKA Stephens Creek 42.99 242 Pn Pn 02 17 39.7 +0.8
WRA Warramunga Arr 49.41 259 Pn Pn 02 18 28.8 -0.9
ASAR Alice Springs 49.52 254 Pn Pn 02 18 29.8 -0.4
FITZ Fitzroy Crossi 57.25 59 Pn Pn 02 19 31.9 +0.5

IDC 04 02:10:06.5:0.7,1.1,58N:57.80E, h0km, mb4.0/18, mb1 4.1/20, mb1mx4.0/63, mbtmpr4.0/20, ML3.8/2, MS3.0/6, Ms1 3.0/6, ms1mx2.8/45, Error ellipse: s-maj=18.9km s-min=15.0km az=120.0

NEIC 04 02:10:08.3:1.1,1.1,58N:0.06:57.70E:0.018, h10km,1km, mb4.4/15, Error ellipse: s-maj=14.9km s-min=8.7km az=118.0

ISC 04 02:10:08.2:0.6,1.1,65N:0.08:57.76E:0.07, h10km, n44, s=121/42, mb4.1/25, MS3.0/5, Owen Fracture Zone region

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC
SOCY Socotra 3.73 279 Op Pn 02 11 05.0 -0.9
SOCY Socy 21.78 314 Lr Lr 02 12 48.3 -1.6
WSAR Wadi Sarin 11.56 4 Pn Pn 02 12 55.3 +1.9
WSAR comp=Z,0.2nm,0.3s,baz=214,slow=15,SNR=1.9 Sn Sn
ATD Arta Tunnel 1.61 271 Pn Pn 02 13 36.4 +1.2
ATD comp=Z,32nm,18.7s,baz=274,slow=30 Lr Lr 02 17 27.2

ATD Arta Tunnel 1.61 271 Pn Pn 02 13 36.4 +1.2
RAYN Ar Rayn 16.59 317 Pn Pn 02 14 01.5 +0.4
HRA Herat 23.00 10 Pn Pn 02 15 14.3 +0.7
HRA comp=Z,1.5nm,1.1s Iamb Iamb 02 15 17.6
PALK Pallekele 23.04 99 Lr Lr 02 22 19.7
GEYT Alibeck 26.17 1 Pn Pn 02 15 42.8 -0.1

EIL Elat 27.78 314 Lr Lr 02 25 49.0
MBAR Mbarara 29.47 247 Lr Lr 02 27 17.5
MMAI Mount Meron Ar 29.18 254 Lr Lr 02 28 16.0
KKAR Karatay Array 32.24 17 Pn Pn 02 16 46.6 +1.1
KKAR comp=Z,1.8nm,2.0s Iamb Iamb 02 16 48.0
KBZ Khabaz 34.45 341 Pn Pn 02 16 57.2 +1.2
BRTR Keskin Array B 35.19 327 Pn Pn 02 17 04.7 +2.1
ABKAR Abkulaik array 37.54 2 Pn Pn 02 17 23.2 +0.8
ABKAR comp=Z,4.1nm,0.8s Iamb Iamb 02 17 24.6

ABKAR Abkulaik array 37.54 2 Pn Pn 02 17 23.2 +0.8
AKTO Aktyubinsk 38.67 0 Pn Pn 02 17 33.0 +1.1
LSZ Lusaka 39.66 228 Pn Pn 02 17 41.0 +0.2
LSZ Lusaka 39.66 228 Pn Pn 02 17 40.3 -0.5
LSZ comp=Z,6.3nm,1.2s Iamb Iamb 02 17 51.4
CMAR Chiang Mai Arr 40.28 75 Pn Pn 02 17 47.0 +1.1
CMAR comp=Z,1.2nm,0.4s,baz=271,slow=8.5,SNR=8.0 Lr Lr 02 33 58.3
MAKZ Makanchi array 40.58 26 Pn Pn 02 17 48.7 +0.7
MK31 Makanchi Array 40.70 26 Pn Pn 02 17 49.6 +0.6
MK31 comp=Z,1.1nm,0.4s,baz=271,slow=8.5,SNR=8.0 Iamb Iamb 02 17 50.7

WRA Warramunga Arr 42.49 193 P P 02 23 32.0 +0.1
ASAR Alice Springs 46.20 192 P P 02 24 01.6 +0.1
ZALV Zalesovo Beam 54.30 322 P P 02 25 02.2 -0.4
MKAR Makanchi Array 54.84 313 Lr Lr 02 50 07.8
KURBB Kurchatov Arra 57.64 317 P P 02 25 26.4 -0.1
YKA Yukhvitne Arr 76.17 28 P P 02 27 24.0 -0.2

NEIC 04 02:19:06.5:1.5,6:33S:0.08:154.91E:0.07, h10km,1km, mb5.0/36, Error ellipse: s-maj=14.2km s-min=10.3km az=20.0

IDC 04 02:19:12.2:0.3,6:36S:154.96E: h57km,3km, mb4.3/23, mb1 4.4/28, mb1mx4.2/52, mbtmpr4.6/28, MS4.0/23, Ms1 4.0/23, ms1mx3.9/32, Error ellipse: s-maj=11.9km s-min=9.2km az=95.0

GCMT 04 02:19:13.5:0.2,6:50S:0.02:154.789E:0.02, h58km,1km, MW5.0/90, Moment Tensor Solution. s69,c84; s90,c123; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.86; 13; Mw:2.37; 11; Mw-1.50; 11; Mw-0.76; 9; Mw:2.86; 10; Mw:0.27; 08; Best double couple: Mc:4.42300; 1016 NP1:136.00000; 840.00000; 1.98.00000; NP2: 60.305.00000; 350.00000; 1.83.00000; Principal axes: T 3.9530, P1g83.0000; Azm172.0000; N 0.9300, P1g5.0000; Azm310.0000; P -4.8930, P1g5.0000; Azm400.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Bull 04 02:19:13.6:0.0,6:43S:155.41E, h106km, mb5.1/15, mb4.8/26
DJA 04 02:19:29.3:0.5,7:54:15:4E:1, h153km,5km, M4.7/22, mb4.8/22, mb5.0/11, MLV5.3/3, Mw(mb)4.4/11, Mwps.3/2
ISC 04 02:19:12.0:0.3,6:36S:0.05:154.95E:0.04, h56km, n131, s=152/139, mb4.9/46, MS4.1/24, 2C.

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC
RABL Rabaul 3.51 308 Pn Pn 02 20 01.5 -2.6
KRVT Keravat (AS076 3.55 305 Pn Pn 02 20 06.4 +1.7
KRVT comp=Z,0.3s,baz=167,slow=1.7,SNR=9.9 S S 02 20 40.1 -5.3
HNR Honiara 5.82 122 Pn Pn 02 20 37.2 +1.4
HNR 24nm,0.3s,baz=207,slow=6.8,SNR=1.4 S S 02 21 44.8 +3.6
HNR 30nm,0.3s,baz=162,slow=13,SNR=1.5 Lr Lr 02 22 55.9

HNR Honiara 5.82 122 Pn Pn 02 20 34.5 -1.3
HNR comp=Z,2.2nm,20.5s,baz=298,slow=38 Lr Lr 02 21 40.5 -0.6
PMG Port Moresby 8.29 248 Pn Pn 02 21 12.0 +2.3
PMG 45nm,0.3s,baz=69,slow=8.7,SNR=56 S S 02 22 46.9 +4.9
PMG 13nm,0.3s,baz=223,slow=24,SNR=9.6 Lr Lr 02 24 28.0
PMG Port Moresby 8.29 248 Pn Pn 02 21 06.5 -3.1
PMG comp=Z,1.1nm,19.5s,baz=58,slow=38 Lr Lr 02 22 39.9 -2.1
COEN Coen 13.83 236 Pn Pn 02 22 25.5 -2.8
JAY Jayapura 14.71 284 Pn Pn 02 22 38.9 +1.9
JAY comp=Z,0.5nm,0.3s,baz=110,slow=12,SNR=2.0 S S 02 22 50.5 +8.7
CTA Charters Tower 16.05 211 Pn Pn 02 22 56.2 -0.6
CTA 0.3nm,0.3s,baz=42,slow=13,SNR=7.9 Lr Lr 02 28 33.5

CTA comp=Z,757nm,20.7s,baz=13,slow=35 Lr Lr 02 22 51.9 -2.3
CTAO Charters Tower 16.05 211 Pn Pn 02 22 32.6 +0.1
DZM Mont Dzumac 19.17 146 eP Pn 02 26 59.9 -5.8
DZM 482nm,26.6s eS S 02 28 08.6
DZM comp=Z,1.1nm,26.6s eLr Lr 02 23 32.9 +0.4
DZM 4.1nm,0.3s,baz=280,slow=8.5,SNR=25 Pn Pn 02 23 31.1 -0.1
DZM 19.27 111 Pn Pn 02 24 09.5 -1.6
FAKI Fak Fak 22.88 278 Pn Pn 02 24 28.7
FAKI comp=Z,35nm,0.8s Iamb Iamb 02 24 20.6 -1.1
WRO Warramunga Arr 24.00 234 P P 02 24 38.5
WRO comp=Z,55nm,0.9s Iamb Iamb 02 24 22.0 +0.1
WBO Warramunga Arr 24.01 234 P P 02 24 38.5
WBO comp=Z,27nm,0.8s Iamb Iamb 02 24 23.1 +0.1
WRAB Tennant Creek 24.13 234 P P 02 24 39.2
WRAB comp=Z,46nm,1.1s Iamb Iamb 02 24 23.7 +0.2
WB2 Warramunga Arr 24.14 234 P P 02 24 23.2 +0.8
ARMA Armidale 24.14 187 Pn Pn 02 24 41.1
ARMA comp=Z,24nm,0.9s Iamb Iamb 02 24 23.9 +0.8

WRA Warramunga Arr 24.15 234 P P 02 24 23.9 +0.8
WRA comp=Z,1.0nm,0.4s,baz=59,slow=9.5,SNR=133 pP 02 24 36.8 +1.0
WRA comp=Z,0.33nm,0.8s,baz=58,slow=9.7,SNR=15 pP 02 28 02.8 -0.3
WRA comp=Z,1.8nm,1.1s,baz=56,slow=15,SNR=2.5 S 02 28 35.3 -2.1
WRA comp=Z,536nm,20.5s,baz=65,slow=36 Lr Lr 02 33 30.4
SIJ Sorong 24.25 282 P P 02 24 25.4 +1.3
MTN Manton Dam 24.34 253 Pn Pn 02 24 24.8 0.0
MTN comp=Z,43nm,1.1s Iamb Iamb 02 24 45.3 +0.3
AS31 Alice Springs 26.56 227 P P 02 24 45.3 +0.3
ASAR Alice Springs 26.57 227 P P 02 24 45.3 +0.3
ASAR comp=Z,3.9nm,0.6s,baz=60,slow=8.5,SNR=46 Pn Pn 02 28 08.1 -0.4
ASAR comp=Z,1.3nm,0.8s,baz=35,slow=3.4,SNR=2.3 Lr Lr 02 34 42.6

ASAR comp=Z,502nm,21.2s,baz=90,slow=35 Lr Lr 02 34 42.6
ASAR Alice Springs 26.57 227 P P 02 24 44.9 -0.2
H1S3 WAKE ISLAND Hy 27.27 25 T T 02 53 11.9
H1S2 WAKE ISLAND Hy 27.28 25 T T 02 53 03.0
H1S1 WAKE ISLAND Hy 27.29 25 T T 02 53 02.5
STKA Stephens Creek 28.29 204 P P 02 25 00.6 +0.2
STKA comp=Z,3.3nm,0.7s,baz=24,slow=11,SNR=14 Lr Lr 02 36 20.0
STKA comp=Z,510nm,19.7s,baz=19,slow=36 Pn Pn 02 24 59.8 -0.5
H1N1 WAKE ISLAND Hy 28.25 24 T T 02 54 38.9
H1N3 WAKE ISLAND Hy 28.26 24 T T 02 54 42.0
H1N2 WAKE ISLAND Hy 28.26 24 T T 02 54 54.6
SANI Sanana 29.19 277 P P 02 25 15.3 +6.8
FITZ Fitzroy Crossi 30.87 245 Pn Pn 02 25 23.1 -0.3
FITZ comp=Z,6.0nm,0.6s,baz=67,slow=7.3,SNR=20 Lr Lr 02 40 09.2
FITZ comp=Z,144nm,18.1s,baz=92,slow=11 Lr Lr 02 25 23.4 0.0
FITZ comp=Z,14nm,0.9s Iamb Iamb 02 25 39.8
EDFI Ende, Flores 33.05 264 P P 02 25 42.1 -0.6
TOLIZ Tolifoli 34.91 281 Pn Pn 02 25 58.6 0.0
TOLIZ comp=Z,28nm,1.0s Iamb Iamb 02 26 14.9
FORT Forrest 35.02 223 Iamb Iamb 02 26 14.7
RUGZ Rukumara Rang 37.63 150 P P 02 26 22.9 +1.2
PKGZ Pakihiroa 37.77 150 P P 02 26 24.6 +1.8
TWSI Taliwang, Sumb 37.80 264 P P 02 26 24.0 +0.6
MWZ Matawau 38.74 151 P P 02 26 25.5 +2.0
WMGZ Waomatatini S 37.89 149 P P 02 26 25.3 +1.5
RAGZ Rawiri 37.92 151 P P 02 26 26.3 +2.3
MTHZ Maungataniwha 37.92 152 P P 02 26 26.2 +2.1

TWGZ Tauwhareparae 37.95 150 P P 02 26 26.4 +2.1
BKZ Black Stump Fm 38.01 152 P P 02 26 26.2 +1.4
BKZ Black Stump Fm 38.01 152 P P 02 26 25.7 +0.8
BKZ comp=Z,16nm,0.5s Iamb Iamb 02 26 28.7
NMHZ Naumotu 38.10 152 P P 02 26 28.0 +2.3
SNGZ Shannon Statio 38.10 151 P P 02 26 27.0 +1.4
RIGZ Rimuhau 38.25 151 P P 02 26 26.3 -0.5
CNGZ Carnagh Statio 38.30 150 P P 02 26 28.4 +1.3
ARHZ Aroapoanui 38.32 152 P P 02 26 28.8 +1.4
MHGZ Matia Peninsula 38.67 151 P P 02 26 30.7 +0.4
RPZ Rata Peaks 39.81 162 P P 02 26 40.5 +0.7
RPZ comp=Z,10.0nm,0.7s,baz=326,slow=3.6,SNR=2.6 pP pP 02 26 55.5 +1.4

RPZ Rata Peaks 39.81 162 P P 02 26 40.8 +1.0
SPMM Saputa 39.95 285 P P 02 26 43.1 +0.5
KKM Kota Kinabalu 40.58 287 P P 02 26 47.1 +0.5
KKM comp=Z,2.1nm,0.9s Iamb Iamb 02 26 48.7
SKUM Sibau 43.55 280 P P 02 27 13.0 +2.2
NWAO Narrogin (SRO) 43.88 228 P P 02 27 13.4 +0.2
KSM Kuching 45.24 278 P P 02 27 25.0 +0.7
KPJL Karang Pucung 45.67 266 P P 02 27 39.3 +1.1
RAR Rarotonga 46.20 13 P P 02 27 31.4 -0.3
KSRK Korea Array 50.36 332 P P 02 28 02.7 -0.7
KSRK comp=Z,0.8nm,0.3s,baz=138,slow=9.6,SNR=4.9 pP pP 02 28 16.9 -1.3

NJ2 Nanjing 51.40 320 eP Pn 02 28 12.3 +0.9
NJ2 comp=Z,10.0nm,0.6s Iamb Iamb 02 28 33.7 +0.3
USSURIK 54.42 340 P P 02 28 33.7 +0.3
IPM Ipoah 54.90 280 P P 02 28 39.0 +1.4
PPT Papeete 55.22 107 Lr Lr 02 47 30.4
PPT2 comp=Z,54nm,20.2s,baz=224,slow=31 Pn Pn 02 36 14.0 -5.8
PPT2 comp=Z,116nm,24.2s 55.22 107 eLr Lr 02 44 47.2

TBI Tubau 55.97 114 eLr Lr 02 45 07.8
Gunungitoli 57.77 276 P P 02 28 56.9 -1.2
PETK Petropavlovsk 59.28 2 P P 02 29 08.3 +0.5
PETK comp=Z,6.2nm,0.9s,baz=161,slow=5.9,SNR=12 Pn Pn 02 29 23.8 +0.9
PETK comp=Z,8.6nm,0.8s,baz=141,slow=6.5,SNR=5.7 Lr Lr 02 50 33.9
CMAR Chiang Mai Arr 60.47 295 Pn Pn 02 29 17.4 +0.8
CMAR comp=Z,8.8nm,0.8s,baz=119,slow=4.0,SNR=29 pP pP 02 29 33.5 +2.0
CMAR comp=Z,16nm,0.8s,baz=116,slow=4.9,SNR=9.4 Lr Lr 02 54 11.0

CHTO Chiang Mai 60.47 296 Pn Pn 02 29 16.7 -0.6
HHC Hu-ho-hao-te 61.56 324 eP Pn 02 29 27.0 +3.3
HHC comp=Z,13nm,0.9s Iamb Iamb 02 29 46.9 +4.9
HHC comp=Z,170nm,7.5s pmax pmax 02 29 40.6 +1.6
LZH Lanzhou 63.83 315 iP Pn 02 31 59.0 -1.1
LZH comp=Z,17nm,1.1s pmax pmax 02 22 05.5 -0.8
LZH comp=Z,72nm,4.9s pmax pmax 02 22 38.9 +1.9
LZH comp=Z,230nm,16.1s Lr Lr 02 22 56.2 -0.6
LZH comp=Z,280nm,15.3s Lr Lr 02 28 33.5
LZH comp=Z,320nm,17.0s Lr Lr 02 30 07.1 -0.1

Gaotai 68.25 317 iP Pn 02 30 07.1 -0.1
GTA comp=Z,3.0nm,1.0s pmax pmax 02 29 33.5 +2.0
GTA comp=Z,110nm,6.2s pmax pmax 02 29 13.0 +1.5
GTA comp=Z,130nm,15.6s Lr Lr 02 29 16.7 -0.6
GTA comp=Z,160nm,17.1s Lr Lr 02 29 17.4 +0.8
SONM Songino Array 68.78 327 P P 02 30 10.1 -0.3
SONM comp=Z,2.7nm,0.6s,baz=138,slow=5.3,SNR=1.7 pP pP 02 30 12.2 +1.4
SHL Shilong 68.94 300 P P 02 30 27.2 +0.3
SEY Seymchan 69.12 359 P P 02 30 12.8 +0.9
SEY comp=Z,2.8nm,0.6s,baz=131,slow=8.9,SNR=2.3 pP pP 02 30 29.1 +1.5
LSA Lhasa 70.88 304 P P 02 30 24.4 +0.3
VNSA Vanda 71.22 178 P P 02 30 25.1 +0.5
VNSA comp=Z,1.6nm,0.8s,baz=323,slow=6.4,SNR=5.1 Lr Lr 02 30 40.1 -0.1
VNSA comp=Z,4.5nm,0.8s,baz=330,slow=5.9,SNR=9.6 Lr Lr 02 56 54.6

VNSA comp=Z,43nm,19.3s,baz=353,slow=32 Lr Lr 02 30 25.6 +0.9
VNSA 71.22 178 P P 02 30 37.4 +0.5
ODAN Odare 73.17 300 eP Pn 02 30 37.7 +0.1
RAMN Ramite 73.88 300 eP Pn 02 30 42.1 +0.4
BILL Bilibino 74.65 4 Iamb Iamb 02 30 45.6 +0.6
GUN Gumba 74.75 301 eP Pn 02 30 47.0 +0.1
PKI Pulchoki 75.06 301 eP Pn 02 30 48.4 -0.3
PKIN Pulchoki 75.06 301 eP Pn 02 30 48.5 -0.2
KKN Kakani 75.23 301 eP Pn 02 30 49.1 -0.4
DMN Daman 75.33 301 eP Pn 02 30 50.5 +0.3
KDAK Kodiak Island 76.61 26 P P 02 30 57.6 +1.1
KDAK comp=Z,1.2nm,1.1s,baz=276,slow=9.2,SNR=3.3 pP pP 02 31 12.8 +0.7
KOLN Koldanda 76.66 300 eP Pn 02 30 56.6 -1.1
DANN Dangsig 76.67 301 eP Pn 02 30 57.0 -0.8
PYUN Piuthan 77.27 301 eP Pn 02 31 00.4 -0.7
SVW2 Sparrevohn 77.43 22 P P 02 31 02.9 +1.9
WMQ Urumqi 78.33 317 eP Pn 02 31 07.3 +0.8
KTH Kantishna Hill 80.65 22 Iamb Iamb 02 31 19.3 +0.7
KTH comp=Z,8.5nm,0.3s Iamb Iamb 02 31 36.7

CROM Cirque 82.30 26 P P 02 31 29.0 +1.5
CCB Clear Creek Bu 82.40 21 P P 02 31 28.2 +0.4
CCB comp=Z,7.7nm,1.0s Iamb Iamb 02 31 45.1
IL31 82.80 22 P P 02 31 30.2 +0.4
ILAR Eielson Array 82.80 22 P P 02 31 29.0 -0.9
ILAR comp=Z,1.4nm,1.0s,baz=240,slow=5.3,SNR=13 pP pP 02 31 45.4 -0.4
ILAR comp=Z,3.6nm,0.9s,baz=240,slow=5.7,SNR=15 Lr Lr 02 05 20.7
MK31 Makanchi Array 82.90 319 Pn Pn 02 31 30.3 -0.5
MK31 comp=Z,6.4nm,0.8s Iamb Iamb 02 31 48.3
MAKZ Makanchi 83.11 319 Pn Pn 02 31 31.5 -0.4
MAKZ comp=Z,10nm,0.8s Iamb Iamb 02 31 49.3
GSPA South Pole Qui 83.61 180 P P 02 31 34.1 -0.2
GSPA comp=Z,4.4nm,0.5s,baz=355,slow=1.1,SNR=14 pP pP 02 31 49.9 -0.2
GSPA comp=Z,20nm,1.1s,baz=344,slow=3.8,SNR=5.8 pP pP 02 31 34.4 +0.1
GSPA comp=Z,12nm,0.8s Iamb Iamb 02 31 50.5
ZAAO Zalesovo Array 83.63 326 P P 02 31 32.3 -1.7
ZAAO comp=Z,5.9nm,0.8s Iamb Iamb 02 31 50.7
ZALV Zalesovo Beam 83.63 326 P P 02 31 32.7 -1.7
ZALV comp=Z,4.1nm,0.7s,baz=105,slow=5.3,SNR=14 pP pP 02 31 49.8 -0.4
ZALV comp=Z,5.4nm,0.6s,baz=111,slow=5.8,SNR=8.1 Lr Lr 02 08 59.0

IDC 04 02:15:34.6:1.3,21.1:86N:143.57E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/65, mbtmpr3.6/6, MS4.1/2, Ms1 4.1/2, ms1mx2.8/45, Error ellipse: s-maj=54.6km s-min=24.1km az=87.0

ISC 04 02:15:39.9:1.3,21.1:86N:0.2:143.5E:0.4, h35km, n8, s=637/6, mb3.6/6, Mariana Islands region

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC
JAY Jayapura 24.37 187 Lr Lr 02 29 08.9
KLR comp=Z,757nm,20.9s,baz=38,slow=33 Pn Pn 02 21 35.8 +0.4
KLR comp=Z,0.9nm,0.5s,baz=138,slow=15,SNR=2.4 Pn Pn

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAW, KSH, BBB, DLBC, etc.

TAP 04 02:30:52.5, 24.28N, 122.75E, h4km, 1km, ML2.6, C
JMA 04 02:30:52.7, 0.1, 24.24N, 122.81E, h1.9km, 2km, M2.3
ISC 04 02:30:52.4, 1.0, 24.22N, 122.81E, 0.02, h1.6km, 8km, n41, c068/59, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYNG, YOJ, YOH, etc.

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

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include VCA Vinchina, G001 Chusmiza, PB11 IPOC Station P, etc.

SOME 04 05:07:23.1, 42.12N-82.53E, h10km
NWC 04 05:07:26.2, 1.8, 42.05N-82.36E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=14.0km s-min=8.8km az=162.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include SHLS Shalkode, SHLS 172nm,0.3s, SHLS 39nm,0.3s, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include KAPS Kapalarasan, ARXS Arharly, ARXS 20nm,0.5s, etc.

IDC 04 05:14:17.1±0.8, 37.90N:142.60E, h0km, mb3.8/9,
mb1.4/0.13, mb1mx3.8/6.4, mbtmp3.9/13, ML3.9/3, MS3.3/7,
Ms1.3/3.7, ms1mx2.9/5.1, Error ellipse: s-maj=23.3km

JMA 04 05:14:20.8±0.1, 37.99N:142.31E, h40km±2km, M4.2
JMA Fell 1 J1.
NIED 04 05:14:20.8, 37.99N:142.31E, h40km, MW3.9, Moment
Tensor Solution, Scale: 10^14Nm

NEIC 04 05:14:22.2±2.1, 37.94N:142.4E±0.1, h34km±6km,
mb4.4/1.1 Error ellipse: s-maj=12.0km s-min=8.6km
az=112.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include JIKH Ishinomakikobu, JIKH Ouri, JIKM Kesennumototy, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include H1N3 WAKE ISLAND Hy 28.00 124 T, H1S1 WAKE ISLAND Hy 28.73 126 T, etc.

IDC 04 05:23:12.5±1.9, 24.04N:120.75E, h0km, mb3.9/3,
mb1.4/0.13, mb1mx3.4/5.9, mbtmp3.9/13, Error ellipse:
s-maj=25.5km s-min=27.0km az=68.0

JMA 04 05:23:12.6±0.1, 24.33N:121.41E, h0km, M3.5
TAP 04 05:23:13.3, 24.35N:121.44E, h7km, ML3.9, C
ISC 04 05:23:13.6±0.8, 24.34N:121.43E±0.01, h8km±5km,
n127, e1504/226, mb3.8/3, 25C-5D, Taiwan

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Rows include NNSB Datong, NNSH Datong, NNSH 329, etc.

| | | | | | |
|------|---------|----|----|------------|------|
| NSTT | baz=307 | iS | Sb | 05 23 30.7 | -1.1 |
| ILA | baz=47 | eP | Pg | 05 23 23.5 | 0.0 |
| ILA | baz=47 | eS | Sb | 05 23 32.4 | +0.1 |
| ESL | baz=178 | iP | Pb | 05 23 24.1 | -1.0 |
| ESL | baz=178 | eS | Sb | 05 23 30.9 | -2.0 |
| DPDB | baz=226 | iP | Pb | 05 23 25.2 | -0.5 |
| DPDB | baz=226 | eS | Sb | 05 23 32.3 | -1.5 |
| TWQ1 | baz=270 | P | Pb | 05 23 26.6 | +0.2 |
| TWQ1 | baz=270 | eS | Sb | 05 23 35.4 | +0.4 |
| SBCB | baz=317 | eP | Pn | 05 23 25.6 | -0.9 |
| NMLH | baz=298 | eP | Pn | 05 23 27.4 | -1.3 |
| NMLH | baz=298 | S | Sb | 05 23 35.7 | +0.3 |
| NSY | baz=277 | eP | Pn | 05 23 27.2 | -1.5 |
| NSY | baz=277 | eS | Sb | 05 23 36.6 | +1.1 |
| HSN | baz=322 | eS | Sb | 05 23 36.5 | +0.9 |
| NHHD | baz=8.0 | eP | Pb | 05 23 26.1 | -0.7 |
| NHHD | baz=8.0 | eS | Sg | 05 23 34.4 | +0.4 |
| NTC | baz=22 | eP | Pg | 05 23 25.2 | -0.5 |
| NTC | baz=22 | eS | Sg | 05 23 34.6 | +0.7 |
| TATO | baz=17 | P | Pb | 05 23 26.4 | -0.5 |
| TATO | baz=17 | eS | Sg | 05 23 34.2 | +0.1 |
| TWA | baz=13 | eP | Pb | 05 23 26.6 | -0.7 |
| TWA | baz=13 | eS | Sb | 05 23 34.6 | -0.1 |
| NCUH | baz=348 | eP | Pb | 05 23 27.7 | +0.3 |
| NCUH | baz=348 | eS | Sb | 05 23 38.3 | +1.5 |
| NCU | baz=342 | eP | Pb | 05 23 28.0 | +0.5 |
| NCU | baz=342 | eS | Sb | 05 23 37.0 | +0.2 |
| SMLT | baz=216 | iP | Pb | 05 23 27.0 | -0.6 |
| SMLT | baz=216 | S | Sb | 05 23 36.4 | -0.7 |
| EGFH | baz=179 | iP | Pb | 05 23 26.9 | -0.7 |
| EGFH | baz=179 | eS | Sb | 05 23 36.5 | -0.6 |
| TYC | baz=219 | iP | Pb | 05 23 27.2 | -0.6 |
| TYC | baz=219 | eS | Sb | 05 23 36.3 | -1.1 |
| TAP | baz=18 | P | Pb | 05 23 28.1 | +0.1 |
| TAP | baz=18 | S | Sg | 05 23 36.8 | +0.6 |
| TAP1 | baz=18 | eP | Pb | 05 23 27.5 | -0.5 |
| TAP1 | baz=18 | eS | Sb | 05 23 36.8 | +0.6 |
| SSLB | baz=217 | iP | Pb | 05 23 26.9 | -1.3 |
| SSLB | baz=217 | eS | Sb | 05 23 37.0 | -1.0 |
| TCU | baz=253 | eP | Pn | 05 23 29.4 | -0.6 |
| TCU | baz=253 | eS | Sb | 05 23 38.9 | +0.6 |
| TIPB | baz=18 | iP | Pg | 05 23 27.2 | -0.4 |
| TIPB | baz=18 | S | Sg | 05 23 36.0 | -1.0 |
| WDJ | baz=270 | P | Pn | 05 23 29.4 | -0.7 |
| WDJ | baz=270 | S | Sn | 05 23 39.8 | -1.6 |
| TWS1 | baz=8.0 | P | Pb | 05 23 29.6 | +0.6 |
| TWS1 | baz=8.0 | eS | Sb | 05 23 40.1 | +0.6 |
| NWF | baz=24 | P | Pb | 05 23 28.9 | -0.7 |
| NWF | baz=24 | eS | Sg | 05 23 38.7 | -0.5 |
| WFSB | baz=25 | P | Pb | 05 23 28.9 | -0.7 |
| WFSB | baz=25 | S | Sg | 05 23 39.3 | +0.1 |
| YM01 | baz=25 | eP | Pb | 05 23 29.9 | -0.1 |
| YM01 | baz=25 | eS | Sb | 05 23 40.4 | -0.6 |
| YM04 | baz=23 | eP | Pb | 05 23 29.9 | -0.1 |
| YM04 | baz=23 | eS | Sg | 05 23 39.3 | -0.6 |
| YM10 | baz=24 | P | Pb | 05 23 30.1 | 0.0 |
| YM10 | baz=24 | eS | Sb | 05 23 41.0 | -0.3 |
| NTST | baz=9.0 | P | Pb | 05 23 30.7 | +0.6 |
| NTST | baz=9.0 | eS | Sb | 05 23 42.2 | +1.0 |
| YM05 | baz=24 | iP | Pb | 05 23 30.3 | 0.0 |
| YM05 | baz=24 | eS | Sb | 05 23 42.0 | +0.4 |
| WNT | baz=233 | eP | Pn | 05 23 31.2 | -0.3 |
| WNT | baz=233 | eS | Sn | 05 23 43.2 | -0.7 |
| WJS | baz=224 | P | Pn | 05 23 30.6 | -1.0 |
| WJS | baz=224 | eS | Sn | 05 23 44.2 | +0.3 |
| YM11 | baz=25 | P | Pb | 05 23 30.7 | +0.4 |
| YM11 | baz=25 | eS | Sb | 05 23 40.8 | +0.4 |
| TWB1 | baz=46 | eP | Pg | 05 23 29.1 | -0.6 |
| TWB1 | baz=46 | iS | Sg | 05 23 39.6 | -0.9 |
| WHYT | baz=218 | P | Pb | 05 23 29.7 | -0.7 |
| WHYT | baz=218 | eS | Sn | 05 23 42.7 | -1.4 |
| EHY | baz=178 | iP | S | 05 23 29.7 | -0.8 |
| EHY | baz=178 | S | Sb | 05 23 41.4 | -0.4 |
| WCHH | baz=250 | eP | Pn | 05 23 31.8 | +0.1 |
| WCHH | baz=250 | eS | Sn | 05 23 45.7 | +1.4 |
| ANP | baz=21 | eP | Pb | 05 23 30.5 | 0.0 |
| ANP | baz=21 | eS | Sb | 05 23 42.2 | +0.1 |
| HGSD | baz=185 | iP | Pb | 05 23 30.5 | 0.0 |
| HGSD | baz=185 | eS | Sb | 05 23 42.5 | +0.5 |
| YM08 | baz=11 | iP | Pb | 05 23 30.4 | -0.3 |
| YM08 | baz=11 | eS | Sb | 05 23 42.4 | +0.1 |
| NWR7 | baz=13 | eP | Pn | 05 23 32.4 | +0.1 |
| NWR7 | baz=13 | P | Pb | 05 23 32.0 | -0.4 |

| | | | | | |
|-------|---------|----|----|------------|------|
| YULB | baz=173 | eS | Sb | 05 23 45.8 | +0.6 |
| YUS | baz=213 | eP | Pb | 05 23 32.7 | -0.1 |
| YUS | baz=213 | eS | Sb | 05 23 45.7 | -0.1 |
| TWF1 | baz=174 | iP | Pb | 05 23 32.7 | -0.4 |
| TWF1 | baz=174 | eS | Sb | 05 23 45.9 | -0.5 |
| EYUL | baz=192 | P | Pn | 05 23 33.3 | -0.6 |
| EYUL | baz=192 | eS | Sn | 05 23 47.4 | -0.8 |
| ALS | baz=219 | iP | Pb | 05 23 33.1 | -0.4 |
| ALS | baz=219 | eS | Sb | 05 23 45.7 | -1.4 |
| CHNS | baz=215 | iP | Pn | 05 23 34.0 | -0.3 |
| CHNS | baz=215 | eS | Sn | 05 23 49.7 | +1.0 |
| WGK | baz=230 | eP | Pn | 05 23 35.1 | +0.8 |
| WDLH | baz=228 | eP | Pn | 05 23 35.2 | +0.7 |
| WDLH | baz=228 | eS | Sn | 05 23 52.1 | +2.7 |
| RLNB | baz=243 | eP | Pn | 05 23 34.1 | -0.6 |
| RLNB | baz=243 | eS | Sn | 05 23 51.0 | +0.8 |
| FULB | baz=183 | P | Pn | 05 23 36.6 | +0.6 |
| FULB | baz=183 | eS | Sn | 05 23 53.4 | +1.6 |
| WTK | baz=232 | eP | Pn | 05 23 37.0 | +0.9 |
| WTK | baz=232 | eS | Sn | 05 23 53.5 | +1.4 |
| CHN2 | baz=224 | eP | Pn | 05 23 37.9 | +1.3 |
| CHN2 | baz=224 | eS | Pb | 05 23 55.3 | +2.4 |
| ELDTW | baz=195 | P | Pb | 05 23 35.8 | -1.0 |
| ELDTW | baz=195 | eS | Sn | 05 23 52.9 | -0.7 |
| CHKT | baz=185 | eP | Pb | 05 23 36.5 | -0.8 |
| CHY | baz=224 | eP | Pn | 05 23 38.6 | +1.2 |
| CHY | baz=224 | eS | Sn | 05 23 56.9 | +2.6 |
| TPUB | baz=212 | iP | Pn | 05 23 38.2 | +0.5 |
| TPUB | baz=212 | eS | Sn | 05 23 57.4 | +2.4 |
| WSF | baz=234 | eP | Pn | 05 23 39.5 | +1.3 |
| WSF | baz=234 | eS | Sn | 05 23 57.5 | +1.7 |
| WTP | baz=210 | P | Pn | 05 23 39.2 | +0.7 |
| WTP | baz=210 | eS | Pb | 05 23 57.4 | +1.1 |
| STYT | baz=218 | P | Pn | 05 23 38.8 | +0.3 |
| STYT | baz=218 | eS | Sn | 05 23 58.0 | +1.5 |
| WLBG | baz=230 | eP | Pn | 05 23 39.4 | +0.7 |
| EDW | baz=171 | eP | Pb | 05 23 39.8 | +0.3 |
| TKW | baz=214 | P | Pb | 05 23 40.6 | +1.0 |
| TKW | baz=214 | eS | Sn | 05 23 59.1 | +1.5 |
| SNST | baz=213 | eP | Pn | 05 23 41.3 | +1.1 |
| SNST | baz=213 | eS | Sb | 05 24 02.2 | +3.9 |
| CHN1 | baz=212 | eP | Pb | 05 23 41.1 | +0.8 |
| CHN1 | baz=212 | eS | Sn | 05 24 00.2 | +1.6 |
| ICHU | baz=237 | eP | Pb | 05 23 41.5 | +0.8 |
| ICHU | baz=237 | eS | Pb | 05 24 02.4 | +3.3 |
| YOJ | baz=165 | P | Pn | 05 23 41.0 | +0.3 |
| YOJ | baz=165 | eS | Sn | 05 24 00.4 | +1.3 |
| LONT | baz=173 | eP | Pn | 05 23 41.5 | +0.5 |
| LONT | baz=173 | eS | Sn | 05 24 00.6 | +1.1 |
| SGST | baz=197 | P | Pb | 05 23 41.4 | 0.0 |
| SGST | baz=197 | eS | Pb | 05 24 03.2 | +3.1 |
| SLGT | baz=193 | P | Pg | 05 23 43.2 | +0.3 |
| SLGT | baz=193 | eS | Sn | 05 24 05.9 | +4.7 |
| TWGBT | baz=174 | eP | Pg | 05 23 42.6 | -0.8 |
| TWGBT | baz=174 | eS | Pg | 05 24 03.0 | -0.6 |
| CHN3 | baz=217 | eP | Pg | 05 23 45.0 | +0.7 |
| CHN3 | baz=217 | eS | Pg | 05 23 44.5 | -0.4 |
| SCST | baz=243 | eP | Pg | 05 23 46.9 | +0.9 |
| SCST | baz=243 | eS | Pg | 05 23 46.7 | -0.5 |
| SSD | baz=204 | eP | Pg | 05 23 48.0 | +0.3 |
| TWMT | baz=207 | eP | Pg | 05 24 12.2 | +1.4 |
| TWMT | baz=207 | eS | Pg | 05 23 47.6 | -0.3 |
| TSMG | baz=199 | eP | Pg | 05 24 12.7 | +1.7 |
| TSMG | baz=199 | eS | Pg | 05 23 47.0 | -1.0 |
| ECL | baz=176 | eP | Pg | 05 23 48.9 | -0.7 |
| MASBT | baz=198 | eP | Pg | 05 24 13.4 | -0.5 |
| MASBT | baz=198 | eS | Pg | 05 23 48.0 | -1.8 |
| PNG | baz=247 | eP | Pn | 05 23 46.2 | 0.0 |
| PNG | baz=247 | eS | Pn | 05 23 46.2 | 0.0 |
| PHUB | baz=245 | eP | Pn | 05 23 45.6 | -0.7 |
| PHUB | baz=245 | eS | Pn | 05 23 46.2 | -0.4 |
| PTTC | baz=288 | eP | Pn | 05 23 49.0 | -0.4 |
| PTTC | baz=288 | eS | Pn | 05 23 51.4 | -0.9 |
| WDGT | baz=257 | eP | Pg | 05 23 50.7 | -1.8 |
| WDGT | baz=257 | eS | Pg | 05 24 17.6 | -1.1 |
| SSPT | baz=201 | eP | Pg | 05 23 49.7 | +0.7 |
| SSPT | baz=201 | eS | Pn | 05 24 16.0 | +0.8 |
| EAST | baz=181 | P | Pn | 05 23 51.9 | -2.0 |
| EAST | baz=181 | eS | Pn | 05 23 51.9 | -2.0 |
| IRIF | baz=163 | P | Pn | 05 23 50.0 | +0.2 |
| IRIF | baz=163 | eS | Pn | 05 23 53.3 | -0.3 |
| SCZT | baz=219 | eP | Pn | 05 23 50.3 | -0.3 |
| SCZT | baz=219 | eS | Pn | 05 23 53.4 | +1.6 |
| VCHM | baz=239 | eP | Pn | 05 23 55.6 | +1.4 |
| VCHM | baz=239 | eS | Pn | 05 24 26.3 | +1.8 |
| SLIU | baz=287 | eP | Pn | 05 23 57.3 | +0.9 |
| SLIU | baz=287 | eS | Pn | 05 24 29.4 | +0.9 |
| PTMZ | baz=287 | eP | Pn | 05 23 59.6 | +1.8 |
| PTMZ | baz=287 | eS | Pn | 05 23 58.2 | -0.1 |
| JKRS | baz=96 | P | Pn | 05 23 58.1 | -0.7 |
| JKRS | baz=96 | eS | Pn | 05 23 58.1 | -0.7 |
| JLU | baz=271 | P | Pn | 05 23 58.2 | -0.1 |
| JLU | baz=271 | eS | Pn | 05 23 58.2 | -0.1 |
| JISG | baz=273 | P | Pn | 05 23 58.2 | -0.1 |
| JISG | baz=273 | eS | Pn | 05 23 58.2 | -0.1 |
| KNM | baz=273 | P | Pn | 05 23 58.2 | -0.1 |
| KNM | baz=273 | eS | Pn | 05 23 58.2 | -0.1 |
| KNMB | baz=273 | P | Pn | 05 23 58.2 | -0.1 |
| KNMB | baz=273 | eS | Pn | 05 23 58.2 | -0.1 |
| XPSS | baz=334 | P | Pn | 05 23 58.2 | -0.1 |
| XPSS | baz=334 | eS | Pn | 05 23 58.2 | -0.1 |

| | | | | | |
|------|---------|----|----|------------|------|
| AXDP | baz=279 | eP | Pn | 05 24 04.0 | -0.2 |
| AXDP | baz=279 | eS | Pn | 05 24 05.0 | -0.2 |
| SOMM | baz=337 | P | P | 05 28 50.8 | +0.9 |
| ZALV | baz=327 | P | P | 05 30 49.5 | -1.2 |
| WRA | baz=163 | P | P | 05 31 35.1 | -0.7 |
| WRA | baz=163 | eP | P | 05 31 35.1 | -0.7 |

ANF 04 05:24:51.0-0.3, 41:76N-119:64W, ML4.4/21, Error ellipse: s-maj=4.1km s-min=2.4km az=7.0

SEA 04 05:24:52.8-3.5, 41:79N-119:65W, hOkm, hOkm, Error ellipse: s-maj=7.3km s-min=4.8km az=62.0

NEIC 04 05:24:52.2, 41:88N-119:64W, hOkm, Moment Tensor Solution. Moment tensor: Scale 10¹⁹N; Mr=1.10; Mw=0.70; M0=0.81; Mw=0.81; Mw=0.15; Mw=0.83; Fault plane solution: M0:1.97000x10¹⁵ NP1:0.32 14000°; δ68.02000°, λ=56.36000°. NP2:0.151.50000°, δ39.47000°, λ=143.92000°. Principal axes: T 2.0751, P161.0000°, Azm98.0000°; N -0.2416, P161.0000°, Azm198.0000°; P 1.5336, P161.0000°, Azm34.0000°.

REN 04 05:24:52.2-4.5, 41:78N-119:64W, h11km, 6km, ML4.2/3, ML4.2/77(SEA), Mw1.4/103(NEIC) Error ellipse: s-maj=7.4km s-min=5.4km az=55.0

IDC 04 05:24:53.3-0.6, 41:90N-119:78W, hOkm, mb3.8/2, mb1 4.0/9, mb1mx3.7/60, mbtmp3.6/9, ML3.5/6, MS3.2/12, Ms1 3.2/12, ms1mx3.0/37, Error ellipse: s-maj=7.4km s-min=5.5km az=11.0

NEIC 04 05:24:53.7-4.5, 41:91N-119:60W, h7km, 5km, Error ellipse: s-maj=3.6km s-min=2.7km az=191.0

ISC 04 05:24:52.4-0.7, 41.85N-103.33W, h5km, 5km, n88, r150/101, MS3.3/4, Nevada

| Code | Station Name | Δ | AZ | Phase ID | ISC | Time | Res |
|------|----------------|------|-----|----------|-----|------------|------|
| | | | | | | h m s | ISC |
| MOD | Modoc Plateau | 0.48 | 277 | Pg | Pg | 05 25 01.9 | +0.2 |
| MOD | Modoc Plateau | 0.48 | 277 | Pg | Sg | 05 25 09.3 | +1.4 |
| LKVV | Lakeview | 0.64 | 306 | Pg | Pg | 05 25 04.3 | -0.3 |
| LKVV | Lakeview | 0.64 | 306 | Pg | Sg | 05 25 14.2 | -1.1 |
| WVOR | Wild Horse Val | 0.96 | 52 | Sg | Pg | 05 25 10.0 | -0.9 |
| WVOR | Wild Horse Val | 0.96 | 52 | Sg | Sg | 05 25 22.4 | -1.1 |
| K05A | Summer Lake | 1.26 | 314 | Pb | Pb | 05 25 16.1 | -0.6 |
| K0 | | | | | | | |

4d 5h

Table with columns: Code, Station Name, Az, El, Pn, P, S, Sg, Sn, Ss, Time, Res. Includes stations like JLU, MPU, TCRU, MSO, etc.

SOME 04 05:25:25.8, 43.10N:77.28E, h15km, MS2.7
KRNET 04 05:25:25.8-0.1, 43.12N:77.27E, h22km, mb4.3
NIC 04 05:25:25.0-0.5, 43.06N:77.34E, h0km, mb4.3, mpv4.4,
Error ellipse: s-maj=4.5km s-min=1.9km az=4.0

Table with columns: Code, Station Name, Az, El, Pn, P, S, Sg, Sn, Ss, Time, Res. Includes stations like MDOK, KOTS, TNSS, etc.

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Main table with columns: Code, Station Name, Az, El, Pn, P, S, Sg, Sn, Ss, Time, Res. Includes stations like SATY, ZHN, KST, etc.

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Table with columns: Code, Station Name, Az, El, Pn, P, S, Sg, Sn, Ss, Time, Res. Includes stations like USP, AAK, AAK, etc.

IDC 04 05:35:20.4-0.9, 35.99N:29.19E, h0km, mb3.9/10,
mb1 4.0/18, mb1mx3.8/48, mb1tmp3.9/18, ML3.9/8, MS2.5/1,
ms1 2.5/1, ms1mx2.1/48, Error ellipse: s-maj=18.5km
s-min=13.9km az=140.0
ATH 04 05:35:24.8, 35.99N:29.14E, h40km, 1km, ML3.9/15, Error
ellipse: s-maj=2.3km s-min=0.9km az=17.0
NIC 04 05:35:24.3-0.0, 35.83N:29.17E, h23km, 1km, ML4.3/6
NEIC 04 05:35:24.9-1.1, 35.94N:0.07:29.20E:0.06, h34km, 7km,
Error ellipse: s-maj=10.3km s-min=5.9km az=160.0
ISK 04 05:35:24.7, 35.93N:29.20E, h31km, ML4.0/15
DDA 04 05:35:25.7, 35.98N:29.16E, h38km, 1km, MW4.0
THE 04 05:35:26.3, 36.02N:29.09E, h8km, 1km, ML3.9/6, Error
ellipse: s-maj=1.5km s-min=0.4km az=93.0
HLW 04 05:35:28.2, 35.59N:29.14E, h26km, 1.7km, Md4.2, M4.2
GII 04 05:35:29.3-0.0, 35.53N:29.53E, h20km, MD3.2/3,
M3.9/4/3

Table with columns: Code, Station Name, Az, El, Pn, P, S, Sg, Sn, Ss, Time, Res. Includes stations like KSL, KSL, KSL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DSI Dead Sea, THL Klokotos Trika, SWAZ, SWAZ2, PRNI Paran, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERES GERESS Array B, KHC Kasperke Hory, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOAO Torodi Ar. Sit, ARCES ARCES Array B, KURK Kurchatov, etc.

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

IDC 04 05:57:16.8±0.0, 0.22S, 97.31E, h0km, mb4.0/5, mb1.4/1.7, mb1mx3.8/37, mbmp4.1/7, ML3.8/2, Mst 2.9/2, ms1mx2.5/28, Error ellipse: s-maj=67.8km s-min=20.3km az=68.0

DJA 04 05:57:16.8±0.0, 0.22S, 97.31E, h49km, mb3.5km, M3.8/7, ML3.0/7

NEIC 04 05:57:16.8±1.4, 0.08S, 0.08E, 97.5E±0.1, h27km, 7km, mb4.4/7, Error ellipse: s-maj=18.6km s-min=9.6km az=63.0

ISC 04 05:57:16.2±0.4, 0.17S, 0.07E, 97.33E±0.08, h14km±13km, n34, ±1.01/32, mb4.3/9, Southwest of Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPSI Pulau Batu, GSI Gunungsitoli, GSI Gunungsitoli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPTI Bangkinang, BKNI Kulim, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBA Port Blair, GEYT Alibeck, BTK Batken, etc.

NEIC 04 06:39:43.4±1.1, 35.84N, 0.03E, 97.44W±0.05, h7km, 9km, Error ellipse: s-maj=6.3km s-min=3.3km az=66.0

TUL 04 06:39:43.3±1.3, 35.82N, 0.02E, 97.44W±0.05, h5km, 7km, ML3.5, Mw3.2/14(NEIC), Error ellipse: s-maj=6.4km s-min=2.4km az=67.0

ANF 04 06:39:43.1±0.5, 35.83N, 97.43W, h5km, ML4.1/11, Error ellipse: s-maj=6.8km s-min=4.9km az=160.0

NEIC 04 06:39:43.2, 35.84N, 97.46W, h5km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mrr: 1.5, Mtt: 4.82, Mss: -5.93, Mtr: 0.98, Mts: 4.60, Mrt: -3.20, Fault plane solution: Mw: 7.1, 000/1013, NP: 283, 10000, 875, 27000, 1-11, 70000, NP2: 26, 11000, 878, 69000, 1-164, 97000, Principal axes: T: 6.5234, Plg: 2.0000, Azm: 159.0000; N: 2.2681, Plg1: 7.0000, Azm2: 0.0000; P: -8.7915, Plg19: 0.0000, Azm25: 0.0000

ISC 04 06:39:43.1±0.9, 35.83N, 0.02E, 97.45W±0.03, h6km±6km, n82, ±0.83/93, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK029 Liberty Lake, BCOK Bluff Creek, N, OK009 Oakdale Elemen, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WHTX, X40A, X40A, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MHMT, Maesarieng, DZA, Taraz, etc.

DJA 04 06:59:38.9,3.5,3'S,26°12'3E,3'1,h24km,60km,M3.5/4,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KDI, Kendari, LUWI, Luwuk, etc.

PETK comp=Z,6.7nm,1.0s Petrovalovski, 18.90 286 P P 08 26 54.1+0.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOLAR, Beaver Creek A, etc.

CMMT comp=Z,30nm,1.2s Chiang Mai Arr, 38.98 67 P P 08 32 43.6+1.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SGDS, Chiang Mai Arr, etc.

REN 04 07:37:33.1,2.2,37°96N,0°03'118,66W,0.04,h6km,7km,

Error ellipse: s-maj=5.9km s-min=1.9km az=129.0 Error ellipse: s-maj=4.0km s-min=2.3km az=116.0

NCEDC 04 07:37:33.0,2.2,37°97N,0°03'118,67W,0.04,h8km,6km,

ML3.1/1.1,ML3.3/3(REN),Error ellipse: s-maj=5.5km s-min=2.2km az=124.0,California-Nevada border region

C36M comp=Z,3.9nm,1.1s Paulatuk, 28.06 34 P P 08 28 23.5+0.4

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

BR131 Keskin Array S, 41.81 328 P P 08 33 07.1+1.2

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

LHV Little Hunteon, 0.31 25 Op P 07 37 39.4+0.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDRNC, Dead Ridge, MDCM, etc.

WRA Warramunga Ar, 85.73 230 P P 08 35 13.7+2.1

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

ABKAR comp=Z,24nm,1.2s Abkulkul Array, 43.21 359 P P 08 33 17.7+0.8

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

IDC 04 08:22:31.8,1.0,51°89N,171°22W,h0km,mb3.6/9,

mb1 3.9/1.1,mb1mx3.8/5.0,mbtmp3.6/11,ML3.3/2, Error ellipse: s-maj=31.7km s-min=19.3km az=168.0

AEIC 04 08:22:35.2,51°8N,0.1,171°3W,0.1,h42km,6km,ML3.3,

mb3.9/2.5(NEIC), Error ellipse: s-maj=22.2km s-min=7.7km az=163.0

NEIC 04 08:22:35.1,51°6N,0.1,171°23W,0.1,h41km,15km,

Error ellipse: s-maj=22.7km s-min=5.5km az=161.0

ISC 04 08:22:36.4,0.8,51°8N,0.1,171°25W,0.06,h35km,n70,

n15/62,mb3.6/10, FO Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOFF, Korovin Flat P, etc.

IDC 04 08:25:13.9,0.6,5°92N,61°22E,h0km,mb4.3/17,

mb1 4.4/17,mb1mx4.2/43,mbtmp4.3/17,MS3.7/24, Ms1 3.7/24,ms1mx3.7/31, Error ellipse: s-maj=17.3km s-min=16.2km az=25.0

BUI 04 08:25:13.0,0.0,5°77N,61°11E,h10km,mb5.2/23,

mb4.7/34,Ms4.7/9,Ms7.4/4,10

NEIC 04 08:25:15.5,2.1,5°84N,0°05:61,2E,0.1,h10km,1km,

mb4.8/45, Error ellipse: s-maj=17.6km s-min=8.5km az=263.0

GCMT 04 08:25:16.5,0.4,5°77N,0°03:61,04,h12km,

MM4,8/73, Moment Tensor Solution, s13 c13: -373 c26; Duration: 0. Moment tensor: Scale 1016Nm; Mrr1 32.02; Mss0.94e-06; Mss0.39e-06; Mss0.14e-24; Mss0.58e-05; Mss1.26e-26; Best double couple: Mo1.75500e10; NP1.9e104.00000e0,836.00000e0,145.00000e0; NP2: 0e335.00000e0,865.00000e0,117.00000e0. Principal axes: T 2.0420, Plg60.0000e0, Azm285.0000e0; N -0.5780, Plg25.0000e0, Azm143.0000e0; P -1.4680, Plg16.0000e0, Azm45.0000e0; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 08:25:15.7,0.5,5°90N,0°08:61,16E,0.07,h10km,n139,

1509/124,mb4.7/64,MS3.8/24,6C-2D,Carlsberg Ridge

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

MAKZ comp=Z,360nm,20.5s Makanchi, 44.53 20 P P 08 33 26.8 -0.8

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

LBTB Labtase, 46.27 227 P P 08 33 42.9+1.0

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

GTA comp=Z,4.0nm,0.9s Gta, 48.21 40 eP P 08 33 56.9 0.0

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

BOSA comp=Z,330nm,18.2s Boshof, 48.72 223 P P 08 34 00.6 -0.3

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

VTS Vitosha, 49.60 323 P P 08 34 08.9+1.5

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

ZAAO comp=Z,15nm,1.1s Zalesovo Array, 51.61 18 P P 08 34 21.4 -0.9

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like NWLT, TWA, NACB, YOJ, NHDH, TATO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like TWF1, HATJ, KURO, ISHIGAKI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, Azimuth, Elevation, and other parameters. Includes stations like LTZ, RPZ, WKZ, MLZ, WHZ, ARMA, etc.

4d 10h

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like U38A Clayton, N33A Amariito, AMTX baz=51, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like MAW Mawson, BATI Baupata, JAY Jayapura, etc.

IDC 04 10:23:17.9; 1.2, 22.11N x 143.16E, h291km, mb3.2/9, mb1 3.5/9, mb1mx3.1/46, mbtmp3.9/9, Error ellipse: s-maj=40.4km s-min=23.4km az=91.0, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like KURS Kora Array, KLR Kuldir, WRA Waramunga Arr, etc.

JMA 04 10:34:14.4; 0.2, 43.95N x 147.93E, h0km, M4.1 SKHL 04 10:34:15.7; 0.3, 44.34N x 148.10E, h47km, 5km, mb4.5/4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like KUR Kuri'sk, KUR 420nm,0.5s, KUR 1µm,0.4s, etc.

BUI 04 10:43:42.0; 0.0, 38.27S x 178.21E, h79km, mb5.8/11, mb5.1/15, MS5.5/7, MS7.5/17

NEIC 04 10:43:44, 38.23S; 178.00E, h90km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr1.35; Mss-0.57; Mss-0.77; Mss-0.69; Mss-0.86; Mrr1.23; Fault plane solution: T 0.900000; P 0.900000; N 0.000000; NP2=32.00000; 867.00000; 1.820000; Principal axes: T 1.9417, Plg67.0000; Azm288.0000; N 0.1541, Plg8.0000; Azm36.0000; P -2.1012, Plg22.0000; Azm129.0000;

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like CNGZ Waionmatatini S, WMGZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like WHZ Whale Island, WIZ White Island, WSRZ Shannon Station, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like BUI 04 10:43:42.0; 0.0, 38.27S x 178.21E, h79km, mb5.8/11, etc.

IDC 04 10:08:19.0; 0.9, 49.05S x 125.52E, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.9/25, mbtmp3.9/6, MS3.8/9, MS1 3.8/9, ms1mx3.5/28, Error ellipse: s-maj=49.9km s-min=21.0km az=99.0

ISC 04 10:08:20.0; 0.9, 49.1S; 0.1, 125.6E; 0.3, h10km, n18, 0.025/10, mb4.0/5, MS3.8/8, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

IDC 04 10:43:45.0; 0.7, 38.08S x 177.92E, h82km, 4km, mb4.7/18, mb1 4.8/19, mb1mx4.6/31, mbtmp5.0/19, MS3.6/6, MS1 3.5/6, ms1mx3.3/27 Error ellipse: s-maj=18.2km s-min=15.0km az=35.0

NEIC 04 10:43:45.0; 0.2, 38.03S; 0.05; 177.83E; 0.07, h82km, 4km, Error ellipse: s-maj=10.1km s-min=3.8km az=133.0

WEL 04 10:43:45.3; 38.5S; 1.177E; h77km, 1km, M4.7/47, ML5.0/47, MLV4.7/47; Error ellipse: s-maj=0.0km s-min=0.0km az=87.9

GCMT 04 10:43:47.0; 0.4, 38.10S; 0.03; 177.80E; 0.03, h77km, 5km, MW4.8/68, Moment Tensor Solution. s19.c23; s68.c82; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr1.35t.16; Mss-1.24t.16; Mss-0.10t.19; Mss-0.83t.08; Mss-0.77t.12; Mrr1.61t.08; Best double couple: M=3.25400x10^16; NP1=267.00000; 827.00000; 1.137.00000; NP2=37.00000; 872.00000; 1.70.00000; Principal axes: T 2.4120, Plg58.0000; Azm279.0000; N -0.1120, Plg19.0000; Azm44.0000; P -2.2970, Plg24.0000; Azm143.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 10:43:45.2; 0.4, 38.07S; 0.03; 177.79E; 0.03, h83km, 3km, h83km, n13, p-n03, s152/316, mb5.2/17, n18, 0.12N, Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like RUGZ Raukumara Rang, RWGZ Raukumara Rang, TWGZ Tauwhareparae, etc.

NEIC 04 10:43:45.0; 0.2, 38.03S; 0.05; 177.83E; 0.07, h82km, 4km, Error ellipse: s-maj=10.1km s-min=3.8km az=133.0

WEL 04 10:43:45.3; 38.5S; 1.177E; h77km, 1km, M4.7/47, ML5.0/47, MLV4.7/47; Error ellipse: s-maj=0.0km s-min=0.0km az=87.9

GCMT 04 10:43:47.0; 0.4, 38.10S; 0.03; 177.80E; 0.03, h77km, 5km, MW4.8/68, Moment Tensor Solution. s19.c23; s68.c82; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr1.35t.16; Mss-1.24t.16; Mss-0.10t.19; Mss-0.83t.08; Mss-0.77t.12; Mrr1.61t.08; Best double couple: M=3.25400x10^16; NP1=267.00000; 827.00000; 1.137.00000; NP2=37.00000; 872.00000; 1.70.00000; Principal axes: T 2.4120, Plg58.0000; Azm279.0000; N -0.1120, Plg19.0000; Azm44.0000; P -2.2970, Plg24.0000; Azm143.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 04 10:43:45.2; 0.4, 38.07S; 0.03; 177.79E; 0.03, h83km, 3km, h83km, n13, p-n03, s152/316, mb5.2/17, n18, 0.12N, Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like RUGZ Raukumara Rang, RWGZ Raukumara Rang, TWGZ Tauwhareparae, etc.

4d 12h

2.2nm,0.4s,baz=44,slow=4.5,SNR=8.1
Mount Meron Ar 147.19 300 PKPbc PKIKP 12 32 59.4 -0.8

TAP 04 12:14:01.3,24'90N,122'46E,h15km,ML3.3,C
JMA 04 12:14:01.7,0.1,24'81N,122'45E,h2km,M2.6
ISC 04 12:14:01.7,1.0,24'85N,0'03,122'45E,0'02,h9km,9km,
n63,c0539/93,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like TWB1 Santiao Chiao, TWB1 Toucheng, NTC Toucheng, etc.

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Table with columns: EHY, Hungye, 1.68 218 eP, Pg, 12 14 33.7 -0.3. Rows include SMLT Sun Moon Lake, WDJ Dajia District, etc.

ATH 04 12:24:29.8,37'47N,21'78E,h22km,ML3.4/14,Error
ellipse: s-maj=1.1km,s-min=0.8km,az=234.0
THE 04 12:24:30.6,37'46N,21'81E,h18km,ML3.4/15,Error
ellipse: s-maj=0.8km,s-min=0.4km,az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AMT Artemida-Makis, DRO Drossia, etc.

150

Table with columns: ANX, comp=E,2um,0.5s, S, Sn, 12 25 06.2 +0.4. Rows include VLI Veliai, VLS Velaisanata, etc.

MAN 04 12:36:59.9,10'23N,124'14E,h7km,mb3.9,ML2.7,MS2.2,
1D,Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LLLP Lapu-Lapu, MSLP Maasin, etc.

TEH 04 12:46:56.3,32'70N,47'53E,h14km,ML3.1
ISC 04 12:46:56.7,0.4,32'70N,47'56E,h14km,3km,ML2.9
ISC 04 12:46:57.0,0.9,32'68N,0'04,47'54E,0'04,h10km,n27,
c1523/32,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include IKFM Katar-mosalmal, IKFM Kamar-syah, etc.

IDC 04 12:49:03.6,0.9,1'88N,126'20E,h0km,mb3.9/8,
mb1.4,0.9,mb1mx3.8/37,mbtm3.9/9,ML3.9/1,MS3.1/3,
ms1.3,1.3,ms1mx2.6/41,Error ellipse: s-maj=61.7km
s-min=16.0km,az=82.0
DJA 04 12:49:07.0,0.3,2'N,4'x12'7E,.,h10km,M4.2/12,mb4.2/6,
MLv4.1/12
NEIC 04 12:49:10.3,0.8,2'ONL0'1x126'7E,0'1,h58km,10km,
mb4.2/14,19,Error ellipse: s-maj=19.4km,s-min=10.2km,
az=48.0
ISC 04 12:49:10.0,0.6,2'02N,0'06x126'66E,0'09,h47km,n40,
c1524/37,mb4.1/14,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TATI Ternate, SGTI Sangihe, KMSI Cibinong, etc.

IDD 04 13:09:04.6:1.4, 40.56N:125.28W, h0km, mb3.6/4, mb1.3/11, mb1mx3.7/40, mbimp3.6/11, ML3.3/7, MS3.3/12, Ms1.3/12, ms1mx3.1/37, Error ellipse: s-maj=19.1km s-min=13.8km az=32.0

NEIC 04 13:09:06.8:2.4, 40.38N:125.22W:0.1, h16km,6km, Error ellipse: s-maj=11.2km s-min=6.7km az=86.0

NEIC 04 13:09:06.4:4.0, 39N:125.36W, h21km, Moment Tensor Solution - Moment tensor: Scale 10^15Nm, Mv=0.36; Mw=0.22; Mw=0.57; Mw=0.62; Mw=3.27; Mw=0.59; Fault plane solution: M3.42000:1015 NP1.84,11000, 380.34000, .17.50000. NP2.92,85000, 862.61000, 170.26000. Principal axes: T 3.6539, Plg12.0000, Azm48.0000; N -0.5382, Plg78.0000; Azm236.0000; P -3.1158, Plg2.0000, Azm139.0000

NCEDC 04 13:09:06.4:3.4, 40.39N:125.38W:0.09, h24km,7km, Mw4.3/9, mb4.1/5(NEIC) Error ellipse: s-maj=0.0km s-min=0.0km az=178.0

ANF 04 13:09:07.6:0.8, 40.59N:125.16W, h5km, ML3.8/16, Error ellipse: s-maj=18.1km s-min=5.0km az=82.0

ISC 04 13:09:04.5:3.3, 40.51N:125.33W:0.06, h3km,21km, n120, c181/126, MS3.3/7, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSMW Slide Mountain, JCC Jacoby Creek, KCRM Chalk Rock, etc.

Table with columns: AFDM, Forest Hills D, 3.71 114 Pn Pn 13 10 01.4 -1.3. Includes stations like I02D Swisshome, BEKR Beckworth, I04A Tendick Farm, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DDMP Don Marcelino, DMPP Mati, DAV Davao City (W), etc.

4d 14h

Table with columns: GAR, BRVK, NRIK, ARCES, ARCES, FINES, Code, Station Name, Station Name, Phase ID, Time Res, etc.

JMA 04 13:58:17.7-0.1, 24.17N, 122.54E, h61km, 3km, M1.8
TAP 04 13:58:19.2, 24.20N, 122.50E, h52km, M1.2, 7.0
ISC 04 13:58:18.8, 1.2, 24.17N, 0.04, 122.56E, 0.02, h47km, 1.6km, n59, c1504/97, Taiwan region

Main table of station data for the 4d 14h event, listing station names, coordinates, and seismic parameters.

2014 DEC

Table of station data for the 2014 DEC event, including station names like CHNS, WDLH, TWGB, etc.

UPA 04 14:01:05.7-1.2, 9.54N, 79.36W, h10km, 3km, MVW4.4
ISC 04 14:01:04.6, 1.2, 9.66N, 0.06, 79.32W, 0.03, h20km, 4km, n60, c181/86, 5C-9D, Panama

Main table of station data for the 2014 DEC event, listing station names like MIRA3, CHPO, MAD3, etc.

NEIC 04 14:36:02.8, 1.6, 25.26S, 0.08, 179.8E, 0.2, h512km, 7km, mb4.6/24, Error ellipse: s-maj=21.7km s-min=7.6km

IDC 04 14:36:02.8, 1.6, 25.22S, 179.79E, h504km, 10km, mb4.0/24, mb1.4/0.27, mb1mx3.8/5.1, mbtpm4.8/27, Error ellipse: s-maj=13.5km s-min=12.7km az=159.0

BUI 04 14:36:03.0, 0.0, 25.40S, 179.70E, h519km, mb5.1/11, mb4.8/16

Main table of station data for the NEIC event, listing station names like RIZ, RAO, RAO, etc.

152

Main table of station data for the 152 event, listing station names like URZ, URZ, URZ, etc.

4d 15h

| | | | | | |
|----------------|-----------|----------|---|----|-----------------|
| GTOI | Corontalo | 3.85 251 | P | Pn | 15 35 59.3 +1.3 |
| MRSI | Marisa | 4.91 253 | P | Pn | 15 36 12.7 0.0 |
| MSAI | Masohi | 5.71 156 | P | Pn | 15 36 23.2 -0.4 |
| 0.1nm16nm,0.6s | | | | | |
| APSI | Ampana | 5.73 241 | P | Pn | 15 36 23.7 -0.2 |
| 0.1nm12nm,0.6s | | | | | |

JMA 04 15:41:02.7±0.1,23°25'N,121°62'E,h42km,3km,M3.8
 TAP 04 15:41:04.0,23°26'N,121°58'E,h40km,ML3.9,B
 ISC 04 15:41:03.5±1.0,23°24'N,02°12'16.5E,0.02,h33km,2km,
 n136,σ19°01/222,17C-6D,Taiwan

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | h | Time | Res |
|-------|----------------|------|-----|----------|-----|----|---------|------|
| CHKT | Chengkung | 0.29 | 241 | iiP | Pb | 15 | 41 11.6 | +0.4 |
| CHKT | baz=224 | | | eS | Sn | 15 | 41 17.5 | +1.4 |
| EYUL | Yuli | 0.32 | 289 | iP | Pb | 15 | 41 12.3 | +0.8 |
| HGSD | Ruisui | 0.32 | 321 | iiP | Pb | 15 | 41 11.9 | +0.3 |
| HGSD | baz=329 | | | eS | Sn | 15 | 41 19.1 | +2.1 |
| FULB | Fuli | 0.33 | 263 | iiP | Pb | 15 | 41 12.0 | +0.3 |
| FULB | baz=256 | | | S | Sn | 15 | 41 19.8 | +2.6 |
| TWF1 | Yuli | 0.34 | 289 | iiP | Pb | 15 | 41 12.2 | +0.4 |
| TWF1 | baz=290 | | | S | Sb | 15 | 41 18.1 | +0.6 |
| YULB | Yu-li | 0.35 | 295 | iiP | Pb | 15 | 41 12.3 | +0.3 |
| YULB | baz=297 | | | S | Sb | 15 | 41 18.2 | +0.4 |
| EHY | Hungye | 0.40 | 312 | iiP | Pb | 15 | 41 12.8 | +0.1 |
| EHY | baz=305 | | | S | Sb | 15 | 41 19.0 | +0.2 |
| EDH | Donghe | 0.41 | 230 | iiP | Pb | 15 | 41 13.1 | +0.3 |
| EDH | baz=217 | | | S | Sb | 15 | 41 19.7 | +0.5 |
| EGFH | Guangfu | 0.47 | 335 | iiP | Pb | 15 | 41 13.9 | +0.2 |
| EGFH | baz=330 | | | eS | Sb | 15 | 41 21.5 | +0.8 |
| LONT | Longtian | 0.58 | 235 | iiP | Pb | 15 | 41 15.1 | -0.3 |
| LONT | baz=238 | | | eS | Sb | 15 | 41 23.4 | -0.1 |
| ELDTW | Lidau | 0.58 | 265 | iiP | Pb | 15 | 41 14.8 | -0.7 |
| ELDTW | baz=256 | | | eS | Sb | 15 | 41 22.3 | -1.5 |
| LDUT | Ludao | 0.59 | 196 | eP | Pn | 15 | 41 16.3 | +0.8 |
| LDUT | baz=183 | | | eS | Sb | 15 | 41 23.6 | -0.2 |
| ESL | Shilin | 0.60 | 341 | iiP | Pb | 15 | 41 15.1 | -0.7 |
| ESL | baz=338 | | | eS | Sb | 15 | 41 23.3 | -0.9 |
| TTN | Taitung | 0.67 | 224 | eP | Pb | 15 | 41 16.9 | 0.0 |
| TTN | baz=228 | | | eS | Sn | 15 | 41 28.0 | +2.1 |
| TWGBT | Beinan | 0.67 | 231 | iiP | Pb | 15 | 41 16.0 | -0.9 |
| TWGBT | baz=235 | | | eS | Sb | 15 | 41 24.7 | -1.3 |
| YUS | Yu-Shan | 0.68 | 291 | iP | Pb | 15 | 41 17.1 | -0.4 |
| YUS | baz=292 | | | eS | Sb | 15 | 41 27.9 | +0.2 |
| HWA | Hwalien | 0.73 | 357 | P | Pn | 15 | 41 17.5 | 0.0 |
| HWA | baz=10.0 | | | eS | Sb | 15 | 41 27.9 | +0.2 |
| ALS | Alishan | 0.82 | 289 | iP | Pn | 15 | 41 19.2 | +0.2 |
| ALS | baz=289 | | | S | Sb | 15 | 41 30.0 | -0.4 |
| STYT | Tauyuan | 0.82 | 265 | iiP | Pn | 15 | 41 18.7 | -0.1 |
| STYT | baz=262 | | | eS | Sn | 15 | 41 29.2 | -0.6 |
| OWD | Renai | 0.83 | 329 | iiP | Pn | 15 | 41 18.6 | -0.4 |
| OWD | baz=339 | | | eS | Sn | 15 | 41 28.7 | -1.5 |
| SSLB | Suanglung | 0.84 | 311 | iiP | Pn | 15 | 41 18.8 | -0.2 |
| SSLB | baz=313 | | | eS | Sn | 15 | 41 29.2 | -0.9 |
| TWD | Chiawan | 0.84 | 357 | P | Pn | 15 | 41 18.6 | -0.3 |
| TWD | baz=349 | | | S | Sn | 15 | 41 29.8 | -0.3 |
| WHYT | Xinyi Township | 0.86 | 302 | iiP | Pn | 15 | 41 19.8 | +0.5 |
| WHYT | baz=305 | | | S | Sn | 15 | 41 30.7 | 0.0 |
| ECL | Taimali | 0.90 | 225 | P | Pn | 15 | 41 18.6 | -1.3 |
| ECL | baz=220 | | | eS | Sn | 15 | 41 29.5 | -2.2 |
| CHGB | Renai | 0.92 | 332 | iiP | Pn | 15 | 41 20.3 | -0.1 |
| CHGB | baz=342 | | | eS | Sn | 15 | 41 31.2 | -1.4 |
| NACB | Ninganchiao | 0.93 | 357 | iP | Pn | 15 | 41 19.8 | -0.5 |
| NACB | baz=349 | | | eS | Sn | 15 | 41 31.6 | -0.9 |
| SMLT | Sun Moon Lake | 0.94 | 313 | iiP | Pn | 15 | 41 20.7 | +0.3 |
| SMLT | baz=319 | | | eS | Sn | 15 | 41 33.5 | +0.7 |
| TPUB | Ta-pu | 0.94 | 274 | iP | Pn | 15 | 41 20.8 | +0.5 |
| TPUB | baz=272 | | | S | Sn | 15 | 41 33.5 | +0.8 |
| WTP | Ta-pu | 0.95 | 271 | iiP | Pn | 15 | 41 21.4 | +0.8 |
| WTP | baz=268 | | | S | Sn | 15 | 41 34.2 | +1.2 |
| SLGT | Liugui | 0.95 | 255 | iiP | Pn | 15 | 41 21.1 | +0.5 |
| SLGT | baz=252 | | | eS | Sn | 15 | 41 33.9 | +0.9 |
| CHNS | Tsauling | 0.96 | 292 | iP | Pn | 15 | 41 21.5 | +0.8 |
| CHNS | baz=292 | | | S | Sn | 15 | 41 33.5 | +0.3 |
| WHF | Hehuan Shan | 0.96 | 339 | iP | Pn | 15 | 41 20.6 | -0.5 |
| WHF | baz=342 | | | eS | Sn | 15 | 41 32.4 | -1.5 |
| ETLH | Xiulin Townshi | 0.97 | 351 | P | Pn | 15 | 41 20.4 | -0.6 |
| ETLH | baz=355 | | | eS | Sn | 15 | 41 32.0 | -1.6 |
| SGST | Jashian | 0.99 | 261 | iiP | Pn | 15 | 41 20.9 | -0.2 |
| SGST | baz=253 | | | eS | Sn | 15 | 41 34.1 | +0.2 |
| WJS | Zhushan | 1.02 | 305 | P | Pn | 15 | 41 22.6 | +1.0 |
| WJS | baz=306 | | | eS | Sn | 15 | 41 36.0 | +1.3 |
| DPDB | Guoxing | 1.03 | 320 | iiP | Pn | 15 | 41 22.2 | +0.5 |
| DPDB | baz=322 | | | eS | Sn | 15 | 41 35.9 | +0.9 |
| CHN1 | Nanshi | 1.03 | 267 | iP | Pn | 15 | 41 22.5 | +0.8 |
| CHN1 | baz=264 | | | S | Sb | 15 | 41 37.5 | +1.4 |
| SSD | Sandimen | 1.06 | 242 | iP | Pn | 15 | 41 22.0 | 0.0 |
| SSD | baz=233 | | | eS | Sn | 15 | 41 36.3 | +0.8 |
| SNST | Tainan City | 1.06 | 269 | iP | Pn | 15 | 41 22.9 | +0.9 |
| SNST | baz=267 | | | eS | Sb | 15 | 41 37.8 | +1.0 |
| TSMG | Majia | 1.06 | 240 | iP | Pn | 15 | 41 22.4 | +0.2 |

2014 DEC

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | h | Time | Res |
|-------|----------------|------|-----|----------|-----|----------------------------------|---------|------|
| TSMG | baz=231 | | | eS | Sn | 15 <th>41 35.8</th> <th>0.0</th> | 41 35.8 | 0.0 |
| TWK | Hsiung | 1.06 | 272 | P | Pn | 15 | 41 22.8 | +0.6 |
| TWK | baz=269 | | | eS | Sn | 15 | 41 37.2 | +1.4 |
| FUSS | Fushou | 1.07 | 340 | P | Pn | 15 | 41 22.7 | +0.3 |
| FUSS | baz=351 | | | eS | Sn | 15 | 41 35.9 | -0.3 |
| WNT | Mingjian | 1.09 | 306 | P | Pn | 15 | 41 23.4 | +0.9 |
| WNT | baz=307 | | | eS | Sn | 15 | 41 37.6 | +1.3 |
| WKG | Gukung | 1.09 | 294 | iP | Pn | 15 | 41 23.6 | +1.1 |
| WKG | baz=294 | | | S | Sb | 15 | 41 38.3 | +0.5 |
| TDCB | Techi | 1.10 | 336 | iiP | Pn | 15 | 41 23.2 | +0.4 |
| TDCB | baz=346 | | | eS | Sn | 15 | 41 35.9 | -1.0 |
| WDLH | Douliu | 1.11 | 294 | iP | Pn | 15 | 41 24.1 | +1.3 |
| WDLH | baz=303 | | | S | Sb | 15 | 41 39.5 | +1.1 |
| CHN2 | Minshiang | 1.11 | 285 | eP | Pn | 15 | 41 23.6 | +0.8 |
| CHN2 | baz=284 | | | eS | Sb | 15 | 41 39.4 | +0.9 |
| SCST | Cishan | 1.12 | 252 | iP | Pb | 15 | 41 24.8 | +0.5 |
| SCST | baz=248 | | | eS | Sb | 15 | 41 40.2 | +1.6 |
| MASBT | Mashbuluo | 1.12 | 236 | iP | Pn | 15 | 41 23.0 | +0.1 |
| MASBT | baz=228 | | | eS | Sn | 15 | 41 37.3 | 0.0 |
| EAST | Anshuo | 1.13 | 221 | iP | Pn | 15 | 41 22.2 | -0.8 |
| EAST | baz=216 | | | eS | Sn | 15 | 41 36.8 | -0.6 |
| CHY | Chiayi | 1.15 | 283 | eP | Pn | 15 | 41 24.0 | +0.7 |
| CHY | baz=282 | | | eS | Sn | 15 | 41 39.3 | +1.4 |
| SGLT | Jiouru | 1.18 | 244 | eP | Pb | 15 | 41 25.8 | +0.4 |
| SGLT | baz=241 | | | iP | Pn | 15 | 41 23.9 | +0.1 |
| ENA | Nanau | 1.19 | 4 | iP | Pn | 15 | 41 28.6 | -0.2 |
| ENA | baz=18 | | | eS | Sn | 15 | 41 25.9 | +0.3 |
| CHN3 | Shinhua | 1.19 | 262 | eP | Pb | 15 | 41 25.9 | +0.3 |
| CHN3 | baz=272 | | | eS | Sb | 15 | 41 43.2 | +2.6 |
| LAY | Lan-yu | 1.20 | 184 | eP | Pn | 15 | 41 22.2 | -1.8 |
| LAY | baz=173 | | | eS | Pn | 15 | 41 26.3 | +0.6 |
| TWMI | Shoushan | 1.20 | 250 | eP | Pn | 15 | 41 24.3 | +0.1 |
| TWMI | baz=247 | | | eS | Sn | 15 | 41 37.2 | -2.3 |
| NNSB | Datong | 1.21 | 349 | P | Pn | 15 | 41 24.6 | +0.4 |
| NNSB | baz=351 | | | eS | Sn | 15 | 41 29.3 | -0.1 |
| NNSH | Datong | 1.21 | 349 | eP | Pn | 15 | 41 24.6 | +0.4 |
| NNSH | baz=360 | | | eS | Sn | 15 | 41 34.5 | -0.1 |
| ENAH | Nanao | 1.21 | 7 | eP | Pn | 15 | 41 23.9 | 0.0 |
| ENAH | baz=10.0 | | | eS | Sn | 15 | 41 39.4 | 0.0 |
| WHP | Taichung City | 1.22 | 328 | eP | Pn | 15 | 41 25.2 | +0.9 |
| WHP | baz=335 | | | eS | Sb | 15 | 41 41.9 | +0.4 |
| NNS | Nan Shan | 1.22 | 348 | eP | Pn | 15 | 41 24.6 | +0.3 |
| NNS | baz=1.0 | | | eS | Sn | 15 | 41 25.0 | +0.5 |
| WTK | Tuku | 1.24 | 291 | eP | Pn | 15 | 41 25.0 | +0.5 |
| WTK | baz=291 | | | eS | Sn | 15 | 41 41.4 | +1.4 |
| SSPT | Xinbi | 1.25 | 233 | P | Pn | 15 | 41 25.8 | +1.2 |
| SSPT | baz=222 | | | P | Pn | 15 | 41 24.5 | -0.3 |
| WLBG | Puzi | 1.26 | 281 | P | Pn | 15 | 41 40.7 | +0.1 |
| WLBG | baz=280 | | | eS | Sn | 15 | 41 25.8 | +1.0 |
| ICHU | Yijiu | 1.26 | 276 | P | Pn | 15 | 41 42.4 | +1.7 |
| ICHU | baz=274 | | | eS | Sn | 15 | 41 26.6 | +1.7 |
| TCU | Taichung | 1.27 | 316 | P | Pn | 15 | 41 43.0 | +0.1 |
| TCU | baz=305 | | | eS | Sb | 15 | 41 25.5 | +0.4 |
| SCZT | Fangliu | 1.28 | 228 | P | Pn | 15 | 41 25.5 | +0.4 |
| SCZT | baz=216 | | | eP | Pn | 15 | 41 24.6 | -0.5 |
| SLIU | Shizi | 1.28 | 218 | eP | Pn | 15 | 41 26.9 | +1.6 |
| SLIU | baz=202 | | | eS | Sb | 15 | 41 43.9 | +0.1 |
| WCHH | Zhanghua | 1.30 | 310 | P | Pn | 15 | 41 26.9 | +1.6 |
| WCHH | baz=311 | | | eS | Sb | 15 | 41 43.9 | +0.1 |
| SNJT | Kaoshiung City | 1.30 | 248 | eP | Pb | 15 | 41 27.8 | +0.3 |
| SNJT | baz=244 | | | eS | Sb | 15 | 41 43.9 | +0.1 |
| CHNB | Yiju | 1.32 | 275 | P | Pn | 15 | 41 26.4 | +0.7 |
| CHNB | baz=273 | | | S | Sn | 15 | 41 43.3 | +1.2 |
| SCLT | Jiali | 1.34 | 267 | P | Pn | 15 | 41 26.6 | +0.9 |
| SCLT | baz=265 | | | eS | Sn | 15 | 41 44.0 | +1.6 |
| RLNB | Erin | 1.35 | 299 | P | Pn | 15 | 41 27.0 | +1.0 |
| RLNB | baz=299 | | | eS | Sn | 15 | 41 44.1 | +1.4 |
| NDT | Datong Townshi | 1.36 | 355 | eP | Pn | 15 | 41 27.5 | +1.3 |
| NDT | baz=359 | | | eP | Pn | 15 | 41 26.8 | +0.6 |
| WSF | Szhu | 1.37 | 287 | eP | Pn | 15 | 41 43.9 | +0.7 |
| WSF | baz=286 | | | eS | Sn | 15 | 41 27.4 | +1.0 |
| TWC | Suao | 1.38 | 8 | eP | Pn | 15 | 41 27.4 | +1.0 |
| TWC | baz=12 | | | eP | Pn | 15 | 41 27.1 | +0.4 |
| ENTT | Nioudou | 1.40 | 357 | eP | Pn | 15 | 41 27.6 | +0.6 |
| ENTT | baz=294 | | | eP | Pn | 15 | 41 28.9 | +1.8 |
| WMLT | Mailiao | 1.42 | 294 | eP | Pn | 15 | 41 29.0 | +1.8 |
| WMLT | baz=327 | | | eS | Sb | 15 | 41 47.6 | +0.2 |
| NSY | Sanyi | 1.42 | 325 | P | Pn | 15 | 41 29.0 | +1.8 |
| NSY | baz=327 | | | eS | Sb | 15 | 41 48.4 | +0.7 |
| WDJ | Dajia District | 1.44 | 320 | P | Pn | 15 | 41 28.2 | +0.8 |
| WDJ | baz=335 | | | eS | Sb | 15 | 41 | |

4d 17h

| | | | | | | |
|-------|------------------------------------|-----------|----|----|------------|------|
| IKAL | Kalfafell | 0.73 191 | P | Pb | 16 26 21.4 | -1.0 |
| IKAL | vaz=188 | | S | Pb | 16 26 31.8 | -0.4 |
| IVAT | Vatnsfell | 0.82 236 | P | Sg | 16 26 22.5 | -1.5 |
| IADA | Aaalbol | 0.85 64 | P | Pn | 16 26 23.4 | -2.0 |
| IADA | vaz=66 | | S | Sn | 16 26 35.6 | -2.0 |
| IFAG | Fagurholmsmyri | 0.85 158 | P | Pn | 16 26 23.6 | -1.8 |
| IFAG | vaz=156 | | S | Sn | 16 26 35.7 | -1.9 |
| IMEL | Melnausar | 0.96 18 | P | Pg | 16 26 25.1 | -1.5 |
| IHVE | Hveravellir | 0.97 284 | P | Pg | 16 26 24.2 | -2.5 |
| IREN | Reynihlio | 1.01 11 | P | Pg | 16 26 25.8 | -1.7 |
| IREN | vaz=13 | | S | Sg | 16 26 39.5 | -1.2 |
| IKVO | Krokotuvotn | 1.08 11 | P | Pg | 16 26 26.9 | -1.9 |
| ISNB | Snabylfi | 1.08 211 | P | Pg | 16 26 27.0 | -1.8 |
| IGRS | Grimstaioir | 1.11 27 | P | Pb | 16 26 27.8 | -1.2 |
| IRJU | Rjupnafell | 1.19 209 | P | Pg | 16 26 29.2 | -1.8 |
| IFED | Fedgar | 1.20 239 | P | Pg | 16 26 29.2 | -1.9 |
| ISKI | Skildingahls | 1.22 6 | P | Pg | 16 26 29.3 | -2.3 |
| IGHA | Gjohthals | 1.23 14 | P | Pg | 16 26 29.1 | -2.4 |
| IMJO | Mjoaskard | 1.24 235 | P | Pg | 16 26 29.8 | -2.1 |
| IGRA | Granastaor | 1.27 356 | P | Pn | 16 26 29.9 | -1.4 |
| IGYV | Gyjarholshokst | 1.29 254 | P | Pn | 16 26 29.9 | -1.7 |
| IHVO | Lagu-Hvolar | 1.31 210 | P | Pn | 16 26 31.1 | -0.8 |
| IDIM | Dimmadalss | 1.32 8 | P | Pn | 16 26 30.8 | -1.2 |
| IHAU | Haukadalar | 1.33 240 | P | Pn | 16 26 31.6 | -0.5 |
| IHLA | Hella | 1.36 342 | P | Pn | 16 26 31.3 | -1.2 |
| IHLA | vaz=344 | | S | Sb | 16 26 49.4 | -1.0 |
| IALF | Alftargrof | 1.42 215 | P | Pn | 16 26 33.1 | -0.2 |
| IHED | Heoinshofoi | 1.43 1 | P | Pn | 16 26 32.5 | -1.0 |
| IESK | Eystri-Skogar | 1.46 220 | P | Pn | 16 26 33.6 | -0.3 |
| IGIL | Gilgahi | 1.49 16 | P | Pn | 16 26 33.4 | -0.8 |
| IBRE | Brettingsstaoi | 1.49 351 | P | Pn | 16 26 33.4 | -0.9 |
| ISAU | Saurbar | 1.49 245 | P | Pn | 16 26 33.0 | -1.3 |
| ISIG | Sigluflourour | 1.61 337 | P | Pn | 16 26 35.0 | -1.0 |
| ISIG | vaz=338 | | S | Sn | 16 26 56.4 | -0.2 |
| IASM | Asmuli | 1.64 241 | P | Pn | 16 26 36.4 | 0.0 |
| BORG | Borgarnes | 1.71 275 | Pg | Pn | 16 26 36.1 | -1.1 |
| BORG | 14nm,0.3s,baz=85,slow=52,SNR=28 | | Lg | Lg | 16 27 00.1 | |
| BORG | 9.5nm,0.3s,baz=53,slow=14,SNR=14 | | Lg | Lg | 16 27 00.1 | |
| ISOL | Solvhoit | 1.73 246 | P | Pn | 16 26 37.5 | 0.0 |
| IKRO | Krokur | 1.73 253 | P | Pn | 16 26 37.4 | -0.2 |
| SCO | Scoresbysund | 6.11 345 | iP | Pn | 16 27 40.4 | +2.8 |
| SCO | Scoresbysund | 6.11 345 | eP | Pn | 16 27 40.4 | +2.8 |
| EKA | Eskdalemyri | 11.71 136 | Pn | Pn | 16 26 57.8 | +3.3 |
| ARCES | ARCESS Array B | 17.07 55 | P | P | 16 30 06.7 | -0.9 |
| GERES | GERES Array B | 22.90 119 | P | P | 16 31 12.0 | +0.9 |
| ILAR | Eielson Array | 45.72 332 | P | P | 16 34 31.4 | +3.7 |
| KURB | Kurchatov Arra | 46.11 58 | P | P | 16 34 49.4 | +2.7 |
| TORD | Tordi Ar. Bea | 53.11 157 | P | P | 16 35 26.7 | +1.8 |
| TORD | 0.8nm,0.8s,baz=342,slow=10,SNR=4.1 | | LR | LR | 16 57 55.5 | |
| PDAR | Pinedale Array | 53.23 293 | P | P | 16 35 25.8 | -0.1 |
| PDAR | 0.8nm,0.8s,baz=41,slow=4.7,SNR=5.3 | | | | | |

TAP 04 16:40:20.8,24.45N:121.89E,h18km,ML1.7,1C,C

| Code | Station Name | Δ° AZ° | Phase ID | ISC | Time | Res |
|------|----------------|----------|----------|-------|------------|------|
| | | | Op | h m s | ISC | |
| ENAH | Nanao | 0.07 270 | iP | Pg | 16 40 24.2 | 0.0 |
| ENAH | vaz=271 | | S | Sg | 16 40 26.6 | +0.1 |
| ENA | Nanau | 0.14 261 | iP | Pg | 16 40 24.9 | 0.0 |
| ENA | vaz=259 | | S | Sg | 16 40 27.6 | -0.1 |
| TWC | Suao | 0.16 346 | iP | Pg | 16 40 25.3 | +0.1 |
| TWC | vaz=357 | | S | Sg | 16 40 27.9 | -0.3 |
| TWE | Wetsheng | 0.34 323 | P | Pb | 16 40 28.2 | -0.1 |
| TWE | vaz=325 | | S | Sg | 16 40 32.8 | -0.1 |
| ENTT | Nicoudou | 0.35 303 | iP | Pb | 16 40 28.7 | +0.1 |
| ENTT | vaz=303 | | S | Pb | 16 40 33.3 | 0.0 |
| NDT | Datong Townshi | 0.38 294 | iP | S | 16 40 29.2 | +0.2 |
| NDT | vaz=293 | | S | Sb | 16 40 34.4 | -0.1 |
| NACB | Ninganchiao | 0.39 225 | iP | Pg | 16 40 28.1 | -0.7 |
| NACB | vaz=224 | | S | Sg | 16 40 34.1 | -0.1 |
| ETLH | Xiulin Townshi | 0.45 237 | P | Pb | 16 40 29.4 | -0.5 |
| ETLH | vaz=236 | | S | Sb | 16 40 36.3 | -0.2 |
| NNSB | Datong | 0.47 267 | P | Pg | 16 40 30.3 | 0.0 |
| NNSB | vaz=267 | | S | Sg | 16 40 36.4 | -0.2 |
| NNSH | Datong | 0.47 267 | iP | Pb | 16 40 30.4 | -0.1 |
| NNSH | vaz=267 | | S | Sg | 16 40 36.1 | -0.5 |
| NNS | Nan Shan | 0.47 269 | iP | P | 16 40 30.5 | +0.1 |
| NNS | vaz=268 | | S | Sg | 16 40 36.6 | -0.3 |
| NWLT | Wulai | 0.48 313 | P | Pb | 16 40 31.2 | +0.4 |
| NWLT | vaz=307 | | S | Pb | 16 40 36.8 | -0.3 |
| YHNB | Yeheng | 0.52 295 | iP | P | 16 40 31.6 | +0.3 |
| YHNB | vaz=295 | | S | Sg | 16 40 38.2 | -0.1 |
| TIPB | Shuangxi | 0.52 353 | P | Pb | 16 40 31.6 | +0.1 |
| TIPB | vaz=2.0 | | S | Sg | 16 40 38.0 | -0.3 |
| NSK | Sanguang | 0.54 295 | P | Pb | 16 40 32.1 | +0.5 |
| NSK | vaz=295 | | S | Sg | 16 40 38.8 | 0.0 |
| FUSS | Fushou | 0.62 251 | P | Pb | 16 40 33.3 | 0.0 |
| FUSS | vaz=251 | | eS | Sg | 16 40 41.3 | -0.3 |
| TDCB | Techi | 0.70 254 | eP | Pg | 16 40 34.6 | +0.1 |

2014 DEC

| Code | Station Name | Δ° AZ° | Phase ID | ISC | Time | Res |
|-------|---------------------------------------------------------------------------------------------------------|----------|----------|-------|------------|------|
| | | | Op | h m s | ISC | |
| JMA | 04 16:40:49.0,24.42N:123.95E,h0km,M1.0, Southwestern Ryukyu Islands | | | | | |
| JJU | Ishigaki jima | 0.18 108 | Op | ISC | 16 40 52.9 | +0.4 |
| JJU | vaz=249 | | S | Sg | 16 40 57.7 | +0.7 |
| JKRS | Kuro-shima | 0.19 163 | P | Pg | 16 40 53.2 | +0.6 |
| JKRS | vaz=239 | | S | Sg | 16 40 56.4 | +1.3 |
| IRIF | Iriomote-Funau | 0.22 247 | P | Pg | 16 40 53.7 | +0.5 |
| IRIF | vaz=337 | | S | Sg | 16 40 57.2 | +1.2 |
| IISHG | Ishigakijimahi | 0.37 63 | P | Pg | 16 40 56.8 | +0.7 |
| IISHG | vaz=225 | | S | Sg | 16 41 02.2 | +1.3 |
| HATJ | Hateruma jima | 0.39 200 | Op | ISC | 16 41 03.0 | +1.6 |
| HATJ | vaz=249 | | S | Sg | 16 40 43.0 | -0.8 |
| ANF | 04 16:53:20.2,0.1,33.95N:116.64W,h16km,1km,ML3.6/35, Error ellipse: s-maj=1.0km s-min=0.9km az=31.0 | | | | | |
| NEIC | 04 16:53:20.5,0.8,33.96N:0.02-116.63W:0.01,h19km,2km, Error ellipse: s-maj=2.7km s-min=0.7km az=205.0 | | | | | |
| PAS | 04 16:53:21.2,1.3,33.96N:0.02-116.64W:0.01,h16km,2km, ML3.6/217, Error ellipse: s-maj=2.6km s-min=0.8km | | | | | |
| SCEDC | 04 16:53:21.2,33.96N:116.64W,h16km,ML3.6,ML3.6 | | | | | |
| ISC | 04 16:53:20.5,0.8,33.95N:0.01-116.64W:0.01,h18km,3km, n158,0974/209, Southern California | | | | | |
| DEVC | Devers | 0.05 108 | Op | ISC | 16 53 28.1 | -0.2 |
| DEVC | vaz=338 | | S | Sg | 16 53 33.6 | -0.1 |
| DEVC | vaz=338 | | Sg | Pg | 16 53 28.1 | -0.2 |
| DEVC | vaz=338 | | S | Sb | 16 53 33.6 | -0.3 |
| EW2 | E Wide Canyon | 0.19 94 | Sb | Sb | 16 53 28.8 | +0.7 |
| BLAC | Blackrock camp | 0.24 61 | Pg | Pg | 16 53 26.4 | +0.3 |
| BLAC | vaz=208 | | S | Sg | 16 53 26.4 | +0.3 |
| BLAC | vaz=208 | | S | Sg | 16 53 28.8 | +0.7 |
| BLAC | vaz=208 | | S | Sb | 16 53 26.1 | -0.1 |
| BLAC | vaz=208 | | S | Sg | 16 53 27.0 | -0.3 |
| GVDA | Garner Valley | 0.28 186 | Pg | Pg | 16 53 29.0 | 0.0 |
| GVDA | vaz=208 | | S | Sg | 16 53 31.5 | +0.1 |
| BBSC | Beaumont Base | 0.28 264 | Pb | Pb | 16 53 27.2 | +0.2 |
| BBSC | vaz=208 | | S | Sb | 16 53 31.6 | +0.1 |
| POB | Polly Butte | 0.35 222 | Pg | Pg | 16 53 28.3 | -0.1 |
| POB | vaz=208 | | S | Sb | 16 53 33.7 | 0.0 |
| PFO | Pinyon Flats O | 0.37 156 | P | Pg | 16 53 28.4 | +0.1 |
| PFO | vaz=338,SNR=1000 | | S | Sg | 16 53 33.6 | -0.1 |
| PFO | vaz=338 | | Sg | Pg | 16 53 28.1 | -0.2 |
| PFO | vaz=338 | | S | Sb | 16 53 33.6 | -0.3 |
| PFO | vaz=338 | | S | Sg | 16 53 33.9 | -0.3 |
| PMD | Palm Desert | 0.37 144 | Pg | Pg | 16 53 32.8 | 0.0 |
| PMD | vaz=208 | | S | Sg | 16 53 33.5 | -0.1 |
| XPFO | Pion Flat | 0.37 156 | Pg | Pg | 16 53 33.7 | 0.0 |
| DNR | Dunn Ranch,Anz | 0.39 179 | Pg | Pg | 16 53 28.9 | 0.0 |
| DNR | vaz=208 | | S | Sb | 16 53 31.9 | +0.2 |
| BBRC | Big Bear Solar | 0.39 323 | P | Pg | 16 53 28.6 | -0.1 |
| BBRC | vaz=142,SNR=86 | | S | Sg | 16 53 34.1 | -0.1 |
| HMTCT | Hemet | 0.39 231 | Pb | Pb | 16 53 28.8 | -0.1 |
| HMTCT | vaz=208 | | S | Sb | 16 53 34.4 | -0.2 |
| CRY | Cary Canyon | 0.40 192 | Sb | Sb | 16 53 34.8 | 0.0 |
| CFT | Cranch Hills | 0.40 282 | Pg | Pg | 16 53 29.0 | -0.1 |
| CFT | vaz=208 | | S | Sb | 16 53 34.9 | -0.1 |
| CFT | vaz=208 | | S | Sg | 16 53 34.9 | +0.1 |
| SVI | Seven Oaks Dam | 0.41 292 | Pg | Pg | 16 53 32.8 | -0.5 |
| GTIM | Goat Mountain | 0.41 34 | Pg | Pg | 16 53 34.1 | -0.8 |
| GTIM | vaz=208 | | S | Sg | 16 53 35.6 | +0.1 |
| PEC | Perris | 0.44 262 | Sb | Sb | 16 53 36.5 | -0.1 |
| FRD | Fort Ranch, An | 0.46 176 | Sb | Sb | 16 53 36.8 | +0.1 |
| BZNA | Buzz No's Pla | 0.46 183 | Pg | Pg | 16 53 36.9 | +0.1 |
| BZNA | vaz=208 | | S | Sg | 16 53 30.8 | +0.1 |
| HLNC | Highland | 0.51 289 | Pg | Pg | 16 53 37.9 | -0.1 |
| HLNC | vaz=208 | | S | Pg | 16 53 31.2 | -0.1 |
| BELC | Belle Mtn. Jos | 0.54 85 | P | Pg | 16 53 38.3 | -0.2 |
| BELC | vaz=266,SNR=918 | | S | Sg | 16 53 31.2 | -0.1 |
| BELC | vaz=266 | | Sg | Pg | 16 53 38.2 | -0.1 |
| BELC | vaz=266 | | S | Sg | 16 53 38.6 | +0.1 |
| CFSC | Central Fire S | 0.56 286 | Pg | Pg | 16 53 37.1 | +0.1 |
| CFSC | vaz=208 | | S | Sg | 16 53 39.9 | +0.6 |
| RSBC | Riverside Bore | 0.57 272 | Pg | Pg | 16 53 31.8 | -0.1 |
| RSBC | vaz=208 | | S | Sg | 16 53 39.4 | -0.2 |
| MURC | Murrieta | 0.58 233 | P | Pg | 16 53 32.0 | -0.1 |
| MURC | vaz=52,SNR=73 | | S | Sg | 16 53 39.9 | 0.0 |
| RVR | Riverside | 0.61 274 | Sg | Sg | 16 53 40.5 | -0.4 |
| CTCC | Cactus City | 0.62 119 | Sb | Sb | 16 53 41.4 | +0.4 |
| FON | Fontana | 0.68 283 | Pg | Pg | 16 53 33.7 | -0.2 |
| FON | vaz=208 | | S | Sg | 16 53 42.9 | 0.0 |
| CTW | Cottonwood Mou | 0.69 113 | Sb | Sb | 16 53 44.0 | -0.2 |

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MASBT Mashbuluo, SGLT Jiouru, EAST Anshuo, etc.

IDC 04 18:04:17.7±2.3, 36°83N±97.65W, h0km, mb3.3/1, mb1 3.6/3, mb1mx3.3/35, mbtmp3.1/3, ML3.6/2, MS2.9/1, Ms1 2.9/1, ms1mx2±2.0, Error ellipse: s-maj=30.1km s-min=16.1km az=90.0

TUL 04 18:04:17.8±1.4, 36°76N±103.97°58W±0.05, h5km±6km, ML3.5, Error ellipse: s-maj=6.1km s-min=2.3km az=56.0

NEIC 04 18:04:17.9±0.8, 36°73N±103.97°58W±0.06, h4km±5km, Error ellipse: s-maj=7.4km s-min=2.1km az=63.0

ANF 04 18:04:19.9±0.3, 36°54N±97.50W±0.5km±5km, ML4.5/17, Error ellipse: s-maj=2.5km s-min=1.5km az=58.0

ISC 04 18:04:17.9±1.1, 36°75N±102.97°57W±0.02, h5km±gkm, n85, c18/94, Oklahoma

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Grant County #, South Haven SW, Manchester OK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PDAR, TKL, ULM, NEW, ILAR.

BUJ 04 18:45:11.9±0.0, 24°44S±176°53W, h106km, mb5.5/31, mb5.1/51

MOS 04 18:45:11.4±0.8, 24°55S±177°07W, h89km, mb5.2/15, MS4 6/5, Error ellipse: s-maj=5.0km s-min=7.3km az=65.8

IDC 04 18:45:14.5±0.4, 24°42S±177°01W, h107km, mb4.8/27, mb1 5.0/29, mb1mx4.9/33, mbtmp5.2/29, MS4 1/27, Ms1 4.1/27, ms1mx4.0/38, Error ellipse: s-maj=10.1km s-min=8.6km az=120.0

NEIC 04 18:45:14.6±1.1, 24°46S±177°17W±0.1, h109km±4km, mb5.4/211, Error ellipse: s-maj=14.9km s-min=9.5km az=98.0

GCMT 04 18:45:16.6±0.1, 24°64S±176°60W±0.01, h117km, MW5.4/159, Moment Tensor Solution.

s140, c239; s159, c304; Duration: 1±3 Moment tensor: Scale 101°Nm; Mi:0.80±0.02; Ms:1.49±0.02; Mm:0.68±0.02; Mw:0.33±0.01; Mx:0.33±0.01; My:0.67±0.01; Best double couple: M1:72600±1017, NP1:34600000±841,000000, L2:800000, NP2:295,00000, R72,00000, L128,00000.

Principal axes: T 1.6600, Plg49.0000, Azm246.0000; N 0.1310, Plg36.0000, Azm101.0000; P -1.7930, Plg18.0000, Azm357.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 04 18:45:14.3±0.3, 24°65S±176°83W±0.05, h113km±2km, h13km±p-P, n860, c1952/834, mb5.3/182, 38C-53D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Green Lake, Nonsauv, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYZ, PAE, PPT2, etc.

| | | | | | | |
|-------|------------------------|------------|------|------|------------|------|
| KNRA | baz=52,SNR=259 | 51.58 08.3 | P | P | 18 54 08.3 | -1.1 |
| FITZ | Fitzroy Crossi | 53.66 265 | P | P | 18 54 23.8 | -0.9 |
| FITZ | comp=Z,53nm,0.7s,ba | 53.66 265 | P | P | 18 54 23.7 | -0.9 |
| FITZ | comp=Z,17nm,0.9s,ba | 53.66 265 | P | P | 18 55 31.1 | +1.5 |
| FITZ | Fitzroy Crossi | 53.66 265 | P | P | 18 54 23.7 | -0.9 |
| VNDA | comp=Z,15nm,1.0s,ba | 53.90 186 | P | P | 18 54 27.1 | +1.6 |
| VNDA | comp=Z,4.9nm,0.8s,ba | 53.90 186 | P | P | 18 54 54.1 | +2.0 |
| VNDA | comp=Z,2.87nm,19.7s,ba | 53.90 186 | P | P | 19 15 46.0 | |
| VNDA | comp=Z,4.8nm,1.4s | 53.90 186 | P | P | 18 54 28.0 | +2.5 |
| VNDA | comp=Z,4.8nm,1.4s | 53.90 186 | P | P | 18 54 29.7 | |
| KMBL | Kambalada | 53.93 248 | P | P | 18 54 25.3 | -1.2 |
| SJJI | Sorong | 55.42 287 | P | P | 18 54 36.1 | -1.4 |
| KLBR | Kellerberrin | 57.37 247 | P | P | 18 54 49.7 | -1.4 |
| NWAO | Narrogin (SRO) | 57.56 245 | P | P | 18 54 53.4 | +1.0 |
| NWAO | Narrogin (SRO) | 57.56 245 | P | P | 18 54 53.2 | +0.8 |
| NWAO | comp=Z,165nm,21.8s,ba | 57.56 245 | P | P | 19 16 14.4 | |
| NWAO | Narrogin (SRO) | 57.56 245 | P | P | 18 55 06.3 | |
| MEEK | Meekeatharra | 57.67 253 | P | P | 18 54 51.4 | -1.9 |
| SOEI | Soe | 57.79 274 | P | P | 18 54 55.1 | +0.7 |
| SOEI | Pilbara Seismi | 57.79 274 | P | P | 18 54 54.5 | +0.1 |
| PSA00 | Baumata | 58.17 273 | P | P | 18 54 57.0 | +0.1 |
| BATI | comp=Z,2.0nm,19.9s,ba | 58.17 273 | P | P | 19 16 55.1 | |
| BATI | Baumata | 58.17 273 | P | P | 18 54 57.5 | +0.6 |
| BLDU | Ballidu | 58.44 248 | P | P | 18 54 57.0 | -1.6 |
| MUN | Mundaring | 58.59 246 | P | P | 18 54 59.6 | 0.0 |
| MORW | Morawa | 59.34 250 | P | P | 18 55 03.5 | -1.4 |
| MORW | Morawa | 59.34 250 | P | P | 18 55 03.4 | -1.4 |
| TNTI | Ternate | 59.62 287 | P | P | 18 55 06.0 | -0.9 |
| TNTI | Ternate | 59.62 287 | P | P | 18 55 04.4 | -2.5 |
| MMRI | Maumere | 60.07 274 | P | P | 18 55 11.7 | +1.7 |
| MMRI | Maumere | 60.07 274 | P | P | 18 55 08.7 | -1.3 |
| EDFI | Ende, Flores | 60.52 274 | P | P | 18 55 11.9 | -1.3 |
| CASY | Casey | 60.71 286 | P | P | 18 55 14.0 | +0.4 |
| BASI | Baing, Sumba | 60.97 272 | P | P | 18 55 16.3 | +0.2 |
| WSI | Waingapu | 61.43 272 | P | P | 18 55 18.8 | -0.4 |
| GIRL | Giralia | 62.56 256 | P | P | 18 55 27.6 | +0.9 |
| GIRL | Giralia | 62.56 256 | P | P | 18 55 27.7 | -0.8 |
| LUWI | Luwuk | 62.82 282 | P | P | 18 55 27.3 | -1.2 |
| LUWI | Luwuk | 62.82 282 | P | P | 18 55 28.4 | |
| BKSI | Bulukumba | 63.33 277 | P | P | 18 55 30.3 | -1.6 |
| BNSI | Bone | 63.73 278 | P | P | 18 55 34.3 | -0.2 |
| KAPI | Kappang | 63.80 277 | P | P | 18 55 33.9 | -1.1 |
| KAPI | Kappang | 63.80 277 | P | P | 18 55 33.9 | -1.1 |
| KAPI | Kappang | 63.80 277 | P | P | 18 55 40.4 | +4.5 |
| APSI | Ampana | 64.05 272 | P | P | 18 55 35.3 | -1.3 |
| PLAI | Plampang | 64.16 272 | P | P | 18 55 35.9 | -1.9 |
| SPSI | Sidrap | 64.22 278 | P | P | 18 55 35.9 | -1.9 |
| MRSI | Marisa | 64.25 283 | P | P | 18 55 35.9 | -2.0 |
| TTSI | Tana Toraja | 64.57 279 | P | P | 18 55 43.2 | +3.2 |
| TWSI | Taliwang, Sumb | 64.90 272 | P | P | 18 55 40.9 | -1.2 |
| QSPA | South Pole Qui | 65.44 180 | P | P | 18 55 46.8 | +1.8 |
| QSPA | South Pole Qui | 65.44 180 | P | P | 18 56 13.8 | +1.3 |
| QSPA | South Pole Qui | 65.44 180 | P | P | 18 55 46.8 | +1.8 |
| QSPA | South Pole Qui | 65.44 180 | P | P | 18 55 47.5 | |
| QSPA | South Pole Qui | 65.44 180 | P | P | 18 56 12.7 | +0.2 |
| TOL2 | Tolitoli | 65.57 283 | P | P | 18 55 44.3 | -2.2 |
| TOL2 | Tolitoli | 65.57 283 | P | P | 18 55 46.9 | |
| MPSI | Mapaga | 66.00 282 | P | P | 18 55 47.4 | -1.8 |
| SRBI | Singaraja | 66.67 272 | P | P | 18 55 53.3 | -0.2 |
| KMMI | Kaliang | 68.21 272 | P | P | 18 56 03.1 | +0.1 |
| BLJI | Banyuglugur | 68.28 271 | P | P | 18 56 04.4 | +0.9 |
| BBKI | Banjar Baru | 68.89 276 | P | P | 18 56 07.1 | -0.4 |
| GRJI | Gresik | 69.62 272 | P | P | 18 56 11.4 | -0.6 |
| PWJI | Pagerwojo | 69.80 270 | P | P | 18 56 11.8 | -1.2 |
| MTKI | Muara Taweh, K | 69.91 278 | P | P | 18 56 12.0 | -1.8 |
| WOJI | Wonogiri, Jawa | 70.67 270 | P | P | 18 56 17.6 | -0.8 |
| SPMI | Sapulut | 71.05 285 | P | P | 18 56 20.0 | -0.7 |
| SMRI | Semarang | 71.42 271 | P | P | 18 56 22.0 | -1.0 |
| SMRI | Semarang | 71.42 271 | P | P | 18 56 23.3 | |
| KKM | Kota Kinabalu | 71.89 286 | P | P | 18 56 24.7 | -1.2 |
| PBKI | Pangkalan Bun | 72.08 275 | P | P | 18 56 26.8 | 0.0 |
| KPJI | Karang Pucung | 72.68 270 | P | P | 18 56 29.7 | -0.7 |
| STKI | Sintang | 73.43 278 | P | P | 18 56 36.8 | +2.0 |
| CISI | Cisompot, Garu | 73.61 269 | P | P | 18 56 36.6 | +0.6 |
| CISI | Cisompot, Garu | 73.61 269 | P | P | 18 56 34.1 | -1.9 |
| CISI | Cisompot, Garu | 73.61 269 | P | P | 18 56 34.9 | |
| SBUM | Sibu | 73.80 280 | P | P | 18 56 37.0 | 0.0 |
| MJAR | Matsushiro Arr | 74.18 324 | P | P | 18 56 38.0 | -0.8 |
| MJAR | Matsushiro | 74.19 324 | P | P | 18 57 07.4 | +0.8 |
| MJAR | Matsushiro | 74.19 324 | P | P | 18 56 39.8 | +1.1 |
| MAT | Matsushiro | 74.19 324 | P | P | 18 56 37.9 | -0.8 |
| XMIS | Christmas Isla | 74.44 265 | P | P | 18 56 40.8 | 0.0 |
| XMIS | Christmas Isla | 74.44 265 | P | P | 18 56 40.8 | 0.0 |
| DBJI | Dragamag | 74.98 270 | P | P | 18 56 43.0 | -0.9 |
| KSM | Kuching | 75.09 279 | P | P | 18 56 43.0 | -1.5 |
| KSM | Kuching | 75.09 279 | P | P | 18 56 46.7 | |
| KSM | Kuching | 75.09 279 | P | P | 18 56 44.0 | -0.5 |
| TNG | Tangerang | 75.22 270 | P | P | 18 56 48.0 | +2.8 |
| BELA | Belgrano 2 | 75.32 172 | P | P | 18 56 45.5 | +0.9 |
| JNU | Nakatsue | 76.03 317 | LR | LR | 19 29 59.7 | |
| KIWB | Kanaga Island | 76.17 360 | P | P | 18 56 48.1 | -1.6 |
| ADK | Adak | 76.20 0 | P | P | 18 56 50.2 | +0.3 |
| ADK | Adak | 76.20 0 | P | P | 18 56 52.1 | +0.3 |
| ATKA | Atka Island | 76.56 2 | P | P | 18 57 18.2 | |
| ATKA | Atka Island | 76.56 2 | P | P | 18 56 56.4 | +1.7 |
| PMSA | Palmer Station | 77.06 156 | P | P | 18 56 57.2 | |
| PMSA | Palmer Station | 77.06 156 | P | P | 20 21 49.7 | |
| H06S1 | comp=Z,38nm,0.8s | 77.28 62 | T | T | 18 56 59.9 | +2.5 |
| H06S1 | comp=Z,38nm,0.8s | 77.28 62 | T | T | 18 56 56.1 | -1.7 |
| PPBI | Pangkal Pinang | 77.32 273 | P | P | 19 26 10.8 | |
| KASI | Kota Atju | 77.44 270 | P | P | 18 57 01.7 | +1.5 |
| ASAJ | Asahiki | 77.88 331 | LR | LR | 18 57 01.7 | +1.5 |
| MAW | Mawson | 78.04 200 | P | P | 18 57 01.7 | +1.5 |
| MAW | Mawson | 78.04 200 | P | P | 18 57 01.7 | +1.5 |
| MAW | Mawson | 78.04 200 | P | P | 18 57 29.2 | +0.9 |
| MAW | Mawson | 78.04 200 | P | P | 19 29 32.3 | |
| MAW | Mawson | 78.04 200 | P | P | 18 57 01.5 | +1.4 |
| MAW | Mawson | 78.04 200 | P | P | 18 56 59.8 | -1.5 |
| UNV | Unalaska Valle | 78.66 0 | P | P | 18 57 03.8 | +0.2 |
| UNV | Unalaska Valle | 78.66 0 | P | P | 18 57 33.1 | |
| LH5I | Lahat | 79.01 271 | P | P | 18 57 08.9 | +2.4 |
| AKUT | Akutan | 79.04 7 | P | P | 18 57 05.7 | +0.1 |
| GO09 | Cerro Castillo | 79.64 142 | pP | pP | 18 57 11.2 | +1.9 |
| SCZ2 | Santa Cruz Isl | 79.70 271 | pP | pP | 18 57 37.5 | -0.6 |
| KSI | Kapahiang | 79.93 45 | P | P | 18 57 09.9 | -1.6 |
| SBC | Santa Barbara | 79.93 45 | pP | pP | 18 57 39.2 | -0.1 |
| FALS | False Pass | 80.02 8 | P | P | 18 57 11.0 | +0.2 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 12.1 | +0.7 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 44.2 | +2.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 07 06.0 | -0.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 08 12.7 | +6.2 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 11.0 | +0.2 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 12.1 | +0.7 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 44.2 | +2.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 07 06.0 | -0.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 08 12.7 | +6.2 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 11.0 | +0.2 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 12.1 | +0.7 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 18 57 44.2 | +2.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 07 06.0 | -0.4 |
| YSS | Yusei-Sakhalin | 80.08 333 | eP | eP | 19 08 12.7 | +6.2 |
| CIS | Catalina Islan | 80.13 46 | pP | pP | 18 57 40.4 | -0.1 |
| PKM | Mpohon Peak | 80.15 44 | pP | pP | 18 57 40.4 | -0.4 |
| SMCM | Simmler | 80.30 44 | pP | pP | 18 57 41.1 | -0.4 |
| PAGB | Antelope Grade | 80.41 44 | P | P | 18 57 13.2 | -0.2 |
| PEA0B | Petrovavlovsk- | 80.55 345 | eP | eP | 18 57 13.9 | +0.1 |
| PEA0B | Petrovavlovsk- | 80.55 345 | eP | eP | 18 57 14.5 | +0.7 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 13.5 | -0.2 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 41.5 | -0.5 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 11.6 | +0.2 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 13.9 | +0.1 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 14.5 | +0.7 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 13.5 | -0.2 |
| PETK | Petrovavlovsk- | 80.55 345 | P | P | 18 57 41.5 | -0.5 |
| OSI | Osito Audit: C | 80.68 45 | pP | pP | 18 57 42.8 | -0.6 |
| OSI | Osito Audit: C | 80.68 45 | pP | pP | 18 57 16.3 | +1.3 |
| OSI | Osito Audit: C | 80.68 45 | pP | pP | 18 57 45.3 | |
| KSRS | Korea Array | 80.70 319 | P | P | 18 57 14.6 | -0.4 |
| KSRS | Korea Array | 80.70 319 | P | P | 19 29 05.6 | |
| SDPT | Sand Point | 80.90 9 | P | P | 18 57 16.1 | +0.5 |
| ARVC | Arvin | 80.93 45 | pP | pP | 18 57 44.2 | -0.5 |
| ESJX | Sierra Juarez | 80.94 49 | Iamb | Iamb | 18 57 18.4 | +1.8 |
| ESJX | Sierra Juarez | 80.94 49 | Iamb | Iamb | 18 57 47.8 | |
| MYKOM | Kota Tinggi | 81.05 276 | P | P | 18 57 16.7 | -0.7 |
| MYKOM | Kota Tinggi | 81.05 276 | P | P | 18 57 17.6 | +0.4 |
| MURC | Murrista | 81.06 47 | P | P | 18 57 18.3 | +1.3 |
| BFSC | Mount Baldy Ra | 81.14 46 | pP | pP | 18 57 45.5 | -0.6 |
| MONP | Monument Peak | 81.15 48 | P | P | 18 57 18.9 | +1.2 |
| YES | Vestal, Richgr | 81.21 44 | P | P | 18 57 19.0 | +1.3 |
| IKP | In-Ko-Pah, Jac | 81.21 48 | | | | |

4d 18h

2014 DEC

Table with columns for station ID, name, location, and various numerical data points. Includes stations like IPM, G03D, R11A, etc.

Table with columns for station ID, name, location, and various numerical data points. Includes stations like SPUT, P17A, R11A, etc.

Table with columns for station ID, name, location, and various numerical data points. Includes stations like XAN, XAN, XAN, etc.

BJI 04 21:16:27.0,0.0,38.60N:26.20E,h5km,mB5.0/14, mb4.6/26,Ms4.6/2,Ms7.4/3/2
MED_RC 04 21:16:29.0,0.3,38.62N:26.20E,h10km,MW4.4/17, Moment Tensor Solution,Mantle waves: s17,c23;
 Duration: 190 Moment tensor: Scale 10¹⁵Nm; Mw=3.47±.22; Ms=4.08±.16; M_{bb}=0.62±.20; M₀±0.09±.48; M₁-1.93±.14; M₂-0.97±.80; Best double couple: M=4.30000e+10¹⁵ NP2=308.000000; δ51.000000; λ=118.000000; Principal axes: T 4.7900, Plg13.0000; Azm20.0000; N -0.9900, Plg19.0000; Azm11.0000; P -3.8000, Plg70.0000; Azm282.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.
DDA 04 21:16:29.3,38.60N:26.09E,h12km,3km,MW4.6
THE 04 21:16:29.9,38.60N:26.16E,h5km,1km,ML4.1/17, Error ellipse: s-maj=1.2km s-min=0.4km az=50.0
ATH 04 21:16:29.5,38.58N:26.14E,h32km,ML4.1/28, Error ellipse: s-maj=1.1km s-min=0.6km az=290.0
ISK 04 21:16:29.0,38.60N:26.1E,h17km,ML4.4/41
NEIC 04 21:16:31.0,1.7,38.56N:0.05-26.06E,0.05,h19km,4km, Error ellipse: s-maj=7.4km s-min=5.7km az=162.0
MOS 04 21:16:31.9,1.1,38.68N:26.13E,h34km,mb4.5/11, Error ellipse: s-maj=6.1km s-min=4.1km az=83.5
IDC 04 21:16:32.2,3.5,38.63N:26.09E,h28km,25km,mb4.0/22, mb1.4/29,mb1mx4.0/29,mbtmp4.1/29,ML4.2/7,MS3.4/23, Ms1.3/423,ms1mx3.2/49,Error ellipse: s-maj=11.9km s-min=1.7km az=32.0
GIJ 04 21:16:41.6,0.0,37.76N:26.54E,h5km
ISC 04 21:16:30.3,38.60N:0.01-26.15E,0.02,h14km,6km, m605,r1931/666,mb4.4/71,MS3.6/20,60C-4DD,Aegean Sea

| Code | Station Name | A° | AZ° | Phase ID | Time | Res |
|------|-----------------|------|-----|----------|------|-----------------|
| URLA | Izmir | 0.42 | 124 | PG | Pb | 21 16 39.1 -0.5 |
| URLA | Izmir | 0.42 | 124 | PG | Sb | 21 16 45.2 -0.7 |
| URLA | Izmir | 0.46 | 124 | PG | Pb | 21 16 39.1 -0.5 |
| URLA | Izmir | 0.42 | 124 | PG | Sb | 21 16 45.4 -0.5 |
| ZEYE | Izmir, Urla-Ze | 0.46 | 142 | eP | Pb | 21 16 39.6 -0.5 |
| ZEYE | Izmir, Urla-Ze | 0.46 | 142 | eP | Sg | 21 16 45.5 +0.1 |
| PSRA | Psara | 0.46 | 263 | P | Pb | 21 16 39.9 +0.3 |
| PSRA | Psara | 0.46 | 263 | P | Pb | 21 16 46.4 |
| PSRA | Psara | 0.46 | 263 | P | Sb | 21 16 46.8 -0.4 |
| PSRA | Psara | 0.46 | 263 | P | Sb | 21 16 46.8 |
| PRK | Paraskevi | 0.65 | 8 | P | Pb | 21 16 43.4 -0.1 |
| PRK | Paraskevi | 0.65 | 8 | P | Sb | 21 16 53.9 -1.4 |
| PRK | Paraskevi | 0.65 | 8 | P | Sb | 21 16 56.2 |
| PRK | Paraskevi | 0.65 | 8 | P | Sb | 21 16 42.1 -0.9 |
| PRK | Paraskevi | 0.65 | 8 | P | Sb | 21 16 52.6 +0.2 |
| SIGR | SIGRI | 0.65 | 339 | P | Pg | 21 16 42.5 -0.5 |
| SIGR | SIGRI | 0.65 | 339 | P | Sb | 21 16 52.8 +0.4 |
| SIGR | SIGRI | 0.65 | 339 | P | Sb | 21 16 55.0 |
| SIGR | SIGRI | 0.65 | 339 | P | Pg | 21 16 42.5 -0.5 |
| SIGR | SIGRI | 0.65 | 339 | P | Pg | 21 16 42.5 -0.5 |
| SIGR | SIGRI | 0.65 | 339 | P | Pg | 21 16 52.2 -0.2 |
| BLCB | Balcova | 0.73 | 107 | PG | Pg | 21 16 44.5 -0.1 |
| BLCB | Balcova | 0.73 | 107 | PG | Sb | 21 16 55.2 +0.4 |
| BLCB | Balcova | 0.73 | 107 | PG | Pb | 21 16 44.4 -0.1 |
| BLCB | Balcova | 0.73 | 107 | PG | Sb | 21 16 54.9 +0.1 |
| DKL | Dikili | 0.75 | 51 | PG | Pb | 21 16 44.7 -0.5 |
| DGB | zmir | 0.80 | 133 | P | Pb | 21 16 45.4 -0.3 |
| DGB | zmir | 0.80 | 133 | P | Sg | 21 16 56.7 +0.6 |
| ZEDA | zmir-Bergama | 0.81 | 63 | P | Pb | 21 16 45.6 -0.6 |
| ZEDA | zmir-Bergama | 0.81 | 63 | P | Sb | 21 16 58.5 -0.7 |
| AYVA | Ayvalik | 0.82 | 31 | P | Pb | 21 16 54.9 +0.6 |
| AYVA | Ayvalik | 0.82 | 31 | P | Sg | 21 16 57.6 +0.6 |
| KOCA | Canakkale, Ayy | 0.90 | 359 | P | Pb | 21 16 46.6 -1.1 |
| KOCA | Canakkale, Ayy | 0.90 | 359 | P | Sg | 21 16 59.5 0.0 |
| BUHA | Balikesir, Bur | 1.15 | 39 | P | Pb | 21 16 51.2 -0.9 |
| BUHA | Balikesir, Bur | 1.15 | 39 | P | Sb | 21 17 07.0 -0.3 |
| BAYC | CANAKKALE_Bayr | 1.18 | 15 | P | Pb | 21 16 52.7 -1.2 |
| BAYC | CANAKKALE_Bayr | 1.18 | 15 | P | Sb | 21 17 07.0 -0.7 |
| EZN | Ezine | 1.23 | 6 | PN | Pb | 21 16 52.2 -0.9 |
| EZN | Ezine | 1.23 | 6 | PN | Sb | 21 16 52.1 -1.0 |
| EZN | Ezine | 1.23 | 6 | PN | Sg | 21 17 09.9 -0.1 |
| BOZC | Bozcaada | 1.24 | 357 | PN | Pb | 21 16 52.1 -1.2 |
| BOZC | Bozcaada | 1.24 | 357 | PN | Sb | 21 16 52.0 -1.3 |
| BOZC | Bozcaada | 1.24 | 357 | PN | Sb | 21 16 52.1 -1.2 |
| BOZC | Bozcaada | 1.24 | 357 | PN | Sb | 21 17 03.9 -5.5 |
| BOZC | Bozcaada | 1.24 | 357 | PN | Sb | 21 17 07.9 -1.5 |
| GCAM | G7zelcamli? | 1.24 | 136 | PN | Pb | 21 16 52.7 -0.5 |
| GCAM | G7zelcamli? | 1.24 | 136 | PN | Sb | 21 16 53.1 -0.4 |
| GCAM | G7zelcamli? | 1.24 | 136 | PN | Sb | 21 17 11.2 +0.8 |
| SKY | Skiros Island | 1.28 | 283 | P | Pb | 21 16 53.4 -0.8 |
| SKY | Skiros Island | 1.28 | 283 | P | Sb | 21 17 17.3 |
| SKY | Skiros Island | 1.28 | 283 | P | Sg | 21 17 20.5 |
| SKY | Skiros Island | 1.28 | 283 | P | Pb | 21 16 53.4 -0.8 |
| SKY | Skiros Island | 1.28 | 283 | P | Sg | 21 17 11.8 +0.2 |
| EFSA | Agios Efstrati | 1.30 | 316 | P | Pb | 21 16 52.5 -1.6 |
| EFSA | Agios Efstrati | 1.30 | 316 | P | Sb | 21 17 15.1 |
| EFSA | Agios Efstrati | 1.30 | 316 | P | Sb | 21 17 16.2 |
| TNSA | Tinos | 1.32 | 217 | P | Pb | 21 16 53.2 -1.0 |
| TNSA | Tinos | 1.32 | 217 | P | Sb | 21 17 15.3 |
| TNSA | Tinos | 1.32 | 217 | P | Sb | 21 17 15.5 |
| AKS | Akhisar | 1.33 | 77 | PN | Pb | 21 16 54.1 -0.4 |
| AKS | Akhisar | 1.33 | 77 | PN | Sb | 21 16 54.4 -0.6 |
| AKS | Akhisar | 1.33 | 77 | PN | Sg | 21 17 14.7 +1.4 |
| GDMA | Golmarmara-Man | 1.39 | 85 | PN | Pb | 21 16 55.9 -0.8 |
| DDIM | Aydin, Didim | 1.43 | 143 | P | Pb | 21 16 57.2 -0.6 |
| DDIM | Aydin, Didim | 1.43 | 143 | P | Sg | 21 17 18.2 +1.8 |
| ECEA | Canakkale, Ece | 1.44 | 11 | P | Pb | 21 16 55.4 -0.6 |
| ECEA | Canakkale, Ece | 1.44 | 11 | P | Sb | 21 17 13.7 -1.0 |
| STEP | BALIKESIR_Sava | 1.45 | 57 | P | Pb | 21 16 55.5 -0.5 |
| STEP | BALIKESIR_Sava | 1.45 | 57 | P | Sg | 21 17 17.7 +0.7 |
| KARY | Karystos | 1.46 | 248 | P | Pb | 21 16 55.5 -0.9 |
| KARY | Karystos | 1.46 | 248 | P | Sb | 21 17 13.9 -1.4 |
| KARY | Karystos | 1.46 | 248 | P | Sb | 21 17 18.8 |
| KARY | Karystos | 1.46 | 248 | P | Sb | 21 17 19.8 |
| KARY | Karystos | 1.46 | 248 | P | Sb | 21 16 55.4 -0.9 |
| KARY | Karystos | 1.46 | 248 | P | Sb | 21 17 16.4 -1.0 |
| LIA | Limnos Island | 1.50 | 330 | P | Pb | 21 16 56.3 -0.4 |
| LIA | Limnos Island | 1.50 | 330 | P | Sb | 21 17 19.6 |
| LIA | Limnos Island | 1.50 | 330 | P | Sb | 21 17 20.4 |
| LIA | Limnos Island | 1.50 | 330 | P | Sb | 21 16 56.4 -0.4 |
| LIA | Limnos Island | 1.50 | 330 | P | Sb | 21 17 16.6 -0.1 |
| AYDB | Zeytin koy-Aydi | 1.52 | 115 | PN | Pb | 21 16 56.8 -0.4 |
| GOKA | anakkale-G | 1.60 | 353 | P | Pb | 21 16 57.6 -0.5 |
| GOKA | anakkale-G | 1.60 | 353 | P | Sb | 21 17 17.4 -1.2 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Pb | 21 16 57.6 -0.7 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Sb | 21 17 18.2 -0.7 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Sb | 21 17 26.0 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Sb | 21 17 31.4 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Sb | 21 16 57.6 -0.7 |
| KYMI | Kymi, Euboea I | 1.61 | 272 | P | Sb | 21 17 20.0 +0.1 |
| APE | Apeiranthos | 1.61 | 198 | P | Pb | 21 16 57.5 -0.9 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 17 24.8 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 17 31.5 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 16 57.5 -0.9 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 17 19.9 -0.1 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 16 57.4 -0.9 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 16 57.3 -1.0 |
| APE | Apeiranthos | 1.61 | 198 | P | Sb | 21 16 57.5 -0.9 |

| APE | S | Sb | 21 17 19.5 -0.5 | | | |
|-------|-----------------|------|-----------------|----|----|-----------------|
| BALY | Balya | 1.61 | 45 | P | Pb | 21 16 57.9 -0.5 |
| BALY | Balya | 1.61 | 45 | P | Sg | 21 16 57.1 -0.1 |
| AYDN | Tasoluk | 1.66 | 124 | P | Pb | 21 16 59.1 +0.1 |
| AYDN | Tasoluk | 1.66 | 124 | P | Sg | 21 17 01.5 +0.5 |
| BALB | Balikesir | 1.70 | 52 | PN | Pb | 21 16 59.3 -0.2 |
| YKAV | Yalikavak-BoDr | 1.73 | 148 | PN | Pb | 21 16 59.5 -0.4 |
| EREA | Erertria | 1.75 | 265 | P | Pb | 21 16 59.8 -0.4 |
| EREA | Erertria | 1.75 | 265 | P | Sb | 21 17 30.7 |
| EREA | Erertria | 1.75 | 265 | P | Sb | 21 17 30.7 |
| EREA | Erertria | 1.75 | 265 | P | Sb | 21 17 30.7 |
| AMGA | Amorogis Island | 1.78 | 187 | P | Pb | 21 16 59.6 -1.1 |
| AMGA | Amorogis Island | 1.78 | 187 | P | Sb | 21 17 24.6 |
| AMGA | Amorogis Island | 1.78 | 187 | P | Sb | 21 17 41.8 |
| AMGA | Amorogis Island | 1.78 | 187 | P | Sb | 21 16 59.5 -1.2 |
| AMGA | Amorogis Island | 1.78 | 187 | P | Sb | 21 17 23.9 -1.0 |
| BODT | Bodrum | 1.79 | 149 | PN | Pb | 21 17 00.7 -0.1 |
| BODT | Bodrum | 1.79 | 149 | PN | Sb | 21 17 00.6 -0.2 |
| BODT | Bodrum | 1.79 | 149 | PN | Sb | 21 17 24.0 -1.2 |
| BODT | Bodrum | 1.79 | 149 | PN | Sb | 21 17 00.6 -0.2 |
| GELI | Tayfur-Geibol | 1.81 | 8 | PN | Pb | 21 17 00.6 -0.5 |
| DION | Dionisos Attik | 1.82 | 254 | P | Pb | 21 17 32.0 -1.2 |
| DION | Dionisos Attik | 1.82 | 254 | P | Sb | 21 17 32.0 |
| DION | Dionisos Attik | 1.82 | 254 | P | Sb | 21 17 32.0 |
| DION | Dionisos Attik | 1.82 | 254 | P | Sb | 21 17 00.9 -0.3 |
| DION | Dionisos Attik | 1.82 | 254 | P | Sb | 21 17 25.7 -0.4 |
| LPK | Lapseki | 1.83 | 15 | PN | Pb | 21 17 02.0 -1.2 |
| MILSB | Milias | 1.83 | 135 | PN | Pb | 21 17 01.3 -0.1 |
| BDRM | Kayabasi | 1.84 | 146 | P | Pb | 21 17 01.4 -0.2 |
| BDRM | Kayabasi | 1.84 | 146 | P | Sg | 21 17 30.8 +1.1 |
| AOS | Alonnissos | 1.86 | 288 | P | Pb | 21 17 01.5 -0.3 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 34.8 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 34.8 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 34.9 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 00.9 -0.9 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 01.5 -0.3 |
| AOS | Alonnissos | 1.86 | 288 | P | Sb | 21 17 27.1 -0.1 |
| GONE | Gonen-Balikesir | 1.87 | 39 | PN | Pb | 21 17 01.5 -0.4 |
| PTL | Penteli | 1.88 | 254 | P | Pb | 21 17 01.6 -0.4 |
| PTL | Penteli | 1.88 | 254 | P | Sb | 21 17 32.4 |
| PTL | Penteli | 1.88 | 254 | P | Sb | 21 17 32.4 |
| PTL | Penteli | 1.88 | 254 | P | Sb | 21 17 34.0 |
| PTL | Penteli | 1.88 | 254 | P | Sb | 21 17 01.4 -1.1 |
| PTL | Penteli | 1.88 | 254 | P | Sb | 21 17 27.4 -0.4 |
| MANT | Manisa | 1.89 | 93 | P | Pb | 21 17 02.4 0.0 |
| MANT | Manisa | 1.89 | 93 | P | Sg | 21 17 30.0 -1.2 |
| MANT | Manisa | 1.89 | 93 | P | Sg | 21 17 02.5 +0.2 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Pb | 21 17 02.0 -0.7 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 25.0 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 25.2 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 02.0 -0.7 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 02.8 -0.4 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 02.8 -0.4 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 02.7 -0.5 |
| SMTH | Samothraki Isl | 1.93 | 346 | P | Sb | 21 17 28.9 -1.4 |
| KULA | Kula-Manisa | 1.97 | 92 | PN | Pb | 21 17 03.4 0.0 |
| KULA | Kula-Manisa | 1.97 | 92 | PN | Sb | 21 17 03.7 +0.3 |
| KULA | Kula-Manisa | 1.97 | 92 | PN | Sb | 21 17 28.8 -1.7 |
| KUL | Balikesir | 1.98 | 32 | P | Pb | 21 17 02.8 -0.6 |
| KUL | Balikesir | 1.98 | 32 | P | Sg | 21 17 32.2 -1.7 |
| KUL | Balikesir | 1.98 | 32 | P | Sg | 21 17 03.3 -0.4 |
| KUL | Balikesir | 1.98 | 32 | P | Sg | 21 17 38.5 |
| VLY | Voila,Athens | 2.00 | 249 | P | Pb | 21 17 40.4 |
| VLY | Voila,Athens | 2.00 | 249 | P | Sb | 21 17 03.3 -0.4 |
| VLY | Voila,Athens | 2.00 | 249 | P | Sb | 21 17 29.4 -1.8 |
| VLY | Voila,Athens | 2.00 | 249 | P | Sb | 21 17 02.6 -1.3 |
| ATH | Athens Observ | | | | | |

4D 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for Peng-hu, WYUC, Houxiangcun, and PTMZ.

REY 04 22:44:50.1, 64.69N, 17.43W, h6km
NEIC 04 22:44:52.6, 1.9, 64.3N, 0.1, 17.95W, 0.09, h8km, 5km,
mb4, 4/24, Error ellipse: s-maj=14.7km s-min=5.4km az=181.0

Main table for the 4D 23h section, listing station codes (IHAM, IDJK, IVON, etc.), station names, azimuths, phase IDs, times, and residuals.

2014 DEC

Table listing stations ALN, PLVO, J56A, YKA, J55A, PAL, TRNNY, GAZ, GNI, BMAR, R53A, ILAR, BORD, PDAR, SPR3, R11A, etc. with their respective coordinates and parameters.

WEL 04 23:06:08.4, 44°S, 3'16.8"E, h5km, 2km, M2.7/8, ML2.7/8,
ML2.7/8, Error ellipse: s-maj=0.0km s-min=0.0km az=101.9, South Island

Table listing stations MSZ, JWC, WKC, MLZ, EAZ, DCU, LBZ, FOZ, WHZ, TUZ, ODZ, RPZ, ARCC, etc. with their respective coordinates and parameters.

ISK 04 23:06:10.7, 38°60N, 16°21E, h17km, ML2.3/10
ATH 04 23:06:11.2, 38°59N, 26°07E, h32km, 2km, ML2.5/2, Error
ellipse: s-maj=4.9km s-min=1.4km az=300.0

DDA 04 23:06:12.7, 38°68N, 28°28E, h7km, 6km, ML2.1
ISC 04 23:06:11.1, 1.0, 38.63N, 0.02, 26.19E, 0.03, h14km, gkm,
n26, r1538/43, Aegaeon Sea

Main table for the 2014 DEC section, listing station codes (URLA, PSRA, PRK, SIGR, etc.), station names, azimuths, phase IDs, times, and residuals.

JMA 04 23:38:33.6, 0.1, 24°10'N, 122°24'E, h46km, 5km, M2.6
TAP 04 23:38:34.3, 24°17'N, 122°23'E, h43km, ML3.3, C
ISC 04 23:38:34.1, 1.0, 24°16'N, 0.03, 122°26'E, 0.02, h32km, gkm,
n81, r088/16, 1C-7D, Taiwan region

Table listing stations ENAH, ENAH, ENA, ENA, TWC, NACB, NACB, etc. with their respective coordinates and parameters.

166

Main table for the 166 section, listing station codes (TWD, HWA, JYNG, etc.), station names, azimuths, phase IDs, times, and residuals.

Table with columns: AOS, Alonnisos, 1.85 289, PN, Pn, 00 04 55.5 +0.8, etc.

IDC 05 00:20:25.2,0.9,28.24N:57.12E, h0km, mb3.7/16, mb1 3.9/20, mb1mx3.8/39, mbmtpp3.8/20, ML3.8/4, MS3.1/2, MS1 3.1/2, ms1mx2.7/34, Error ellipse: s-maj=19.1km s-min=16.4km az=110.0

TEH 05 00:20:27.9,28.37N:57.28E, h14km, ML4.0, NEIC 05 00:20:27.0,2.3,28.41N:07.57E:0.10, h10km,1km, mb4.2/36, mb_Lg4.0(TEH), Error ellipse: s-maj=14.6km s-min=11.6km az=100.0

THR 05 00:20:27.5,0.5,28.35N:57.28E, h14km,5km, ML3.8, OMAN 05 00:20:31.0,0.4,28.32N:57.36E, h36km, mb5.0/5, m3.9/12, ms2.4/1, Error ellipse: s-maj=7.9km s-min=6.4km az=31.0

DSN 05 00:20:32.3,1.2,27.97N:57.47E, h10km, ML3.8/11, Error ellipse: s-maj=29.4km s-min=9.6km az=128.0, ISC 05 00:20:26.9,1.2,28.41N:07.57E:0.04, h10km, n182, s=183/190, mb4.0/34, Southern Iran

Main table for station 169, listing station names, coordinates, and various parameters like Op, ISC, Time, Res, etc.

Main table for station 170, listing station names, coordinates, and various parameters like Op, ISC, Time, Res, etc.

Main table for station 171, listing station names, coordinates, and various parameters like Op, ISC, Time, Res, etc.

5d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like MDPB Devils Postpil, Maple Canyon, Little Hooton, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like LBZ Lake Benmore, ODZ Otahua Downs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like NEIC 05 00:56:36.6, SEA 05 00:56:37.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like SOKB Sooke, B009 North Saanich, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like ARGA Argostoli, LXR1 Lixouri, etc.

2015 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like OCP Olym-Cheeka Pk, NLLB Nanaimo Lost L, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like IDC 05 01:20:28.6, IDC 05 01:10:31.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like PMG 4.4nm,0.3s, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like ARGA Argostoli, LXR1 Lixouri, etc.

170

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like DMLN Damouliana-K, KEF4 Livadi, KARDAKATA, etc.

SKO 05 01:17:15.3, 41:90N,22:60E, h15km
ATH 05 01:17:22.7, 41:82N,22:66E, h24km,2km, ML2.2/1, Error
ellipse: s-maj=7.5km s-min=1.6km az=169.0

BE0 05 01:17:23.0, 6:41:98N,22:62E, h19km,3km, ML2.5/8
ISC 05 01:17:20.9, 8:41:87N,02:22:54E,0:03, h10km,n38,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like Code Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like HERR Herculane, HUMR Humre, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like IDC 05 01:23:18.5, mb1 4.3/6, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries like IDC 05 02:01:50.6, mb1 4.3/6, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Great Barrier, etc.

IDC 05 03:41:01.8, 0.6, 58.68S:25.12W, h0km, mb4.2/12, mb1 4.3/13, mb1mx4.2/25, mbtmp4.2/13, ML4.6/1, MS3.3/9, Ms1 3.3/9, ms1mx3.2/22, Error ellipse: s-maj=22.9km s-min=18.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hope Point, Neumayer-Stat, VNA3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Inuvik, Songino Array, Eielson Array, etc.

HEL 05 03:46:24.4, 0.0, 67.18N:20.65E, h1km, ML2.4, ML2.3(UPP), Confirmed Induced event

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

IDC 05 03:41:01.8, 0.6, 58.68S:25.12W, h0km, mb4.2/12, mb1 4.3/13, mb1mx4.2/25, mbtmp4.2/13, ML4.6/1, MS3.3/9, Ms1 3.3/9, ms1mx3.2/22, Error ellipse: s-maj=22.9km s-min=18.1km az=85.0

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

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

IDC 05 03:54:21.8, 0.9, 36.05N:97.15W, h0km, mb3.3/1, mb1 3.9/7, mb1mx3.6/42, mbtmp3.6/7, ML3.6/6, MS3.0/6, Ms1 3.0/6, ms1mx2.8/21, Error ellipse: s-maj=12.5km s-min=10.8km az=132.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK031, OK009, OK030, etc.

IDC 05 03:41:01.8, 0.6, 58.68S:25.12W, h0km, mb4.2/12, mb1 4.3/13, mb1mx4.2/25, mbtmp4.2/13, ML4.6/1, MS3.3/9, Ms1 3.3/9, ms1mx3.2/22, Error ellipse: s-maj=22.9km s-min=18.1km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OK031, OK009, OK030, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like W41B Gary Mavity, V Lake Whitney, WHTX Lake Whitney, etc.

WEL 05 03:59:24.5, 39°S, 175°E, h233km, 4km, M2.7/30, MLV2.7/30, Error ellipse: s-maj=0.0km s-min=0.0km az=95.6, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PKVZ Pokaka, LREZ Lake Rotokare, WTVZ West Tongariro, etc.

WEL 05 04:09:52.4, 10.46°S, 176°E, h66km, 8km, M3.6/9, ML3.9/9, MLV3.6/9, Error ellipse: s-maj=0.0km s-min=0.0km az=111.1, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DCZ Deep Cove, WHZ Wether Hill, PYZ Puysegur Point, etc.

WEL 05 04:20:25.0, 44°S, 10°17'27"E, h11km, 10km, M2.1/6, ML2.1/6, MLV2.1/6, Error ellipse: s-maj=0.0km s-min=0.0km az=167.4, South Island

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

WEL 05 04:44:46.9, 12.0, 6.80S, 129.80E, h0km, mb4.1/1, mb1.4/2.3, mb1mx3.7/19, mbtmp4.0/3, ML3.9/2, Error ellipse: s-maj=170.7km s-min=126.4km az=136.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA 0.7nm, 0.3s, baz=345, slow=13, SNR=29, etc.

VAO 05 04:57:53.5, 1.7, 101°33'S, 76°11'W, h10km, mb4.5, NEIC 05 04:58:20.3, 1.0, 9.50S, 0.09, 74.9W, 0.1, h12km, 10km, mb4.1/6, Error ellipse: s-maj=15.5km s-min=12.7km az=63.0

IDC 05 04:58:22.1, 1.8, 9°61'S, 75°03'W, h129km, 22km, mb3.4/7, mb1.3/6.12, mb1mx3.5/33, mbtmp3.8/2.2, Error ellipse: s-maj=21.8km s-min=15.5km az=37.0

ISC 05 05:20.0, 0.6, 9.50S, 0.06, 74.97W, 0.07, h100km, n55, s=140/55, mb3.7/8, Central Peru

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

WEL 05 05:05:05.9, 1.0, 57.65S, 25.54W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.7/26, mbtmp3.8/3.0, Error ellipse: s-maj=48.4km s-min=31.2km az=93.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VVDA Vanda, H10N1 ASCENSION HYDRO.42, H10N3 ASCENSION HYDRO.44, etc.

JMA 05 05:05:30.1, 0.4, 33°22'N, 138°19'E, h337km, 6km, M3.2, IDC 05 05:05:31.7, 0.8, 33°16'N, 137°34'E, h320km, 6km, mb3.3/13, mb1.3/5.17, mb1mx3.3/47, mbtmp4.0/1.7, Error ellipse: s-maj=16.0km s-min=11.8km az=64.0

ISC 05 05:32.4, 0.8, 33.34N, 0.07, 138°10'E, 0.06, h324km, 6km, n45, e121/54, mb3.4/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TK02 Tokai 2, TT03 TONANKAI O.B.S, TT04 TONANKAI O.B.S, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like BATI, BAUMATA, MAUMERE, ENDE, FLORES, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like BAZ=130, BUCI, PUKA, PUK, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like IDC 05 06:52:53.7-11.0, 12.08S-166.82E, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like SOME 05 07:04:30.9, 44.63N-82.23E, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like RICCI, MAKARSKA, STON, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like ARXS, ARHARLY, MAUMERE, ENDE, FLORES, etc.

IDC 05 07:40:25.8-2.6, 52.02N-171.18W, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.4/44, mbtimp3.5/5, ML2.8/2, Error ellipse: s-maj=58.7km s-min=34.1km az=1.0

NEIC 05 07:40:29.8-1.0, 51.6N-0.2-171.27W, h0.08, h37km, 23km, Error ellipse: s-maj=23.8km s-min=6.2km az=170.0

AEIC 05 07:40:30.0-1.6, 51.98N-0.08-171.37W, h0.07, h29km, 8km, ML3.0/22, Error ellipse: s-maj=12.3km s-min=5.8km az=180.0

ISC 05 07:40:28.8-1.4, 51.6N-0.1-171.24W, h0.05, h35km, n21, r135/25, mb3.5/3, Fox Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like KOSE, KOROVIN, ATKA, etc.

CNRM 05 07:56:20.4-1.2, 35.33N-4.39W, h104km, 11km, Error ellipse: s-maj=11.4km s-min=6.1km az=69.0

SFS 05 07:56:22.3, 35.30N-4.40W, ML2.5, ALHUCEMAS (MARRUECOS)

INMG 05 07:56:23.2-1.2, 35.32N-4.50W, h55km, 8km, ML2.5, Error ellipse: s-maj=3.0km s-min=2.5km az=96.0

IGIL 05 07:56:23.2, 35.34N-4.35W, h42km, ML2.6

MDD 05 07:56:23.4-0.9, 35.35N-4.43W, h86km, 7km, mb2.4/13, Error ellipse: s-maj=7.5km s-min=5.3km az=5.0, PRRKM

ISC 05 07:56:20.4-1.3, 35.33N-0.03-4.41W, h0.03, h105km, 7km, n80, r176/133, 1C, Strait of Gibraltar

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PVLZ, PALEN, CEUTA, etc.

| | | | | | | |
|------|--------------------------------------------|-------|-----|-----|----|-----------------|
| COEB | Comit de Eme | 2.30 | 91 | eP | Pn | 10 18 20.8 +0.3 |
| TECA | Tecapa | 2.33 | 91 | eP | Pn | 10 18 21.3 +0.3 |
| TECA | Tecapa | 2.33 | 91 | eP | Pn | 10 18 21.3 +0.3 |
| LCND | La Caada | 2.93 | 95 | eP | Pn | 10 18 29.5 +0.4 |
| LCND | La Caada | 2.93 | 95 | eP | Pn | 10 18 29.5 +0.4 |
| CCIG | Comitan | 1.95 | 366 | Pn | Pn | 10 18 36.7 +2.1 |
| PETF | Flores | 3.48 | 16 | eP | Pn | 10 18 38.7 +2.1 |
| TGUH | Tegucigalpa,Un | 3.55 | 82 | eP | Pn | 10 18 38.0 +0.2 |
| TGUH | Tegucigalpa,Un | 3.55 | 82 | eP | Pn | 10 18 37.4 +0.4 |
| CRIN | San Cristobal | 3.84 | 102 | eP | Pn | 10 18 42.2 +0.6 |
| MATN | Matagalpa | 4.88 | 97 | Pn | Pn | 10 18 56.2 +0.3 |
| CMIG | Matias Romero | 5.21 | 313 | Pn | Pn | 10 19 00.8 +0.4 |
| CMIG | comp=Z,29nm,0.3s,baz=12,slow=13,SNR=191 | | | | | |
| ACON | Acopyapa | 5.99 | 117 | eP | Pn | 10 20 00.3 +1.1 |
| GBS3 | Finca Las Img | 6.09 | 117 | eP | Pn | 10 19 07.8 -0.7 |
| LAPC | Finca la Perla | 6.02 | 117 | eP | Pn | 10 19 13.2 +2.1 |
| GB1A | Borinquen Arri | 6.02 | 116 | eP | Pn | 10 19 13.0 +1.5 |
| BUEV | Buena Vista | 6.03 | 116 | eP | Pn | 10 19 13.3 +1.7 |
| BUIA | Buenos Aires | 6.06 | 116 | eP | Pn | 10 19 13.1 +1.4 |
| GPS3 | Bodega del ICE | 6.09 | 117 | eP | Pn | 10 19 14.5 +2.5 |
| GPS1 | Guardaparques | 6.09 | 116 | eP | Pn | 10 19 14.6 +2.1 |
| GPS2 | Hotel Rincon d | 6.09 | 117 | eP | Pn | 10 19 14.7 +2.1 |
| ORTG | Ortega, Santa | 6.20 | 120 | J/P | Pn | 10 19 15.4 +1.5 |
| ORTG | | | | | | |
| GUAI | GUAI | 6.20 | 121 | J/P | Pn | 10 20 20.5 -3.1 |
| GUAI | Limalon | 6.21 | 117 | eP | Pn | 10 19 15.4 +1.4 |
| GULB | Guayabo de Bag | 6.22 | 116 | eP | Pn | 10 19 16.2 +1.9 |
| COLC | Colonia | 6.26 | 117 | eP | Pn | 10 19 16.8 +1.9 |
| HORN | Hornillas | 6.26 | 116 | eP | Pn | 10 19 16.1 +1.2 |
| CUII | Cuipilapa | 6.30 | 117 | eP | Pn | 10 19 16.6 +1.2 |
| DUNO | Dulce Nombre, | 6.32 | 120 | J/P | Pn | 10 19 16.9 +1.3 |
| ACAL | Aguas Claras | 6.42 | 116 | eP | Pn | 10 19 17.8 +0.7 |
| PTEN | Parque Tenorio | 6.43 | 115 | eP | Pn | 10 19 17.1 -0.1 |
| JTS | Las Juntas de | 6.66 | 119 | Pn | Pn | 10 19 21.8 +1.5 |
| JTS | comp=Z,13nm,0.3s,baz=12,slow=20,SNR=61 | | | | | |
| JTS | baz=312,slow=16,SNR=9.9 | | | | | |
| JTS | Las Juntas de | 6.66 | 119 | Pn | Pn | 10 19 21.8 +1.5 |
| JTS | Las Juntas de | 6.66 | 119 | Pn | Pn | 10 19 21.6 +1.3 |
| CASO | Castillo | 6.78 | 117 | J/P | Pn | 10 19 23.5 +1.5 |
| AREI | Arenal 1 | 6.78 | 116 | J/P | Pn | 10 19 24.1 +2.1 |
| CEDE | Laguna Cedeo | 7.78 | 116 | J/P | Pn | 10 19 14.0 +2.4 |
| CEDE | | | | | | |
| FORC | Fortuna | 6.82 | 116 | eP | Pn | 10 20 40.8 +2.8 |
| TEIG | Tepecih | 7.09 | 20 | eP | Pn | 10 19 24.0 +1.5 |
| TEIG | Tepecih | 7.09 | 20 | eP | Pn | 10 19 27.7 +1.6 |
| JACO | JACO Garabito | 7.22 | 120 | J/P | Pn | 10 19 28.7 +2.6 |
| HDC | Heredia | 7.52 | 117 | eP | Pn | 10 19 32.7 +0.5 |
| HDC | Heredia | 7.52 | 117 | Pn | Pn | 10 19 33.2 +1.0 |
| LCR2 | La Lucha 2 | 7.74 | 119 | J/P | Pn | 10 19 36.6 +1.3 |
| CVTR | Volcan Turrial | 7.82 | 116 | eP | Pn | 10 19 37.9 +1.3 |
| RIMA | Rio Macho | 7.85 | 118 | eP | Pn | 10 19 38.5 +1.7 |
| CDJM | Cerro de Muert | 8.19 | 120 | J/P | Pn | 10 19 42.0 +2.4 |
| EDDO | Dominical | 8.11 | 121 | eP | Pn | 10 19 41.8 +1.6 |
| PEZE | Perez Zeledon, | 8.20 | 120 | eP | Pn | 10 19 43.9 +2.4 |
| EDLM | Las Mercedes | 8.33 | 120 | J/P | Pn | 10 19 45.8 +2.5 |
| TLIG | Tipapa | 8.40 | 299 | Pn | Pn | 10 19 45.5 +1.3 |
| EDPN | Palmar Norte | 8.61 | 121 | eP | Pn | 10 19 49.5 +2.5 |
| DRKO | Durika | 8.65 | 120 | eP | Pn | 10 19 48.4 +2.0 |
| EDBA | Buenos Aires | 8.65 | 120 | eP | Pn | 10 19 49.4 +1.7 |
| RIOS | Rincon,osa | 8.70 | 123 | J/P | Pn | 10 19 50.0 +1.7 |
| PTJ1 | Puerto Jimnez | 8.97 | 123 | eP | Pn | 10 19 53.9 +1.9 |
| EDSV | San Vito | 9.09 | 120 | eP | Pn | 10 19 55.6 +1.9 |
| CDIT | Canoas | 9.30 | 121 | eP | Pn | 10 19 58.9 +2.4 |
| BRU2 | Volcan | 9.34 | 120 | J/P | Pn | 10 19 58.5 +1.4 |
| MTDJ | Mount Denham | 13.66 | 68 | eP | P | 10 21 03.5 0.0 |
| MOTC | Monteria, Cord | 15.68 | 106 | eP | P | 10 21 24.3 -1.5 |
| SJCC | San Jacinto, C | 15.81 | 102 | eP | P | 10 21 26.2 -1.2 |
| DBBC | Dabeiba | 15.84 | 113 | eP | P | 10 21 26.9 -0.8 |
| 735A | Kenedy | 16.52 | 338 | P | P | 10 21 35.5 -0.1 |
| 735A | | | | | | |
| CBOC | Ciudad Bolivar | 16.53 | 116 | eP | P | 10 21 35.6 +0.1 |
| 833A | Chaparral WMA, | 16.69 | 333 | P | P | 10 21 37.7 +0.5 |
| 833A | Chaparral WMA, | 16.69 | 333 | P | P | 10 21 36.5 -0.4 |
| 833A | | | | | | |
| PLMC | San Jos del P | 16.78 | 119 | eP | P | 10 21 38.2 +0.1 |
| HELC | Santa Helena | 16.81 | 114 | eP | P | 10 21 40.7 +2.0 |
| ZARC | Zaragoza, Cau | 16.87 | 109 | eP | P | 10 21 39.0 -0.1 |
| HKT | Hockley | 16.94 | 345 | P | P | 10 21 39.5 -0.1 |
| DWPF | Disney Wildern | 16.95 | 30 | P | P | 10 21 41.2 +1.4 |
| DWPF | baz=213 | | | | | |
| DWPF | Disney Wildern | 16.95 | 30 | P | P | 10 21 39.3 -0.5 |
| SMLC | San Martin de | 17.16 | 104 | eP | P | 10 21 42.0 -0.3 |
| YOTC | Yotoco, Valle | 17.23 | 122 | eP | P | 10 21 45.0 +1.8 |
| 441A | DeRidder | 17.24 | 353 | P | P | 10 21 42.8 -0.3 |
| 441A | | | | | | |
| GU2C | Guyana, Caldas | 17.41 | 117 | eP | P | 10 21 47.0 +1.5 |
| RREF | El Recreo | 17.58 | 118 | eP | P | 10 21 49.7 +2.1 |
| BBAC | Balboa, Cauca | 17.71 | 129 | eP | P | 10 21 49.5 +0.9 |
| ANIL | Santa Ana | 17.74 | 119 | eP | P | 10 21 52.5 +3.5 |
| TOLA | Tolima | 17.76 | 119 | eP | P | 10 21 53.5 +3.2 |
| 342A | Flagon Creek P | 17.78 | 356 | P | P | 10 21 49.1 +0.1 |
| 342A | | | | | | |
| 346A | Big Creek Wild | 17.79 | 4 | P | P | 10 21 49.3 +0.1 |
| 344A | Westbrook Farm | 17.81 | 0 | P | P | 10 21 50.1 +0.8 |
| POPC | Popayan, Colom | 18.27 | 127 | eP | P | 10 21 52.2 +2.5 |
| BRAL | Brewton | 18.28 | 11 | P | P | 10 21 52.8 +2.7 |
| BRAL | baz=192 | | | | | |
| BRAL | Brewton | 17.88 | 11 | P | Pn | 10 21 49.0 -1.0 |
| BRRC | Barranca, Sant | 18.07 | 168 | eP | Pn | 10 21 56.5 +4.0 |
| OTAV | Otavallo | 18.09 | 136 | eP | Pn | 10 21 53.6 +0.5 |
| OTAV | Otavallo | 18.09 | 136 | eP | Pn | 10 21 50.6 -2.4 |
| OTAV | Otavallo | 18.09 | 136 | eP | Pn | 10 21 53.6 +0.5 |
| PCON | Cinco Dias | 18.17 | 127 | eP | Pn | 10 21 57.5 +3.3 |
| ORTC | Ortega, Tolima | 18.20 | 120 | eP | Pn | 10 21 57.3 +3.4 |
| MARP | Paez Belalcaza | 18.18 | 124 | eP | Pn | 10 21 57.4 +3.1 |
| 435B | Jarrell | 18.22 | 341 | P | P | 10 21 55.4 +1.3 |
| 435B | baz=159 | | | | | |
| 435B | Jarrell | 18.22 | 341 | P | P | 10 21 54.0 +0.2 |
| SPBC | San Pablo de B | 18.34 | 114 | eP | Pn | 10 21 54.5 -0.9 |
| NATX | Nacogdoches | 18.44 | 350 | P | P | 10 21 57.0 +0.2 |
| NATX | baz=188 | | | | | |
| NATX | Nacogdoches | 18.44 | 350 | P | P | 10 21 54.2 -2.1 |
| ROSC | El Rosal | 18.50 | 116 | Pn | Pn | 10 22 01.6 +3.6 |
| ROSC | comp=Z,1.2nm,0.3s,baz=16,slow=15,SNR=4.7 | | | | | |
| ROSC | LR | | | | | |
| ROSC | comp=Z,180nm,20.5s,baz=292,slow=40 | | | | | |
| ROSC | El Rosal | 18.50 | 116 | P | Pn | 10 21 54.6 -2.9 |
| VBMS | Vicksburg | 18.58 | 1 | P | P | 10 21 59.9 +1.5 |
| VBMS | baz=191,SNR=18 | | | | | |
| 352A | Blakely | 18.58 | 1 | P | Pn | 10 21 57.6 -0.2 |
| 352A | | | | | | |
| 352A | Blakely | 18.58 | 1 | P | Pn | 10 22 00.1 +0.7 |
| 352A | | | | | | |
| 352A | | | | | | |
| JCT | Junction City | 18.74 | 335 | P | Pn | 10 22 01.5 +1.0 |
| JCT | baz=152,SNR=11 | | | | | |
| JCT | Junction City | 18.74 | 335 | P | Pn | 10 22 00.3 +0.7 |
| BARC | Barichara | 18.75 | 110 | eP | Pn | 10 22 00.8 -0.1 |
| 250A | Grady | 18.82 | 12 | P | P | 10 21 59.3 -1.1 |
| 237A | Washetta, Mont | 18.90 | 347 | P | P | 10 22 00.0 -1.3 |
| PAMP | Pamplona, Colo | 19.02 | 117 | eP | Pn | 10 22 01.1 -0.5 |
| TIGA | Tifton | 19.02 | 19 | P | P | 10 22 02.9 +0.3 |
| TIGA | baz=202,SNR=9.9 | | | | | |
| TIGA | Tifton | 19.02 | 19 | P | P | 10 22 02.0 -0.6 |
| 143A | Soes Landing, | 19.06 | 359 | P | Pn | 10 22 04.3 0.0 |
| 146A | Union | 19.06 | 5 | P | P | 10 22 02.9 -0.2 |
| 146A | | | | | | |
| CHIC | Chingaza | 19.11 | 116 | eP | Pn | 10 22 05.5 0.0 |
| RUSC | La Rusia | 19.12 | 112 | eP | Pn | 10 22 06.6 +0.9 |
| HPFG | High Point | 19.12 | 114 | eP | Pn | 10 22 07.1 -0.6 |
| WHTX | Lake Whitney, | 19.31 | 343 | P | Pn | 10 22 07.0 -0.3 |
| WHTX | baz=160,SNR=12 | | | | | |
| WHTX | Lake Whitney, | 19.31 | 343 | P | P | 10 22 05.3 -0.5 |
| WHTX | | | | | | |
| TX32 | Lajas Array | 19.66 | 325 | P | Pn | 10 22 11.7 +0.1 |
| TXAR | Lajas Array | 19.66 | 325 | P | Pn | 10 22 12.7 +1.1 |
| TXAR | comp=Z,1.5nm,0.3s,baz=153,slow=11,SNR=106 | | | | | |
| TXAR | PcP | | | | | |
| TXAR | comp=Z,0.2nm,0.3s,baz=152,slow=12,SNR=5.9 | | | | | |
| TXAR | ScP | | | | | |
| TXAR | comp=Z,0.1nm,0.3s,baz=154,slow=6.5,SNR=4.0 | | | | | |
| TX31 | Lajas Ar. Si | 19.66 | 325 | P | P | 10 22 11.0 +1.2 |
| TX31 | | | | | | |

| | | | | | | |
|------|--------------------------------------------|-------|-----|----|-------|-----------------|
| Z41A | Richland Creek | 19.69 | 355 | P | Pn | 10 22 11.0 -0.7 |
| Z41A | baz=174,SNR=8.2 | | | | | |
| Z41A | Richland Creek | 19.69 | 355 | P | I/Amb | 10 22 09.8 0.0 |
| Z41A | | | | | | |
| LRAL | Lakeview Retre | 19.71 | 10 | P | Pn | 10 22 11.3 -0.6 |
| LRAL | baz=191,SNR=5.7 | | | | | |
| LRAL | Lakeview Retre | 19.71 | 10 | P | Pn | 10 22 10.9 +0.8 |
| Z57A | Carrollton | 19.72 | 7 | P | P | 10 22 10.9 +0.7 |
| 124A | Waverly Hall | 19.84 | 16 | P | P | 10 22 11.6 0.0 |
| Z38A | Mt. Pleasant | 19.86 | 350 | P | P | 10 22 12.3 -0.6 |
| TAMC | Tame, Arauca | 20.09 | 109 | eP | P | 10 22 14.1 -0.4 |
| WLAR | White Oak Lake | 20.14 | 355 | P | P | 10 22 15.2 +0.4 |
| Y45A | Gary Farm, C | 20.25 | 3 | P | Pn | 10 22 17.0 -1.0 |
| 154A | Montrose | 20.26 | 19 | P | P | 10 22 15.6 -0.5 |
| MACC | Macarana, Meta | 20.32 | 122 | eP | Pn | 10 22 19.1 -0.2 |
| Z51A | Franklin | 20.35 | 14 | P | P | 10 22 17.8 +0.7 |
| SDV | Santo Domingo | 20.40 | 101 | P | P | 10 22 15.9 -2.2 |
| SDV | comp=Z,1.3nm,0.3s,baz=305,slow=3,SNR=7.5 | | | | | |
| SDV | PcP | | | | | |
| SDV | comp=Z,0.5nm,0.3s,baz=233,slow=6.3,SNR=4.0 | | | | | |
| SDV | Santo Domingo | 20.40 | 101 | eP | P | 10 22 16.4 -1.7 |
| SDV | Santo Domingo | 20.40 | 101 | eP | P | 10 22 16.2 -1.9 |
| Z35A | Perchavon | 20.52 | 345 | P | P | 10 22 17.0 -1.0 |
| ABTX | Abilene, Hawle | 20.59 | 339 | P | P | 10 22 20.7 +0.9 |
| ABTX | Abilene, Hawle | 20.59 | 339 | P | I/Amb | 10 22 19.4 -0.4 |
| ABTX | | | | | | |
| Y49A | Blount Mountai | 20.61 | 11 | P | P | 10 22 20.8 +0.8 |
| GOGA | Godfrey | 20.89 | 18 | P | P | 10 22 24.2 +1.3 |
| GOGA | baz=200,SNR=17 | | | | | |
| XOF | Oxford | 20.89 | 3 | P | P | 10 22 23.0 +0.1 |
| XOF | baz=184,SNR=6.6 | | | | | |
| XOF | Oxford | 20.90 | 3 | P | P | 10 22 23.1 +0.1 |
| X40A | Basin Creek Fa | 20.91 | 356 | P | P | 10 22 23.2 +0.1 |
| X40A | baz=173,SNR=5.4 | | | | | |
| X40A | Basin Creek Fa | 20.91 | 356 | P | P | 10 22 22.8 -0.3 |
| MIAR | Mount Ida | 21.04 | 354 | P | P | 10 22 23.9 -0.6 |
| MIAR | baz=173,SNR=12 | | | | | |
| MIAR | Mount Ida | 21.04 | 354 | P | P | 10 22 23.5 -1.0 |
| X48A | Blount | 21.05 | 9 | P | P | 10 22 27.9 0.4 |
| GUAR | San Jose del G | | | | | |

5d 10h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like N56A West Decatur, PDMCI Parker Dam, L53A Girard, etc.

2014 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like RLMT Red Lodge, YNE Yellowstone No, WAKR WAKR, etc.

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Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like G004 Tololo Observa, CO01 Juntas del Tor, ARAG Araguaiana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes entries for CM15, CM02, CM01, etc.

DDA 05 10:25:37.4, 38°59'N, 26°08'E, h18km, 2km, ML2.1
ISK 05 10:25:37.7, 38°58'N, 26°12'E, h14km, ML2.3, 9

ATH 05 10:25:37.6, 38°58'N, 26°09'E, h30km, 3km, ML2.5/4, Error ellipse: s-maj=4.2km s-min=1.3km az=302.0

ISC 05 10:25:37.9, 1.2, 38°59'N, 02°02.26'12E, 0.03, h15km, 10km, n27, c057143, Aegean Sea

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes entries for URLA, PSRA, PSRA, PSRA, etc.

BJI 05 10:43:53.1±0.0, 6°88'S, 128°68'E, h253km, mb4.9/41, m5.2/75

MOS 05 10:43:54.2±0.0, 6°80'S, 128°33'E, h245km, mb5.0/57, Error ellipse: s-maj=8.1km s-min=4.6km az=114.7

NEIC 05 10:43:55.9±2.2, 6°84'S, 128°32'E, 0.06, h251km, 5km, mb5.1/130, Error ellipse: s-maj=9.3km s-min=8.8km az=179.0

GCMT 05 10:43:55.9±0.2, 6°85'S, 0°01'±128°34E, 0.02, h255km, 2km, MW5.1/99, Moment Tensor Solution. s61.c73; s99.c135; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.02±1.7; Mw=3.6±1.5; Mww=3.6±1.6; Mw=4.09±1.5; Mw=0.02±1.4; Mw=3.56±1.6; Best double couple: Mo:6.512000/1016

NP1=44.00000°, delta 0.00000°, lambda 0.00000°. NP2: phi=134.00000°, delta 0.00000°, lambda=124.00000°. Principal axes: T 6.3350, Plg36.0000°, rm253.0000°; N 0.3620, Plg34.0000°, Azm134.0000°; P -6.6890, Plg36.0000°, Azm15.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, body=50s. Triangular moment-rate function

IDC 05 10:43:56.1±0.5, 6°83'S, 128°29'E, h250km, 4km, mb4.8/19, mb1 4.8/26, mb1mx4.8/28, mb2mp5.5/26 Error ellipse: s-maj=9.7km s-min=7.1km az=81.0

DJA 05 10:43:57.0±1.7, 7°S, 1°12'BE, h250km, 2km, mb5.5/77, mb5.4/109, MLv5.9/24, Mw(mb)5.0/77, Mw(p)5.2/7

KLM 05 10:44:01.0, 7°10'S, 128°19'E, h307km, mb5.6

ISC 05 10:43:56.3±0.4, 6°87'S, 0°03'±128°33E, 0.03, h257km, 3km, h256km, pP, n50, c1440/622, mb5.0/181, 14C-13D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes entries for BNDI, SAUJ, SAUJ, SAUJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes entries for MMRI, KDI, MTN, MTN, etc.

EDFI Ende, Flores 6.24 254 P Pn 10 45 35.3 0.0

KDU Kakadu 7.08 145 P Pn 10 45 37.3 -0.7

TNTI Ternate 7.65 353 P Pn 10 45 46.4 +1.1

TNTI Ternate 7.65 353 Pn 10 45 45.9 +0.6

BSSI Bau Bau, Buton 7.83 275 P Pn 10 45 49.7 +2.2

LUWI Luwuk 8.02 316 P Pn 10 45 52.5 +2.6

LUWI Luwuk 8.02 316 Pn 10 45 52.0 +2.1

BKSI Bulukumba 8.31 280 P Pn 10 45 54.6 +1.0

BASI Baing, Sumba 8.36 246 P Pn 10 45 54.1 -0.1

BNSI Bone 8.54 286 P Pn 10 45 57.9 +1.3

KMSI Cibinong 8.57 329 P Pn 10 45 59.9 +3.0

KAPI Kappang 8.73 282 P Pn 10 45 59.6 +0.7

KAPI Kappang 8.73 282 Pn 10 45 59.3 +0.4

KNRA Kununurra 8.77 177 P Pn 10 45 58.8 -0.5

KNRA Kununurra 8.77 177 Pn 10 45 58.9 -0.4

APSI Ampama 8.91 311 P Pn 10 46 04.7 -3.2

SPSI Sidrap Palu 9.00 288 P Pn 10 46 03.6 +1.3

TTSI Tana Toraja 9.29 294 P Pn 10 46 08.8 +2.8

BAKI Biak 9.59 54 P Pn 10 46 11.9 +2.2

MRSI Marisa 9.69 319 P Pn 10 46 13.2 +2.2

PLAI Plampang 10.64 259 P Pn 10 46 21.1 -1.8

SGSI Sangihe 10.85 345 P Pn 10 46 26.1 +0.6

TOLIZ Tolitoli 10.94 316 P P 10 46 30.0 -0.8

MPSI Mapaga 11.05 310 P P 10 46 35.0 +3.0

FITZ Fitzroy Crossi 11.47 193 P Pn 10 46 31.7 -1.5

FITZ Fitzroy Crossi 11.47 193 P S 10 46 31.7 -1.5

TWSI Taliwang Sumb 11.51 260 P Pn 10 46 32.2 -1.4

GENI Genyem 12.53 71 P P 10 46 47.7 -0.8

KBK Kotabaru 12.62 286 P P 10 46 50.2 +0.7

BKB Balikpapan 12.69 296 P P 10 46 53.6 +3.3

SMKI Samarinda 12.80 299 P P 10 46 54.2 +2.7

JAY Jayapura 13.06 71 P Pn 10 46 53.1 +0.1

JAY Jayapura 13.06 71 P S 10 49 19.0 +0.7

JAY Jayapura 13.06 71 P Pn 10 46 55.7 +1.2

SRBI Singaraja 13.06 264 P Pn 10 46 52.8 -0.1

DNP Denpasar 13.13 261 P P 10 46 56.2 +1.1

BBKI Banjar Baru 13.85 283 P P 10 47 05.3 +2.1

ABJI Asele Basu 14.02 265 P P 10 47 05.8 +0.8

WBW Warramunga Arr 14.11 156 P Pn 10 47 04.2 -1.5

DAV Davao City (W) 14.11 349 P P 10 47 06.9 +0.9

JAGI Jagaj, Banyuw 14.14 263 P Pn 10 47 05.1 -1.0

JAGI Jagaj, Banyuw 14.14 263 Pn 10 47 03.3 -2.8

WRAB Tennant Creek 14.24 156 P Pn 10 47 05.6 -1.6

WRAB Tennant Creek 14.24 156 Pn 10 47 05.8 -1.5

WRAB Tennant Creek 14.24 156 Pn 10 47 05.6 -1.6

WRA Warramunga Arr 14.25 156 P Pn 10 47 05.8 -1.5

WRA Warramunga Arr 14.25 156 P S 10 49 41.0 -3.9

WRA Warramunga Arr 14.25 156 P Pn 10 47 05.8 -1.5

WB2 Warramunga Arr 14.25 156 P Pn 10 47 06.8 -0.5

WB2 Warramunga Arr 14.25 156 Pn 10 47 06.5 -0.8

WR0 Warramunga Arr 14.24 156 P Pn 10 47 07.3 -1.1

MTKI Muara Teweh, K 14.63 293 P Pn 10 47 14.2 +2.2

BLJI Banyuwilug 14.64 266 P P 10 47 12.0 +0.1

MYLMD Lahad Datu 15.48 320 P P 10 47 19.9 -1.2

GRJI Gresik 15.74 269 P P 10 47 26.0 +0.8

COEN Coen 16.20 117 P Pn 10 47 30.4 -0.3

COEN Coen 16.20 117 Pn 10 47 30.3 -0.3

COEN Coen 16.20 117 Pn 10 47 33.8

TBJI Tambak Bayu 16.37 269 P Pn 10 47 32.1 -0.5

PWJI Pagerwojo 16.43 265 P P 10 47 32.0 +0.4

PSA00 Pilbara Seismi 16.76 208 P P 10 47 36.0 +0.9

PBKI Pangkalan Bun 17.11 283 P Pn 10 47 41.7 +0.4

WOJI Wonogiri, Jawa 17.29 266 P P 10 47 39.2 -1.8

QIS Mount Isa 17.45 142 P Pn 10 47 44.3 -1.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes entries for JCJI, CISI, CISI, LEM, LEM, GIRL, etc.

JCJI Jatiwangi 19.93 270 P P 10 48 11.7 +2.4

CISI Cismopet, Garu 20.37 267 P P 10 48 11.8 -2.3

CISI Cismopet, Garu 20.37 267 P P 10 48 11.3 -2.7

LEM Lembang 20.57 269 P P 10 48 14.9 -1.3

LEM Lembang 20.57 269 P P 10 48 15.0 -1.3

GIRL Giriala 20.75 219 P P 10 48 18.9 +1.0

GIRL Giriala 20.75 219 P P 10 48 19.0 +1.1

CBJI Citeko 21.34 270 P P 10 48 21.4 -2.5

DBJI Dragamaga 21.44 270 P P 10 48 23.2 -1.6

SKJI Sukabumi 21.62 268 P P 10 48 24.5 -1.9

MEEK Meekatharra 21.73 204 P P 10 48 27.4 0.0

CTA Charters Tower 21.79 129 P P 10 48 30.1 +2.0

CTA Charters Tower 21.79 129 P P 10 48 29.1 +1.1

CTAO Charters Tower 21.79 129 P P 10 48 29.1 +1.1

CTAO Charters Tower 21.79 129 P P 10 48 29.1 +1.1

SBJI Serang 22.07 271 P P 10 48 30.1 -0.5

TGY Tagaytay City 22.09 341 P P 10 48 31.4 +0.7

PPBI Pangkal Pinang 22.61 281 P P 10 48 36.6 +1.1

XMIS Christmas Isla 22.70 259 P P 10 48 34.8 -1.6

KLSI 23.58 274 P P 10 48 44.4 +0.1

KRVT Keravat (AS076) 23.71 85 P P 10 48 47.0 +1.4

FORT Forrest 23.79 181 P P 10 48 46.8 +0.8

FORT Forrest 23.79 181 P P 10 48 46.3 +0.3

PMBI Palembang 23.79 278 P P 10 48 51.4 +5.1

PMBI Palembang 23.79 278 P P 10 48 49.5 +3.2

RABL Rabau 23.87 85 P P 10 48 48.2 +1.2

MBSI Meaurua Dua 24.15 274 P P 10 48 48.9 -0.6

MORW Morawa 24.95 206 P P 10 48 56.9 +0.4

MORW Morawa 24.95 206 P P 10 48 57.1 +0.6

MORW Morawa 24.95 206 P Iamb 10 48 58.7

KMBL Kambalda 25.11 193 P P 10 48 58.7 +0.7

MYKOM Kota Tinggi 25.90 289 P P 10 49 06.3 +1.1

MYKOM Kota Tinggi 25.90 289 P P 10 49 18.0 +1.3

BLDU Ballidu 26.02 203 P P 10 49 03.6 +0.2

GUMO Guam 26.13 39 P P 10 49 06.0 -1.2

KLBR Kellerberrin 26.51 201 P P 10 49 11.1 +0.6

BBOO Buckleboe 26.80 165 P P 10 49 14.0 +1.0

BBOO Buckleboe 26.80 165 P P 10 49 14.0 +1.0

KRJI Kerinci 27.20 279 P P 10 49 21.0 +4.1

MUN Mundaring 27.43 203 P P 10 49 19.1 +0.4

SUN Sungai Dareh 27.47 281 P P 10 49 20.9 +1.7

STKA Stephens Creek 27.79 155 P P 10 49 23.0 +1.1

STKA Stephens Creek 27.79 155 P P 10 49 23.0 +1.1

STKA Stephens Creek 27.79 155 P P 10 49 23.0 +1.1

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STKA Stephens Creek 27.79 155 P P 10 49 23.0 +1.1

| | | | | | | |
|------------|--------------|-----------------------|------------------|-------------|-------------|------------------------|
| 185 | SGDS | Sogindy | 69.72 321 | i P | P | 10 54 39.4 +0.7 |
| | SGDS | Sogindy | 69.72 321 | i P | P | 10 54 39.3 +0.7 |
| | BTK | Batken | 70.54 317 | pmax | Pmax | 10 54 44.8 +1.1 |
| | BTK | Batken | 70.54 317 | pmax | Pmax | 10 54 44.8 +1.1 |
| | SEM | Semipalatinsk | 70.54 330 | eP | P | 10 54 44.0 +0.3 |
| | SEM | Semipalatinsk | 70.54 330 | eP | Pmax | 10 54 43.9 +0.3 |
| | ZAAO | Zalesovo Array | 70.74 334 | P | P | 10 54 44.0 -0.4 |
| | ZALV | Zalesovo Beam | 70.74 334 | P | P | 10 54 44.4 -0.1 |
| | ZALV | Zalesovo Beam | 70.74 334 | P | S | 11 03 55.9 -1.6 |
| | BTLs | Baital | 70.70 322 | i P | P | 10 54 46.3 +0.6 |
| | BTLs | Baital | 70.70 322 | i P | Pmax | 10 54 46.2 +0.6 |
| | BTLs | Baital | 70.70 322 | i P | Pmax | 10 54 46.2 +0.6 |
| | RER | Riviere de l'E | 71.34 250 | P | P | 10 54 50.0 +1.1 |
| | DZA | Taraz | 71.53 319 | eP | P | 10 54 50.0 +0.5 |
| | DZA | Taraz | 71.53 319 | eP | P | 10 54 50.0 +0.5 |
| | KURB | Kurchatov Arra | 71.54 329 | S | S | 11 03 46.5 -0.3 |
| | KURK | Kurchatov | 71.55 329 | i P | P | 10 54 49.6 +0.2 |
| | KURK | Kurchatov | 71.55 329 | i P | Pmax | 10 54 49.6 +0.2 |
| | KURK | Kurchatov | 71.55 329 | i P | P | 10 54 49.9 +0.5 |
| | SEY | Seymchan | 71.99 11 | i P | P | 10 54 51.8 +0.1 |
| | IUG | Iuzhny | 72.03 318 | eP | P | 10 54 53.6 +1.0 |
| | IUG | Iuzhny | 72.03 318 | eP | Pmax | 10 54 53.6 +1.0 |
| | IUG | Iuzhny | 72.03 318 | eP | Pmax | 10 54 53.6 +1.0 |
| | KK31 | Karatay Array | 72.16 319 | P | Pmax | 10 54 53.6 +0.4 |
| | KK31 | Karatay Array | 72.16 319 | P | Pmax | 10 54 53.6 +0.4 |
| | KK31 | Karatay Array | 72.16 319 | P | P | 10 54 53.6 +0.4 |
| | KKAR | Karatay Array | 72.16 319 | P | Pmax | 10 54 53.7 +0.5 |
| | KKAR | Karatay Array | 72.16 319 | P | P | 10 54 53.7 +0.5 |
| | KKAR | Karatay Array | 72.16 319 | P | P | 10 54 53.7 +0.5 |
| | VNDA | Vanda | 72.78 173 | P | P | 10 54 57.2 +1.0 |
| | VNDA | Vanda | 72.78 173 | P | Pmax | 10 54 57.2 +1.0 |
| | VNDA | Vanda | 72.78 173 | P | Pmax | 10 54 57.2 +1.0 |
| | BRZs | Berezni | 74.28 326 | eP | P | 10 55 06.7 +0.2 |
| | BRZs | Berezni | 74.28 326 | eP | Pmax | 10 55 06.3 +0.9 |
| | BRZs | Berezni | 74.28 326 | eP | Pmax | 10 55 06.3 +0.9 |
| | MHTO | Mawson | 74.47 201 | P | P | 10 55 07.7 +1.5 |
| | MAW | Mawson | 74.47 201 | P | P | 10 55 07.7 +1.5 |
| | MAW | Mawson | 74.47 201 | P | P | 10 55 07.7 +1.5 |
| | MAW | Mawson | 74.47 201 | P | Pmax | 10 55 07.8 +1.6 |
| | MAW | Mawson | 74.47 201 | P | Pmax | 10 55 07.8 +1.6 |
| | MAW | Mawson | 74.47 201 | P | P | 10 55 07.8 +1.6 |
| | HRA | Herrat | 74.57 308 | P | P | 10 55 07.8 +1.6 |
| | BID0 | Bidbid | 74.84 297 | P | P | 10 55 09.8 +0.6 |
| | BSY | Bisy | 75.48 296 | P | P | 10 55 13.2 +0.3 |
| | HOQ | Hoqain | 75.58 296 | P | P | 10 55 14.0 +0.6 |
| | SHAO | Shalim | 75.86 290 | i P | P | 10 55 16.0 +0.9 |
| | SHAO | Shalim | 75.86 290 | i P | P | 10 55 16.0 +0.9 |
| | SHAO | Shalim | 75.86 290 | i P | P | 10 55 16.0 +0.9 |
| | SOCV | Socotra | 76.29 284 | P | P | 10 55 17.9 +0.3 |
| | SOHO | SOHO | 76.41 297 | i P | P | 10 55 18.4 +0.4 |
| | SOHO | SOHO | 76.41 297 | i P | P | 10 55 18.4 +0.4 |
| | UOSS | Minazif | 76.89 297 | P | P | 10 55 21.0 +0.2 |
| | UOSS | Minazif | 76.89 297 | P | P | 10 55 21.0 +0.2 |
| | HATD | Hatta, Dubai | 76.93 297 | i P | P | 10 55 21.7 +0.7 |
| | HATD | Hatta, Dubai | 76.93 297 | i P | P | 10 55 21.7 +0.7 |
| | ASHO | Ashiyah | 76.96 297 | i P | P | 10 55 21.8 +0.7 |
| | ASHO | Ashiyah | 76.96 297 | i P | P | 10 55 21.8 +0.7 |
| | MSFE | Esma-Masafi | 77.03 298 | i P | P | 10 55 22.7 +1.2 |
| | MASF | Masafi | 77.03 298 | i P | P | 10 55 23.0 +1.4 |
| | GLNB | Banah | 77.05 298 | i P | P | 10 55 22.7 +1.1 |
| | BAN0M | Banah | 77.05 298 | i P | P | 10 55 22.8 +1.2 |
| | ALNE | Al Ain | 77.08 297 | i P | P | 10 55 22.5 +0.7 |
| | ALNE | Al Ain | 77.08 297 | i P | P | 10 55 22.5 +0.7 |
| | BRVK | Borovoye | 77.15 328 | P | Pmax | 10 55 21.9 +0.4 |
| | BRVK | Borovoye | 77.15 328 | P | Pmax | 10 55 21.9 +0.4 |
| | BRVK | Borovoye | 77.15 328 | P | Pmax | 10 55 21.9 +0.4 |
| | SHME | Shamm | 77.21 299 | P | P | 10 55 23.4 +0.9 |
| | DOK | Doka | 77.37 291 | P | P | 10 55 23.4 -0.1 |
| | NAZ | Nazwa, Dubai | 77.38 297 | i P | P | 10 55 24.1 +0.7 |
| | FAQ | Al Faja, Dubai | 77.38 297 | i P | P | 10 55 24.1 +0.6 |
| | WHFO | Wadi Hawf | 77.56 290 | P | P | 10 55 24.4 -0.2 |
| | ASUD | AI Ashush, Dub | 77.59 297 | i P | P | 10 55 25.7 +1.1 |
| | TIXI | Tiksi | 78.36 | eP | P | 10 55 26.9 -0.9 |
| | TIXI | Tiksi | 78.36 | eP | P | 10 55 26.8 -1.0 |
| | TIXI | Tiksi | 78.36 | eP | P | 10 55 28.5 |
| | GEYT | Alibeck | 78.87 311 | P | P | 10 55 32.7 +1.3 |
| | GEYT | Alibeck | 78.87 311 | P | P | 10 55 29.9 -1.4 |
| | BILL | Bilibino | 79.37 14 | i P | P | 10 55 33.0 -0.3 |
| | BILL | Bilibino | 79.37 14 | i P | P | 10 56 33.0 +0.6 |
| | BILL | Bilibino | 79.37 14 | i P | P | 10 58 34.9 |
| | ABPO | Ambohpanom | 79.41 252 | P | P | 10 55 35.4 +0.5 |
| | ABPO | Ambohpanom | 79.41 252 | P | Pmax | 10 55 35.4 +0.5 |
| | ABPO | Ambohpanom | 79.41 252 | P | P | 10 55 35.4 +0.5 |
| | MLH | Mauna Loa | 79.47 199 | P | P | 10 55 36.0 +0.7 |
| | NRHK | Norik | 81.04 346 | i P | P | 10 55 42.8 +0.6 |
| | NRHK | Norik | 81.04 346 | i P | S | 11 05 28.5 -0.7 |
| | NRHK | Norik | 81.04 346 | i P | S | 11 05 28.5 -0.7 |
| | AB31 | Akbulak array | 81.38 322 | P | Pmax | 10 55 44.4 0.0 |
| | AB31 | Akbulak array | 81.38 322 | P | Pmax | 10 55 44.4 0.0 |
| | AB31 | Akbulak array | 81.38 322 | P | Pmax | 10 55 44.4 0.0 |
| | ABKAR | Akbulak array | 81.38 322 | P | P | 10 55 44.4 0.0 |
| | QSPA | South Pole Qui | 83.11 180 | P | P | 10 55 53.6 +0.3 |
| | SYO | Syowa Base | 83.19 201 | eP | P | 10 55 54.4 +1.0 |
| | FALS | False Pass | 83.35 39 | i P | P | 10 55 56.6 |
| | FALS | False Pass | 83.35 39 | i P | P | 10 55 56.6 |
| | SVE | Sverdlouf | 83.80 329 | eP | P | 10 55 57.5 +0.8 |
| | SVE | Sverdlouf | 83.80 329 | eP | Pmax | 10 55 57.5 +0.8 |
| | ARU | Arti | 84.72 328 | i P | P | 10 56 01.5 +0.2 |
| | ARU | Arti | 84.72 328 | i P | P | 10 56 59.8 -1.5 |
| | ARU | Arti | 84.72 328 | i P | P | 10 59 20.0 |
| | ARU | Arti | 84.72 328 | i P | SS | 11 06 01.3 -5.4 |
| | ARU | Arti | 84.72 328 | i P | SS | 11 11 42.2 -2.8 |
| | ARU | Arti | 84.72 328 | i P | P | 10 56 00.4 -0.9 |
| | ARU | Arti | 84.72 328 | i P | P | 10 56 02.6 |
| | SDPT | Sand Point | 85.10 33 | P | P | 10 56 03.6 +0.4 |

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|-------------|-------------------------|------------------|--------------|-------------------|------------------------|
| SDPT | comp=Z,54nm,1.0s | I Amb | I Amb | 10 56 07.9 | |
| RAYN | Ar Rayn | 86.18 294 | i P | P | 10 56 10.1 +0.8 |
| RAYN | Ar Rayn | 86.18 294 | P | P | 10 56 08.8 -0.5 |
| RAYN | Ar Rayn | 86.18 294 | P | P | 10 56 08.8 -0.5 |
| RAYN | Ar Rayn | 86.18 294 | I Amb | I Amb | 10 56 11.0 |
| TTA | Tatolina | 89.60 26 | P | Pmax | 10 56 24.7 0.0 |
| TTA | Tatolina | 89.60 26 | P | Pmax | 10 56 24.7 0.0 |
| TTA | Tatolina | 89.60 26 | P | P | 10 56 24.7 0.0 |
| GEVA | Gevas | 90.51 308 | P | P | 10 56 30.2 +0.5 |
| SKT | Skwentna | 91.40 28 | P | P | 10 56 31.7 -1.2 |
| SKT | Skwentna | 91.40 28 | I Amb | I Amb | 10 56 32.3 |
| KBZ | Khabaz | 91.41 314 | P | P | 10 56 33.3 -0.1 |
| GOF | Golfitovskoy | 91.49 315 | eP | P | 10 56 44.2 +1.0 |
| KIV | Kislovodsk | 91.59 314 | eP | Pmax | 10 56 33.2 -1.1 |
| A21K | Barrow | 91.71 18 | P | P | 10 56 33.5 -0.7 |
| A21K | Barrow | 91.71 18 | P | P | 10 56 33.1 -1.0 |
| A21K | Barrow | 91.71 18 | I Amb | I Amb | 10 56 35.0 |
| KTH | Kantishna Hill | 91.99 26 | P | P | 10 56 34.8 -0.9 |
| KTH | Kantishna Hill | 91.99 26 | I Amb | I Amb | 1 |

| | | | | | |
|-------|-----------------------------------|-----------------|----------|----|-----------------|
| CAPN | baz=8.7 | Captain Cook N | 1.07 189 | Pn | 11 30 33.6 +1.1 |
| SML | | Sawmill | 1.17 90 | Pn | 11 30 33.4 -0.5 |
| SML | | | | Pn | 11 30 49.5 -0.4 |
| KNK | | Knik Glacier | 1.19 109 | Pn | 11 30 53.7 -0.4 |
| SML | | | | Pn | 11 30 50.4 +0.2 |
| PPLA | | Purkeypile | 1.26 330 | Pn | 11 30 34.5 -0.6 |
| PPLA | | | | Pn | 11 30 50.8 -1.1 |
| HUR | | Hurricane | 1.28 25 | Pn | 11 30 35.2 -0.1 |
| HUR | | | | Pn | 11 30 52.4 +0.2 |
| SLKM | | Skilak Lake | 1.35 168 | Pn | 11 30 35.1 -1.0 |
| SLKM | | | | Pn | 11 30 52.4 -1.3 |
| WAT7 | | Susitna Watana | 1.37 41 | Pn | 11 30 36.4 0.0 |
| O22K | | Cooper Landing | 1.44 158 | P | 11 30 54.8 +0.6 |
| O22K | baz=339,SNR=15 | | | Pn | 11 30 36.6 -0.6 |
| O22K | | | | S | 11 30 54.4 -1.4 |
| O22K | baz=399 | Cooper Landing | 1.44 158 | Pn | 11 30 36.6 -0.6 |
| O22K | | | | Pn | 11 30 54.5 -1.2 |
| WAT1 | | Susitna Watana | 1.46 45 | Pn | 11 30 37.5 -0.1 |
| RDT | | Redoubt | 1.47 213 | Pn | 11 30 37.2 -0.5 |
| PWL | | Port Wells | 1.53 128 | Pn | 11 30 37.5 -0.9 |
| PWL | | | | Pn | 11 30 57.4 -0.5 |
| DFR | | Drift River | 1.53 217 | Pn | 11 30 38.1 -0.4 |
| DFR | | Drift River | 1.53 217 | Pn | 11 30 38.0 -0.5 |
| SNR | | | | Pn | 11 30 38.5 +0.4 |
| WAT2 | | Susitna Watana | 1.54 41 | Pn | 11 30 38.2 0.0 |
| RDJH | | Redoubt Jeurge | 1.57 219 | Pn | 11 30 38.6 -0.5 |
| RDJH | | | | Pn | 11 30 59.3 +0.4 |
| RDN | | Redoubt North | 1.62 217 | Pn | 11 30 39.3 -0.4 |
| RDN | | | | Pn | 11 30 60.0 -0.1 |
| REF | | Redoubt East F | 1.62 215 | Pn | 11 30 39.5 -0.2 |
| REF | | | | Pn | 11 31 00.6 +0.4 |
| WAT6 | | Susitna Watana | 1.63 61 | Pn | 11 30 39.5 -0.2 |
| NCT | | North Crescent | 1.63 220 | Pn | 11 30 39.5 -0.3 |
| NCT | | | | Pn | 11 31 00.5 +0.2 |
| SCM | | Sheep Creek Mo | 1.65 88 | Pn | 11 30 39.5 -0.4 |
| SCM | | | | Pn | 11 31 00.8 +0.1 |
| TRF | | Thorofore Moun | 1.65 8 | Pn | 11 30 40.0 -0.2 |
| TRF | | | | Pn | 11 31 00.5 -0.5 |
| RSO | | Redoubt South | 1.66 216 | Pn | 11 30 40.0 -0.3 |
| RDWB | | Redoubt West | 1.66 217 | Pn | 11 30 39.8 -0.4 |
| RDWB | | | | Pn | 11 31 01.4 +0.3 |
| RDSO | | Redoubt South | 1.66 215 | Pn | 11 30 39.9 -0.4 |
| RDSO | | | | Pn | 11 31 01.3 +0.2 |
| RED | | Redoubt Volcan | 1.70 215 | Pn | 11 30 40.3 -0.4 |
| RED | | | | Pn | 11 31 02.2 +0.3 |
| KTH | | Kantishna Hill | 1.74 358 | Pn | 11 30 41.3 +0.1 |
| KTH | | | | Pn | 11 31 02.4 +0.4 |
| RND | | Reindeer | 1.83 29 | Pn | 11 30 42.1 -0.2 |
| SEW | | Seaward | 1.84 158 | Pn | 11 30 41.7 -0.8 |
| SEW | | | | Pn | 11 31 03.1 -1.9 |
| GLI | | Glacier Island | 2.02 116 | Pn | 11 30 43.5 -1.3 |
| GLI | | | | Pn | 11 31 08.3 -1.1 |
| DHY | | Denali Highway | 2.03 50 | Pn | 11 30 45.1 -0.1 |
| DHY | | | | Pn | 11 31 10.2 +0.4 |
| BRLK | | Bradley Lake | 2.06 181 | Pn | 11 30 44.6 -0.8 |
| BRSE | | Bradley Lake S | 2.09 179 | Pn | 11 30 44.5 -1.2 |
| MCK | | McKinley | 2.10 23 | P | 11 30 46.1 +0.1 |
| MCK | baz=205,SNR=41 | | | Pn | 11 30 40.3 +0.4 |
| MCK | | McKinley | 2.10 23 | Pn | 11 30 46.0 +0.1 |
| JPK | | Jack Peak | 2.16 109 | Pn | 11 30 45.8 -1.0 |
| ILS | | Ilamiasa Low So | 2.17 212 | Pn | 11 30 47.0 0.0 |
| CHUM | | Lake Minchuminc | 2.18 342 | Pn | 11 30 46.9 -0.1 |
| CHUM | | | | Pn | 11 31 02.1 -1.2 |
| M24K | | Tolsana, Glenn | 2.21 80 | P | 11 30 47.8 +0.5 |
| M24K | baz=264,SNR=31 | | | S | 11 31 14.7 +0.9 |
| M24K | | Tolsana, Glenn | 2.21 80 | Pn | 11 30 47.8 +0.5 |
| M24K | | | | Pn | 11 31 15.0 +1.2 |
| HOM | | Homer | 2.21 191 | P | 11 30 47.2 -0.1 |
| HOM | baz=10 | | | S | 11 31 16.2 +2.4 |
| HOM | | Homer | 2.21 191 | Pn | 11 30 47.5 +0.2 |
| HOM | | | | Pn | 11 31 14.3 +0.5 |
| VMT | | TAPS TI Valdez | 2.25 107 | Pn | 11 30 46.7 -1.2 |
| VMT | | | | Pn | 11 31 14.3 -0.5 |
| BPBW | | Bear Paw Mtn. | 2.29 358 | Pn | 11 30 45.9 -0.8 |
| BPBW | | | | Pn | 11 31 14.2 -1.7 |
| CNPM | | China Pool | 2.31 185 | Pn | 11 30 48.0 -0.8 |
| FID | | Port Fidalgo | 2.35 115 | Pn | 11 30 47.4 -1.8 |
| FID | | | | Pn | 11 31 16.9 -0.3 |
| KLU | | Klutina | 2.35 96 | Pn | 11 30 48.5 -0.8 |
| KLU | | | | Pn | 11 31 17.2 -1.3 |
| SVW2 | | Sparrevohn | 2.41 255 | Pn | 11 30 49.3 -0.7 |
| SVW2 | | | | Pn | 11 31 17.2 -1.3 |
| BWN | | Browne | 2.44 14 | Pn | 11 30 50.5 +0.1 |
| DIV | | Divide | 2.51 104 | Pn | 11 30 50.2 -1.2 |
| DIV | | | | Pn | 11 31 20.1 -1.1 |
| HIN | | Hinchinbrook I | 2.53 122 | Pn | 11 31 20.1 -1.2 |
| HIN | | | | Pn | 11 31 21.2 -0.4 |
| PS11 | | TAPS Pump St11 | 2.53 82 | Pn | 11 30 52.3 +0.6 |
| PS11 | | | | Pn | 11 31 22.0 +0.5 |
| TT01 | | Tatalina | 2.67 296 | Pn | 11 30 53.1 -0.4 |
| TTA | | Tatalina | 2.67 297 | Pn | 11 30 53.1 +0.5 |
| PS12 | | TAPS Pump St12 | 2.72 95 | Pn | 11 30 53.2 -1.1 |
| PAX | | Paxson | 2.74 63 | Pn | 11 30 54.9 +0.4 |
| PAX | | | | Pn | 11 31 27.6 +0.9 |
| EYAK | | Cordova Ski Ar | 2.76 115 | Pn | 11 30 53.4 -1.3 |
| EYAK | | | | Pn | 11 31 26.3 -0.7 |
| NEA2 | | Nenana | 2.89 15 | P | 11 30 55.8 -0.7 |
| NEA2 | baz=197,SNR=11 | | | Pn | 11 30 55.8 -0.7 |
| NEA2 | | Nenana | 2.89 15 | Pn | 11 30 56.8 -0.2 |
| WRH | | Wood River Hil | 2.93 24 | Pn | 11 30 57.0 -0.6 |
| N25K | | Chitina, Valde | 2.96 91 | P | 11 31 31.2 -0.9 |
| N25K | baz=277 | | | S | 11 31 31.2 -0.9 |
| N25K | | Chitina, Valde | 2.96 91 | Pn | 11 30 56.9 -0.6 |
| N25K | | | | Pn | 11 31 05.1 -1.1 |
| BMRM | | Bremner River | 3.10 103 | Pn | 11 30 58.4 -1.1 |
| HDA | | Harding Lake | 3.13 32 | P | 11 30 59.6 -0.2 |
| HDA | baz=216,SNR=40 | | | S | 11 31 35.6 -0.5 |
| HDA | baz=216 | Harding Lake | 3.13 32 | Pn | 11 30 59.7 -0.1 |
| CCB | | Clear Creek Bu | 3.15 24 | Pn | 11 30 59.5 -0.4 |
| GOAT | | Goat Mountain | 3.19 110 | Pn | 11 30 59.1 -1.6 |
| GOAT | | | | Pn | 11 31 35.9 -1.8 |
| MLY | | Manley | 3.22 0 | P | 11 31 00.8 -0.3 |
| MLY | baz=191,SNR=16 | | | S | 11 31 35.3 -3.1 |
| MLY | baz=181 | Manley | 3.22 0 | Pn | 11 31 00.8 -0.3 |
| MLY | | | | Pn | 11 31 05.0 -1.0 |
| PS08 | | TAPS Pump Stn8 | 3.27 32 | Pn | 11 31 01.4 -0.3 |
| RAGM | | Ragged Mountai | 3.30 113 | Pn | 11 31 00.6 -1.5 |
| TCOL | | CIGÖ, UAF Bank | 3.34 22 | P | 11 31 02.4 -0.2 |
| TCOL | baz=205,SNR=80 | | | Pn | 11 31 02.4 -0.2 |
| COLA | | College | 3.34 22 | Pn | 11 31 02.4 -0.2 |
| COLA | | | | Pn | 11 31 39.8 -1.3 |
| RIDG | | Independent Ri | 3.35 52 | Pn | 11 31 03.4 +0.7 |
| GLM | | Murphy Dome | 3.36 19 | Pn | 11 31 02.6 -0.2 |
| GLM | | Gilathina Butte | 3.36 93 | Pn | 11 31 02.6 -0.3 |
| GLB | | | | Pn | 11 31 01.0 -0.3 |
| I23K | | Minto, Yukon-K | 3.40 10 | P | 11 31 03.1 -0.3 |
| I23K | baz=192,SNR=26 | | | Pn | 11 31 03.0 -0.3 |
| IL31 | | Minto, Yukon-K | 3.40 10 | Pn | 11 31 03.0 -0.3 |
| IL31 | | | | Pn | 11 31 03.7 -0.3 |
| ILAR | | Eielson Array | 3.45 29 | P | 11 31 03.7 -0.4 |
| ILAR | 6.0nm,0.3s,ba=215,slow=14,SNR=335 | | | S | 11 31 42.2 -1.6 |
| MEINT | | Mentasta | 3.48 68 | Pn | 11 31 04.6 0.0 |
| MEINT | | Hamilton | 3.51 112 | Pn | 11 31 04.1 0.1 |
| DOT | | Dot Lake | 3.60 56 | Pn | 11 31 06.1 -0.1 |
| POKR | | Poker Plat Res | 3.64 23 | P | 11 31 06.6 -0.1 |
| POKR | baz=206,SNR=19 | | | Pn | 11 31 06.6 -0.1 |
| POKR | | Poker Plat Res | 3.64 23 | Pn | 11 31 06.6 -0.1 |
| L26K | | Log Cabin Wild | 3.67 67 | P | 11 31 07.4 +0.3 |
| L26K | baz=254,SNR=23 | | | Pn | 11 31 07.3 +0.2 |
| L26K | | Log Cabin Wild | 3.67 67 | Pn | 11 31 07.3 +0.2 |
| BERG | | Berg Lake | 3.74 99 | Pn | 11 31 06.3 -1.9 |
| BERG | | | | Pn | 11 31 47.9 -2.8 |
| MCARA | | McCarthy VSAT | 3.74 93 | Pn | 11 31 07.7 -0.3 |
| SCRK | | Sand Creek | 3.80 52 | P | 11 31 08.9 0.0 |
| SCRK | baz=238,SNR=18 | | | S | 11 31 49.8 -2.6 |

| | | | | | |
|---------|-------|-----------------------------------|-----------|----|-----------------|
| baz=238 | SCRK | Sand Creek | 3.80 52 | Pn | 11 31 08.7 -0.2 |
| | SCRK | | | Pn | 11 31 49.4 -3.0 |
| | CROQM | Cirque | 3.85 103 | Pn | 11 31 09.1 -0.5 |
| | SUCK | Suckling Hills | 3.85 114 | Pn | 11 31 08.5 -1.0 |
| | SUCK | | | Pn | 11 31 35.5 +1.3 |
| | KHIT | Khistrov Hills | 3.92 107 | Pn | 11 31 09.9 -0.6 |
| | TGL | Tana Glacier | 3.99 102 | Pn | 11 31 10.4 -1.2 |
| | PTPK | Patty Peak | 4.05 95 | Pn | 11 31 11.9 -0.4 |
| | KDAK | Kodiak Island | 4.15 193 | P | 11 31 11.8 -1.8 |
| | KDAK | 1.2nm,0.3s,ba=64,slow=9.1,SNR=9.5 | | S | 11 31 56.1 -4.7 |
| | KDAK | 2.2nm,0.3s,ba=116,slow=14,SNR=1.5 | | Pn | 11 31 12.0 -1.5 |
| | KIAG | Kiagna River | 4.15 199 | Pn | 11 31 13.7 -0.2 |
| | KABU | Kabai Buttes | 4.21 214 | Pn | 11 31 14.6 -0.7 |
| | ISLE | Juniper Island | 4.27 103 | Pn | 11 31 16.6 0.0 |
| | BC03 | Beaver Creek A | 4.37 69 | Pn | 11 31 15.9 -0.7 |
| | IM03 | Imard Glacier | 4.38 344 | Pn | 11 31 16.4 -0.2 |
| | GRNC | Granite Creek | 4.50 100 | Pn | 11 31 18.1 -0.5 |
| | K27K | Chicken | 4.56 57 | P | 11 31 18.9 -0.3 |
| | K27K | baz=245 | | Pn | 11 31 19.3 +0.1 |
| | MESA | MESA | 4.61 107 | Pn | 11 31 19.5 -0.1 |
| | CTGM | Chitina Glacie | 4.63 96 | Pn | 11 31 20.9 +0.6 |
| | YAH | Yahtse | 4.63 104 | Pn | 11 31 19.9 -0.4 |
| | BVCY | Beaver Creek | 4.71 78 | Pn | 11 31 21.8 +0.6 |
| | YUK2 | White River | 4.73 86 | Pn | 11 31 21.4 -0.1 |
| | OHAK | Old Harbor | 4.78 196 | Pn | 11 31 22.5 +0.3 |
| | TABL | Table Mountain | 4.88 102 | Pn | 11 31 23.3 -0.5 |
| | YUK3 | Moose Creek | 4.91 86 | Pn | 11 31 24.0 -0.1 |
| | PS05 | TAPS Pump Stn5 | 5.01 1 | Pn | 11 31 25.8 +0.5 |
| | EGAK | Eagle | 5.26 51 | Pn | 11 31 28.7 0.0 |
| | PCA | Pinnacle | 5.42 104 | P | 11 31 30.0 -1.0 |
| | COLD | Coldfoot | 5.44 2 | P | 11 31 31.3 +0.2 |
| | COLD | baz=183,SNR=24 | | S | 11 32 28.2 -3.9 |
| | COLD | baz=183 | | Pn | 11 31 31.2 +0.2 |
| | COLD | Coldfoot | 5.44 2 | Pn | 11 31 31.2 +0.2 |
| | BCPM | Barcaas Point | 5.75 104 | Pn | 11 31 32.4 -0.7 |
| | EM03 | Burnt Mountain | 6.22 23 | Pn | 11 31 41.4 -0.4 |
| | BMAR | Burnt Mountain | 6.23 23 | Pn | 11 31 41.5 -0.4 |
| | TOLK | Toolik Lake Re | 6.87 4 | P | 11 31 51.7 +1.1 |
| | TOLK | baz=185 | | S | 11 33 06.9 -0.3 |
| | TOLK | Toolik Lake Re | 6.87 4 | Pn | 11 31 52.0 +1.4 |
| | EPYK | Eagle Plains | 7.66 47 | P | 11 32 02.0 +0.6 |
| | INK | Inuvik | 9.74 41 | P | 11 32 29.1 -0.6 |
| | A21K | Barrow | 9.81 349 | P | 11 32 29.9 -0.8 |
| | A21K | baz=164,SNR=6.9 | | S | 11 34 13.0 -5.9 |
| | A21K | baz=164 | | Pn | 11 32 29.8 -0.8 |
| | YKA | Yellowknife Ar | 16.79 72 | Pn | 11 34 02.5 +0.2 |
| | RES | Resolute Bay | 23.19 34 | P | 11 35 13.5 +1.5 |
| | RES | 1.0nm,0.5s,ba=245,slow=16,SNR=2.5 | | P | 11 35 14.0 +2.0 |
| | FCC | Fort Churchill | 27.51 71 | P | 11 35 52.6 +1.6 |
| | SONM | Songino Array | 54.58 306 | P | 11 39 33.3 +0.8 |
| | SONM | 1.4nm,0.3s,ba=38,slow=7.6,SNR=5.1 | | P | |

BUJ 05 12:35:46.1+0.0,30:98N:142:04E,h4km,mB5.2/59,mb4.8/64,M5.3/66,M5.7/51/62
JMA 05 12:35:49.3+0.2,30:99N:142:10E,h20km,M5.0
IDC 05 12:35:49.4+0.5,30:98N:141:88E,h0km,mb4.6/27,mb1.4/32,mb1mx4.7/40,mbtmp4.6/32,ML4.3/4,M5.4/7/39,M5.1/4/7/39,ms1mx4.7/48,Error ellipse: s-maj=14.4km s-min=10.8km az=90.0
NIED 05 12:35:49.4,31:00N:142:10E,h20km,MW5.2,Moment Tensor Solution, s3 Moment tensor: Scale 10¹⁹N; Mm4.17; Mm0.97; Mm0.5; Mm4.37; Mm0.91; Mm2.14; Fault plane solution: Mo:0.04000*10¹⁶ NPT:0.46.00000*,0.69.00000*,1.19.000000*. NP2:0.168.00000*,0.85.00000*,1.39.00000*
NEIC 05 12:35:51.0+2.1,30:99N:0:06:141:89E,0:09,h10km,1km,mb5.0/206 Error ellipse: s-maj=12.9km s-min=9.0km az=73.0
MOS 05 12:35:52.8+1.0,30:98N:141:79E,h33km,mb5.1/82,MS4.8/24,Error ellipse: s-maj=7.2km s-min=4.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mitsune, Hachiojima 2, Warrungunga Arr, etc.

ISK 05 12:59:24.9, 38.611N, 26.14E, h13km, ML2.6/14
ATH 05 12:59:25.2, 38.599N, 26.03E, h39km, 4km, ML2.7/4, Error
THE 05 12:59:25.7, 38.579N, 26.12E, h10km, 5km, ML2.5/4, Error
DDA 05 12:59:25.4, 38.62N, 26.17E, h13km, 4km, ML2.3
ISC 05 12:59:25.2, 0.9, 38.625N, 0.02, 26.12E, 0.03, h16km, 8km, n41, 0.65/68, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like eme, Psara, Balcovia, Ayyalik, Balikesir, etc.

Table with columns: GCAM, Station Name, Az, Phase ID, Time, Res. Includes stations like Akhisar, Zeyirli, Apeiranthos, etc.

NEIC 05 13:01:17.0, 1.4, 14.0S, 0.2, 167.3E, 0.3, h156km, 18km, mb4.3/10, Error ellipse: s-maj=53.8km s-min=17.9km

IDC 05 13:01:17.5, 7.7, 14.1S, 135.167, 27E, h146km, 67km, mb3.9/4, mb1.4/0.5, mb1mx3.4/4.1, mbtpm4.3/5, Error ellipse: s-maj=59.3km s-min=38.5km az=3.0

ISC 05 13:01:18.5, 2.0, 14.2S, 0.1, 167.2E, 0.2, h150km, n18, 0.65/49, mb4.3/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Saraoutou, Mont Dzumac, Eidsvold, etc.

WEL 05 13:03:45.2, 42'S, 2'17.2E, h99km, 8km, M2.3/7, ML2.3/7, Error ellipse: s-maj=0.0km s-min=0.0km az=81.1, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Denniston, Tophouse, Lake Taylor, etc.

VAO 05 13:06:16.9, 0.7, 11.655S, 73.67W, h0km, mb3.3, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cruzeiro do Su, Extrema, Colider, etc.

IDC 05 13:20:22.3, 2.8, 37.44N, 72.16E, h113km, 25km, mb3.7/16, mb1.3/1.9, mb1mx3.7/5.9, mbtpm4.2/1.9, MS3.4/1, Ms1.3/4.1, ms1mx2.8/3.4, Error ellipse: s-maj=18.7km s-min=13.5km az=16.0

MOS 05 13:20:23.9, 0.7, 37.66N, 72.21E, h139km, mb4.1/5, Error ellipse: s-maj=10.2km s-min=4.2km az=79.9

NNC 05 13:20:24.6, 1.4, 37.77N, 71.92E, h146km, 19km, mb4.0, mb4.8, Error ellipse: s-maj=4.5km s-min=7.5km az=7.0

BUJ 05 13:20:25.0, 0.0, 37.77N, 72.22E, h142km, mb4.8/20, mb4.5/30

NEIC 05 13:20:25.1, 2.3, 37.65N, 0.03, 72.1E, 0.1, h138km, 8km, mb4.3/12, Error ellipse: s-maj=12.5km s-min=3.8km az=93.0

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

Table with columns: KBL, Station Name, Az, Phase ID, Time, Res. Includes stations like Kabul, Niore, Almayashu, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries like STKA Dalian, JMM SAIH, LKP Lekhapani, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries like ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries like MDOK Medeo, TNSN Tian-Shan, TNSN Tian-Shan, etc.

5d 15h

| | | | | | |
|------|-------------------------------------------|----------------|---------------|--------|-----------------|
| MAK | comp=Z,41nm,2.0s | MLR | MLR | | |
| RAYN | comp=Z,207nm,16.0s | Ar Rayn | 81.01 293 P | P | 15 51 15.1 +0.0 |
| RAYN | comp=Z,10.0nm,0.8s | | | Pmax | |
| RAYN | Ar Rayn | 81.01 293 P | P | | 15 51 15.1 +0.0 |
| KIRV | Kirov | 81.63 329 eP | P | | 15 51 17.8 +0.3 |
| BELG | Belogomorye | 81.69 323 i P | P | | 15 51 17.8 -0.2 |
| | | | | Pmax | |
| VNDA | Vanda | 81.71 173 P | P | | 15 51 18.5 +0.9 |
| VNDA | comp=Z,7.7nm,0.7s,baz=320,slow=5.9,SNR=46 | | | LR | 16 27 02.6 |
| VNDA | comp=Z,93nm,20.0s,baz=338,slow=35 | | | LR | 16 27 02.6 |
| VNDA | Vanda | 81.71 173 P | P | | 15 51 18.3 +0.7 |
| VNDA | | | | Pmax | |
| VNDA | comp=Z,16nm,0.8s | | | IAMB | 15 51 18.3 +0.7 |
| VNDA | Vanda | 81.71 173 P | P | | 15 51 25.7 |
| | | | | IAMB | |
| GROC | Groznyy | 81.91 313 eP | P | | 15 51 20.2 +0.8 |
| GROC | | | | ePP | 15 51 37.5 +0.5 |
| GROC | | | | e | 15 54 27.9 |
| 150C | | | | eS | 16 07 28.7 -0.3 |
| GROC | | | | Pmax | |
| MAW | comp=Z,29nm,0.7s | Mawson | 82.05 200 P | P | 15 51 20.7 +1.2 |
| MAW | comp=Z,9.7nm,0.7s,baz=69,slow=4.3,SNR=24 | | | LR | 16 24 24.5 |
| MAW | comp=Z,82nm,21.9s,baz=60,slow=33 | | | LR | 16 24 24.5 |
| MAW | Mawson | 82.05 200 P | P | | 15 51 20.8 +1.2 |
| MAW | | | | Pmax | |
| MAW | comp=Z,3.0nm,0.8s | | | P | 15 51 20.8 +1.2 |
| GNI | Garni | 82.05 200 i P | P | | 15 51 21.3 -1.3 |
| GNI | | | | Pmax | |
| TOLA | comp=Z,22nm,1.3s | Tatalina | 82.54 27 P | P | 15 51 24.1 +1.7 |
| TTA | comp=Z,20nm,0.8s | Tatalina | 82.54 27 P | P | 15 51 24.1 +1.7 |
| TTA | | | | IAMB | 15 51 24.6 |
| ZEI | Tsey | 83.27 313 eP | P | | 15 51 26.7 -0.1 |
| ZEI | | | | Pmax | |
| KDAX | comp=Z,29nm,1.0s | Kodiak Island | 83.47 32 P | P | 15 51 28.3 +1.2 |
| KDAX | comp=Z,19nm,0.9s,baz=282,slow=6.5,SNR=5.7 | | | LR | 16 25 07.7 |
| KDAX | comp=Z,144nm,20.1s,baz=257,slow=33 | | | LR | 16 25 07.7 |
| A21K | Barrow | 83.94 18 P | P | | 15 51 30.7 +1.5 |
| GOF | Gofitskoye | 84.02 315f eP | P | | 15 51 31.9 +1.6 |
| GOF | | | | Pmax | |
| KBZ | Khabaz | 84.06 314 eP | P | | 15 51 30.7 +0.2 |
| KBZ | comp=Z,13nm,1.1s,baz=104,slow=4.1,SNR=7.3 | | | P | 15 51 30.3 -0.1 |
| KBZ | Khabaz | 84.06 314 eP | P | | 15 51 30.3 -0.1 |
| KBZ | | | | Pmax | |
| KIV | comp=Z,10.0nm,1.0s | Homer | 84.16 30 P | P | 15 51 31.4 +0.7 |
| KIV | comp=Z,29nm,1.0s | Purkeypile | 84.27 27 P | P | 15 51 32.6 +1.3 |
| PPLA | comp=Z,31nm,1.5s | | | IAMB | 15 51 36.7 |
| PPLA | | | | IAMB | |
| SKT | Skwentna | 84.47 28 IAMB | IAMB | | 15 51 33.4 |
| PPT | Papeete | 84.75 108 LR | LR | | 16 25 07.0 |
| PPT2 | Papeete2 | 84.75 108 eS | S | | 16 02 03.1 +4.3 |
| PPT2 | Papeete2 | 84.75 108 eLR | LR | | 16 18 26.3 |
| MLY | Manley | 85.14 25 P | P | | 15 51 36.7 +1.2 |
| VRH | Novokhoporsky | 85.23 321 eP | P | | 15 51 36.2 0.0 |
| VRH | | | | Pmax | |
| RC01 | comp=Z,70nm,0.8s | Rabbit Creek A | 85.24 29 P | P | 15 51 35.9 -0.2 |
| TBI | Tubau | 85.25 113 eLR | LR | | 16 18 37.4 |
| COLD | comp=Z,337nm,28.8s | Coldfoot | 85.58 23 P | P | 15 51 38.8 +1.2 |
| COLD | comp=Z,15nm,1.0s | Coldfoot | 85.58 23 IAMB | IAMB | 15 51 40.8 |
| I23K | Minto, Yukon-K | 85.73 25 P | P | | 15 51 39.4 +1.0 |
| MCK | McKinley | 85.81 26 P | P | | 15 51 38.9 0.0 |
| NEA2 | Nenana | 85.81 25 P | P | | 15 51 39.0 +0.1 |
| TOLK | Toolik Lake Re | 85.94 21 P | P | | 15 51 40.7 +1.2 |
| TOLK | Toolik Lake Re | 85.94 21 IAMB | IAMB | | 15 51 42.6 |
| SOC | Sochi | 86.36 313 eP | P | | 15 51 40.1 -1.9 |
| SOC | | | | e | 15 54 58.8 |
| SOC | | | | ePPP | 15 56 57.9 |
| SOC | | | | eSSSac | 16 01 59.3 -4.5 |
| SOC | | | | eSSS | 16 07 48.1 -6.0 |
| SOC | | | | Pmax | 16 11 25.6 |
| SCM | comp=Z,27nm,0.8s | Sheep Creek Mo | 86.44 28 IAMB | IAMB | 15 51 44.5 |
| HDA | Harding Lake | 86.72 26 P | P | | 15 51 42.5 -0.8 |
| VORD | Divnogorie | 86.75 321 eP | P | | 15 51 43.9 +0.2 |
| VORD | | | | Pmax | |
| ILAR | Eielson Array | 86.76 25 P | P | | 15 51 42.5 -1.0 |
| VSR | Storozhevoye | 86.84 321 eP | P | | 15 51 43.4 -0.7 |
| VSR | | | | Pmax | |
| KLMR | Klimovskoe | 86.84 331 eP | P | | 15 51 40.8 -3.2 |
| KLMR | | | | Pmax | |
| KLMR | Klimovskoe | 86.84 331 eP | P | | 15 51 40.8 -3.2 |
| KLMR | | | | AMP | 15 51 51.3 |
| M24K | comp=Z,44nm,0.9s | Tolsuna, Glenn | 86.99 28 P | P | 15 51 45.6 +0.8 |
| LPSR | Galich'ya Gora | 87.00 322 eP | P | | 15 51 45.4 +0.5 |
| LPSR | | | | Pmax | |
| TMCR | Tamitsa | 87.59 334 eP | P | | 15 51 47.1 -0.4 |
| TMCR | | | | Pmax | |
| N25K | Chitina, Valde | 87.73 29 P | P | | 15 51 49.1 +0.7 |
| BMAR | Burnt Mountain | 87.76 23 P | P | | 15 51 49.0 +0.7 |
| MOS | Moscow | 87.78 326 eP | P | | 15 51 53.1 +4.5 |
| MOS | | | | e | 15 52 01.5 |
| ANN | comp=Z,61nm,0.7s | Anapa | 88.00 315 eP | P | 15 51 48.2 -1.7 |
| ANN | | | | ePP | 15 52 06.3 +1.1 |
| ANN | | | | e | 16 02 20.7 |
| ANN | comp=Z,48nm,0.7s | Sand Creek | 88.01 26 P | P | 15 51 50.0 +0.3 |
| L26K | Log Cabin Wild | 88.31 27 P | P | | 15 51 51.2 +0.2 |
| OBN | Obninsk | 88.39 329 i P | P | | 15 51 51.7 +0.2 |
| OBN | | | | Pmax | 15 52 04.9 |
| OBN | comp=Z,57nm,1.3s | | | MLR | MLR |
| K27K | Chicken | 88.85 26 P | P | | 15 51 54.1 +0.6 |
| K27K | Chicken | 88.85 26 IAMB | IAMB | | 15 51 56.2 |
| BCAR | Beaver Creek A | 89.02 27 P | P | | 15 51 54.3 -0.1 |
| DAWY | Dawson | 90.03 26 IAMB | IAMB | | 15 52 06.9 |
| SYO | Syowa Base | 90.73 201f eP | P | | 15 52 02.6 +0.5 |
| SYO | Syowa Base | 90.73 201f eX | P | | 15 52 11.8 +1.0 |
| EPYK | Eagle Plains | 90.92 24 P | P | | 15 52 02.2 -1.0 |

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| | | | | | |
|-------|--------------------------------------------|-----------------|---------------|------|-----------------|
| BRTR | comp=Z,4.8nm,0.9s,baz=120,slow=5.8,SNR=11 | Keekin Array B | 91.00 310 P | P | 15 52 04.6 +0.3 |
| BRTR | comp=Z,5.1nm,21.5s,baz=80,slow=39 | Inuvik | 91.86 21 P | P | 15 52 07.7 +0.4 |
| INK | comp=Z,3.8nm,0.8s,baz=303,slow=5.0,SNR=8.3 | Inuvik | 91.86 21 P | P | 15 52 07.7 +0.4 |
| INK | comp=Z,0.7nm,0.6s,baz=22,slow=6.9,SNR=4.0 | Inuvik | 91.86 21 IAMB | IAMB | 15 52 15.1 |
| QSPA | comp=Z,27nm,1.5s | South Pole Qui | 91.89 180 P | P | 15 52 08.7 +1.0 |
| QSPA | | | | IAMB | 15 52 17.7 |
| ARCES | comp=Z,10.0nm,0.8s,baz=96,slow=5.0,SNR=4.9 | ARCCESS Array B | 92.03 340 P | P | 15 52 07.5 -0.7 |
| ARCES | comp=Z,124nm,19.2s,baz=85,slow=39 | | | LR | 16 39 22.2 |
| AKASG | comp=Z,2.5nm,0.8s,baz=65,slow=4.4,SNR=9.6 | Main Array Be | 93.14 321 P | P | 15 52 12.7 -1.0 |
| AKASG | | | | LR | 16 37 59.2 |
| FINES | comp=Z,96nm,21.8s,baz=55,slow=39 | | | LR | 15 52 13.6 -0.5 |
| FINES | comp=Z,4.2nm,0.7s,baz=60,slow=5.5,SNR=8.6 | | | LR | 16 37 46.0 |
| TAOE | comp=Z,1.83nm,18.3s,baz=62,slow=38 | Nuku Hiva Isla | 93.56 99 eLR | LR | 16 22 30.3 |
| C36M | comp=Z,3.18nm,25.6s | Paulatuk | 94.92 20 P | P | 15 52 21.4 -0.1 |
| H02S1 | comp=Z,289 | DAWSON INLET T | 95.00 36 T | T | 17 37 42.9 |
| DLBC | comp=Z,2.6nm,0.7s,baz=312,slow=2.4,SNR=4.5 | Dease Lake | 95.34 31 P | P | 15 52 24.1 +0.4 |
| DLBC | comp=Z,239nm,19.8s,baz=318,slow=33 | | | LR | 16 30 58.7 |
| BURAR | comp=Z,3.4nm,0.7s,baz=60,slow=5.5,SNR=8.6 | Bucovina Array | 96.19 318 P | P | 15 52 26.6 -1.2 |
| KOLS | Kolonick sedl | 97.87 320 eP | P | | 15 52 38.1 +2.7 |
| TOLA | Kolonick sedl | 97.87 320 ePDF | PDF | | 15 52 38.1 +2.7 |
| UZH | Uzhgorod | 97.92 320 eP | P | | 15 52 40.0 +4.4 |
| UZH | | | | Pdf | 15 52 52.2 +0.2 |
| CRVS | Cervenica-Dubn | 98.40 320 eP | P | | 15 52 40.0 +2.2 |
| CRVS | Cervenica-Dubn | 98.40 320 ePDF | PDF | | 15 52 40.0 +2.2 |
| NB2 | NORSAR Subarray002 | 7333 P | P | | 15 52 43.9 -2.0 |
| NOA | comp=Z,1.6nm,0.8s,baz=71,slow=4.3 | NORSAR Array B | 100.27 333 P | P | 15 52 45.1 -0.7 |
| NOA | comp=Z,2.2nm,0.8s,baz=63,slow=5.9,SNR=2.3 | | | Pdf | 15 52 45.1 -0.7 |
| YKA | comp=Z,0.7nm,0.7s,baz=301,slow=4.4,SNR=6.1 | Yellowknife Ar | 101.17 24 P | P | 15 52 48.6 -1.1 |
| YKA | | | | PP | 15 57 01.3 +2.7 |
| YKA | comp=Z,0.7nm,0.9s,baz=288,slow=6.4,SNR=3.6 | | | PKP | 15 57 14.7 +0.4 |
| YKA | | | | PKIP | 15 57 15.7 -3.1 |
| GERES | comp=Z,0.5nm,0.5s,baz=317,slow=1.0,SNR=6.7 | GERESS Array B | 103.34 321 P | P | 15 53 01.1 +1.2 |
| GERES | comp=Z,0.8nm,0.9s,baz=98,slow=4.0,SNR=3.8 | | | Pdf | 15 57 50.4 -1.6 |
| SNAZ | comp=Z,1.0nm,0.8s,baz=289,slow=4.5,SNR=3.6 | Mina Array Bea | 108.28 48 PP | PP | 16 08 54.9 +0.2 |
| NVAR | comp=Z,2.0nm,0.6s,baz=116,slow=5.6,SNR=3.6 | Pinedale Array | 112.73 42 P | P | 15 57 36.9 +0.1 |
| PDAR | comp=Z,0.4nm,0.6s,baz=96,slow=5.2,SNR=4.4 | | | PKP | 16 08 25.3 -0.8 |
| PDAR | | | | PKPb | 16 08 25.3 -0.8 |
| ULM | comp=Z,2.3nm,0.6s,baz=96,slow=3.2,SNR=3.5 | Lac de Bonnet | 116.53 29 P | P | 15 57 42.4 -1.1 |
| F36A | Milaca | 120.52 32 PKP | PKP | | 15 57 51.8 +0.1 |
| TXAR | Lajitas Array | 122.80 53 P | P | | 15 57 57.1 +0.7 |
| TXAR | comp=Z,0.9nm,0.6s,baz=299,slow=1.9,SNR=1.1 | | | PKP | 16 07 51.4 +1.8 |
| TXAR | comp=Z,0.6nm,0.7s,baz=126,slow=6.4,SNR=4.4 | | | PKP | 15 57 57.8 +0.1 |
| TORD | comp=Z,2.0nm,0.7s,baz=54,slow=1.8,SNR=8.4 | Torodi Ar. Bea | 123.28 287 P | P | 16 07 47.5 0.0 |
| TORD | comp=Z,1.0nm,0.6s,baz=281,slow=3.7,SNR=7.0 | | | PKP | 15 58 05.1 +0.6 |
| CCM | Cathedral Cave | 127.05 37 PKIP | PKIP | | 15 58 05.1 +0.6 |
| CCM | Cathedral Cave | 127.05 37 PKIP | PKIP | | 15 58 11.6 -0.1 |
| DBIC | comp=Z,1.9nm,0.6s,baz=120,slow=5.4,SNR=4.4 | Dimbokro | 130.74 280 P | P | 15 58 33.8 +2.5 |
| PLCA | comp=Z,1.0nm,1.0s,baz=108,slow=9.0,SNR=5.7 | Paso Flores | 138.42 160 P | P | 15 58 16.3 |
| PLCA | comp=Z,2.0nm,0.8s,baz=216,slow=3.7,SNR=3.3 | | | PKP | 15 58 26.9 -0.7 |
| PLCA | comp=Z,3.1nm,0.7s,baz=266,slow=2.2,SNR=7.6 | | | PKP | 15 58 33.6 -1.3 |
| BO02 | Sierra Bellavi | 143.57 156 PKP | PKP | | 15 58 36.9 +0.1 |
| MT02 | Curacav | 144.73 154 PKP | PKP | | 15 58 38.6 +1.0 |
| UJ01 | El Rote | 145.02 154 PKP | PKP | | 15 58 39.5 +1.2 |
| VA03 | San Esteban | 145.41 154 PKP | PKP | | 15 58 41.7 +0.3 |
| CO02 | Combarbal | 146.52 152 PKP | PKP | | 15 58 42.9 +0.3 |
| ZON | Zonda | 147.25 156 PKP | PKP | | 15 58 45.0 -0.3 |
| ZON | Zonda | 147.25 156 PKP | PKP | | 15 58 45.0 -0.3 |
| LCO | Las Campanas | 148.48 150 PKP | PKP | | 15 58 46.8 -0.2 |
| AC05 | El Transito | 148.84 151 PKIP | PKIP | | 15 58 49.5 +0.2 |
| AC02 | Marijuana | 151.06 150 PKIP | PKIP | | 15 58 55.6 +1.1 |
| PB14 | IPOC Station P | 152.15 145 PKIP | PKIP | | 15 58 57.7 +1.2 |
| GO02 | Mina Guanaco | 152.18 147 PKIP | PKIP | | 15 58 57.8 +1.3 |
| CAPO | Capurina | 152.92 42 eP | P | | 15 58 54.1 +1.0 |
| LVC | Limon Verde | 154.57 145 PKP | PKP | | 15 59 02.9 +1.2 |
| LVC | comp=Z,1.9nm,0.5s,baz=236,slow=15,SNR=1. | | | | |

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WMGZ, MXZ, PUZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HAZ, PKGZ, PUZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JUNU, Nakatsue, JMM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JYNG, YJNG, IRIF, etc.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PRWZ, BFZ, MRZ, etc.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NNSB, NNSH, NNS, etc.

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

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

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

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

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

BGR 05 16:01:31.70:0.0,35:02N:134:94E,h33km,mb4.7

BUJ 05 16:01:54.6:0.0,35:53N:135:75E,h360km,mb4.9/42, mb4.6/57

MOS 05 16:01:55.7:1.0,35:49N:135:66E,h357km,mb4.6/37, Error ellipse: s-maj=6.4km s-min=4.1km az=103.2

JMA 05 16:01:56.7:0.1,35:50N:135:69E,h352km,1km,M4.8 JMA Felt J1

NEIC 05 16:01:56.8:1.5,35:51N:0:07:135:72E:0:09, h355km,6km,mb5.0/201, Error ellipse: s-maj=11.8km s-min=9.3km az=138.0

IDC 05 16:01:56.3:0.4,35:44N:135:65E,h352km,3km,mb4.2/33, mb1.4/440, mb1mx3.2/260, mbtmp5.0/40, Error ellipse: s-maj=7.0km s-min=5.8km az=90.0

NIED 05 16:01:56.8,35:50N:135:69E,h352km,MW5.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; M1:3.31; M2:3.56; M3:0.25; M4:1.93; M5:2.39; M6:1.86; Fault plane solution: M=4.97000x10^16 NP1:0.94,0.00000, 0.61,0.00000, -1.51,0.00000. NP2:0.215,0.00000, 0.48,0.00000, -1.138,0.00000.

GCMT 05 16:01:57.8:0.4,35:65N:0:05:135:47E:0:07, h364km,2km,MW5.3/51, Moment Tensor Solution. s1,c67; Duration: 1s1 Moment tensor: Scale 10^17Nm; M1:0.66; M2:0.52; M3:0.13; M4:0.17; M5:0.09; M6:0.51; M7:0.09; M8:0.25; M9:0.01. Best double couple: M=1.15800x10^17 NP1:0.81,0.00000, 0.39,0.00000, -1.34,0.00000. NP2:0.198,0.00000, 0.70,0.00000, -1.24,0.00000. Principal axes: T 0.9950, P1g18.0000, Azm313.0000; N 0.3260, P1g32.0000, Azm212.0000; P -1.3220, P1g53.0000, Azm68.0000; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

KEA 05 16:01:59.7:0.0,35:70N:135:80E,h341km,mb5.7/2 ISC 05 16:01:56.4:0.3,35:47N:0:03:135:73E:0:03, h350km,2km, h350km:pp-P, n681, 0.193/679, mb4.8/221,25C-22D,

Western Honshu

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

GLVR comp=E,219nm,0.4s pmax pmax

GLVR comp=Z,255nm,0.4s pmax pmax

GLVR comp=N,122nm,0.3s pmax pmax

SNY Shenyang 11.42 307 fP P 16 04 32.0 +0.6

SNY comp=N,400nm,9.6s LR LR 16 06 39.4 +0.8

SNY comp=N,340nm,6.8s LR LR 16 04 18.3 -0.1

SNY comp=N,340nm,12.8s LR LR 16 04 31.5 -0.4

GRPR Tuman 11.49 39 eS S 16 06 31.9 -8.2

GRPR comp=Z,1um,3.9s pmax pmax

GRPR comp=N,179nm,1.0s pmax pmax

GRPR comp=N,323nm,0.3s pmax pmax

GRPR comp=E,117nm,0.2s pmax pmax

YUK Yuzh-Kuril'sk 11.56 39 eP P 16 04 32.6 -0.2

YUK comp=Z,1um,1.1s pmax pmax

YUK comp=Z,332nm,0.2s pmax pmax

YUK comp=E,97nm,0.3s pmax pmax

YSS Yuzh-Sakhalins 12.62 23 fP P 16 04 45.8 +0.5

YSS comp=Z,130nm,0.7s pmax pmax

YSS comp=N,110nm,0.8s MLR MLR 16 04 45.0 +0.3

YSS comp=Z,300nm,14.0s MLR MLR 16 04 55.3 +0.5

YSS Yuzh-Sakhalins 12.62 23 eP P 16 07 20.6 +0.2

KUR KUR 13.43 40 dP P 16 04 55.3 +0.5

KUR comp=Z,165nm,1.0s pmax pmax

KUR comp=N,51nm,0.7s pmax pmax

KUR comp=E,41nm,0.9s pmax pmax

KUR comp=N,3um,2.9s smax smax

KUR comp=E,2um,2.6s smax smax

KLR Kul'dur 14.06 349 P P 16 04 58.7 -1.8

KLR comp=E,12nm,0.3s,ba2=167,slow=9.3,SNR=92 14.06 349 cP P 16 04 59.1 -1.4

KLR comp=Z,55nm,0.5s pmax pmax

UGL Uglegorsk 14.37 17 P P 16 05 05.4 -0.4

UGL comp=E,163nm,1.9s smax smax 16 07 46.4 +7.0

NJ2 Nanjing 14.45 261 eP P 16 05 05.4 +0.4

NJ2 comp=E,17nm,0.6s pmax pmax

TIA Tainan 15.11 278 P P 16 05 11.6 -0.6

TIA comp=E,17nm,0.6s pmax pmax

GRNR Gornyy 15.30 2 eP P 16 05 15.7 -0.8

GRNR comp=Z,240nm,18.0s MLR MLR 16 05 21.7 -1.3

BJJ Beijing 16.12 292 P P 16 05 21.7 -1.4

BJJ comp=Z,21nm,1.0s pmax pmax

BJT Baijiatuu 16.12 292 P P 16 05 21.7 -1.4

BJT comp=Z,19nm,0.6s pmax pmax

BJT Baijiatuu 16.12 292 P P 16 05 21.7 -1.4

BJT comp=Z,19nm,0.6s pmax pmax

TYV Tymooskoe 16.18 16 eS P 16 05 26.4 -0.3

TYV comp=Z,1um,3.4s pmax pmax

TYV comp=Z,35nm,1.4s pmax pmax

TYV comp=E,47nm,1.8s smax smax

TYV comp=E,2um,6.9s smax smax

HIA Hailar 18.10 324 P P 16 05 41.9 -2.4

HIA comp=Z,88nm,0.7s pmax pmax

HIA Hailar 18.10 324 P P 16 05 41.9 -2.4

HIA comp=Z,88nm,0.7s pmax pmax

WHN Wuhan 18.58 261 fP P 16 05 49.1 -0.4

WHN comp=Z,88nm,0.7s sP sP 16 07 18.7 -6.4

WHN comp=Z,36nm,0.5s pmax pmax

ZEA Zeya 19.21 345 eS P 16 05 53.1 -2.8

ZEA comp=E,40nm,0.5s pmax pmax

ZEA comp=N,60nm,0.8s pmax pmax

5d 16h

| | | | | | | | | |
|-------|-----------------|-----------|----|-----|-----|-----|-----|-----------------|
| SHPR | Sheep Range | 82.71 | 50 | I | Amb | I | amb | 16 13 44.4 |
| RJOB | Jochberg | 82.72 325 | eP | | | | | 16 13 41.4 -0.3 |
| TUQ | Turquoise Moun | 82.90 51 | P | | | | | 16 13 43.6 +0.7 |
| BBRC | Big Bear Solar | 82.98 | 53 | P | | | | 16 13 43.6 +0.1 |
| HEC | Hector Ludlow | 83.01 | 52 | P | | | | 16 13 44.1 +0.6 |
| MYKA | Terra Mystica | 83.12 324 | eP | | | | | 16 13 43.2 -0.5 |
| MURC | Murrieta | 83.21 | 53 | P | | | | 16 13 44.6 +0.2 |
| ULM | Lac du Bonnet | 83.25 | 30 | P | | | | 16 13 44.2 0.0 |
| MDND | Madoc | 83.44 34 | P | | | | | 16 13 45.8 +0.5 |
| SANT | Santorini | 83.52 310 | I | Amb | I | Amb | I | 16 13 45.5 |
| ABTA | Abtaltersbach | 83.57 325 | iP | | | | | 16 13 45.1 -1.0 |
| WATA | Walderalm | 83.58 325 | eP | | | | | 16 13 45.7 -0.4 |
| WTTA | Wattenberg | 83.60 325 | eP | | | | | 16 13 46.0 -0.3 |
| PFO | Pinyon Flats O | 83.69 | 53 | P | | | | 16 13 47.2 +0.2 |
| PFO | Pinyon Flats O | 83.69 | 53 | P | | | | 16 13 47.2 +0.2 |
| K22A | Casper | 83.70 | 41 | P | | | | 16 13 46.9 0.0 |
| 109C | Camp Elliot, M | 83.71 | 54 | P | | | | 16 13 47.2 +0.3 |
| BELC | Belle Mtn Jos | 83.74 | 53 | P | | | | 16 13 47.4 +0.2 |
| MOTA | Moomsal | 83.79 326 | eP | | | | | 16 13 46.7 -0.6 |
| SQTA | Sankt Quirin | 83.83 326 | eP | | | | | 16 13 47.1 -0.4 |
| RETA | Reutte | 83.84 326 | eP | | | | | 16 13 47.4 0.0 |
| RSSD | Black Hills | 83.98 | 39 | P | | | | 16 13 48.7 +0.4 |
| RSSD | Black Hills | 83.98 | 39 | P | | | | 16 13 49.2 +0.8 |
| RSSD | Black Hills | 83.98 | 39 | P | | | | 16 13 49.2 +0.8 |
| RSSD | Black Hills | 83.98 | 39 | P | | | | 16 13 49.2 +0.8 |
| BGES | Gesves | 84.06 331 | P | | | | | 16 13 46.9 -1.4 |
| NEE2 | Needles Airpor | 84.15 | 51 | P | | | | 16 13 49.5 +0.4 |
| MONP2 | Monument Peak | 84.16 | 54 | P | | | | 16 13 49.7 +0.2 |
| WLF | Walferdange | 84.19 330 | P | | | | | 16 13 49.0 0.0 |
| WLF | Walferdange | 84.19 330 | eP | | | | | 16 13 49.2 +0.2 |
| IRM | Iron Mountain | 84.20 | 52 | P | | | | 16 13 50.1 +0.8 |
| FETA | Feichten | 84.20 326 | eP | | | | | 16 13 49.0 -0.3 |
| BMRD | Maredsous | 84.25 331 | iP | | | | | 16 13 48.7 -0.5 |
| SNF | Black Forest | 84.28 328 | eP | | | | | 16 13 49.9 -0.5 |
| BC3 | Big Chuckawall | 84.31 | 53 | P | | | | 16 13 50.4 +0.3 |
| DAVA | Daruels | 84.39 326 | iP | | | | | 16 13 50.1 -0.2 |
| W13A | Hualapai Mount | 84.40 | 51 | I | Amb | I | Amb | 16 13 52.5 |
| OKP | White River Ci | 84.47 | 44 | P | | | | 16 13 51.1 +0.3 |
| I2KA | In-Ko-Pah, Jac | 84.52 | 54 | P | | | | 16 13 51.6 +0.6 |
| SWSC | Sam W. Stewart | 84.53 | 53 | P | | | | 16 13 51.2 +0.2 |
| U15A | North Rim | 84.54 | 49 | I | Amb | I | Amb | 16 13 54.8 |
| PDMC | Parker Dam, Lak | 84.75 | 51 | P | | | | 16 13 52.5 +0.4 |
| AGMN | Agassiz Nation | 84.75 | 32 | P | | | | 16 13 51.3 -0.5 |
| ESJX | Sierra Juarez | 85.03 | 54 | I | Amb | I | Amb | 16 13 55.7 |
| GLA | Glamis | 85.10 | 53 | P | | | | 16 13 54.5 +0.6 |
| N23A | Red Feather La | 85.23 | 42 | P | | | | 16 13 55.7 +1.0 |
| N23A | Red Feather La | 85.23 | 42 | I | Amb | I | Amb | 16 14 00.2 |
| PV04 | Paradox Valley | 85.27 | 45 | I | Amb | I | Amb | 16 14 02.9 |
| WUAZ | Wupatki | 85.69 | 49 | P | | | | 16 13 57.5 +0.6 |
| ISCO | Idaho Springs | 86.17 | 43 | P | | | | 16 13 60.0 +0.6 |
| SUSD | Miller | 86.26 | 36 | P | | | | 16 13 59.2 -0.1 |
| MVCO | Mesa Verde | 86.30 | 46 | P | | | | 16 14 00.6 +0.7 |
| EYMN | Ely | 86.35 | 30 | P | | | | 16 14 02.1 +0.1 |
| S22A | 4UR Ranch, Cre | 86.91 | 45 | P | | | | 16 14 04.0 +1.2 |
| S22A | 4UR Ranch, Cre | 86.91 | 45 | I | Amb | I | Amb | 16 14 05.4 |
| Q24A | Divide | 87.01 | 43 | P | | | | 16 14 04.1 +0.7 |
| 214A | Organ Pipe Nat | 87.11 | 52 | P | | | | 16 14 04.5 +0.9 |
| SDCO | Great Sand Dun | 87.66 | 44 | P | | | | 16 14 07.2 +0.8 |
| ECSD | EROS Data Cent | 87.91 | 35 | P | | | | 16 14 07.0 -0.1 |
| T25A | Trinidad | 88.71 | 44 | P | | | | 16 14 11.7 +0.5 |
| BGNE | Begrade | 88.93 | 37 | P | | | | 16 14 12.2 +0.2 |
| ANMO | Albuquerque | 89.05 | 47 | P | | | | 16 14 13.8 +1.0 |
| ANMO | Albuquerque | 89.05 | 47 | eP | | | | 16 14 14.4 +1.5 |
| ANMO | Albuquerque | 89.05 | 47 | P | | | | 16 14 11.8 -1.0 |
| ANMO | Albuquerque | 89.05 | 47 | P | | | | 16 14 18.1 +1.3 |
| CBKS | Cedar Bluff | 90.05 | 40 | P | | | | 16 14 17.3 +0.1 |
| MATO | Matagami | 90.13 | 21 | P | | | | 16 14 17.2 -0.1 |
| SCIA | State Center | 90.30 | 34 | P | | | | 16 14 21.7 +0.7 |
| CHGQ | Chibougamau | 90.90 | 19 | P | | | | 16 14 20.5 -0.4 |
| LSOQ | Lebel-sur-Quev | 90.95 | 21 | P | | | | 16 14 21.3 +0.2 |
| JFWS | Jewell Farm | 91.42 | 32 | P | | | | 16 14 23.7 +0.3 |
| KSUI | Kansas State U | 91.44 | 38 | P | | | | 16 14 23.9 +0.3 |
| AMTX | Amarillo | 91.86 | 44 | P | | | | 16 14 26.3 +0.6 |
| MSTX | Muleshoe | 91.90 | 45 | P | | | | 16 14 26.1 +0.1 |
| MSTX | Muleshoe | 91.90 | 45 | I | Amb | I | Amb | 16 14 27.3 |
| MNTX | Cornudas Mount | 91.95 | 48 | P | | | | 16 14 26.5 +0.4 |
| MNTX | Cornudas Mount | 91.95 | 48 | I | Amb | I | Amb | 16 14 28.0 |
| T35A | Sooner Cattle | 93.16 | 29 | I | Amb | I | Amb | 16 14 33.1 |
| D55A | Sainte-Anne-du | 93.23 | 21 | P | | | | 16 14 31.8 +0.1 |
| D56A | ZEC Mazanza, M | 93.41 | 20 | P | | | | 16 14 32.5 0.0 |
| WMOK | Wichita Mounta | 93.59 | 42 | P | | | | 16 14 33.9 +0.3 |
| HDIL | Hopedale | 93.75 | 33 | P | | | | 16 14 34.5 +0.4 |
| E56A | St. Veronique | 93.79 | 21 | P | | | | 16 14 34.3 +0.1 |

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| | | | | | | | | |
|-------|----------------|------------|-----|---|-----|---|-----|-----------------|
| D58A | Chemin du LacG | 93.88 | 19 | P | | | | 16 14 34.8 +0.2 |
| E57A | Chemin Saint G | 94.16 | 20 | P | | | | 16 14 36.2 +0.3 |
| R40A | Maddies Statio | 94.20 | 36 | I | Amb | I | Amb | 16 14 37.5 |
| TUL1 | Leonard | 94.30 | 40 | P | | | | 16 14 37.4 +0.6 |
| E58A | La Victoria | 94.42 | 20 | P | | | | 16 14 36.9 -0.3 |
| H53A | Bobcaygeon | 94.46 | 24 | P | | | | 16 14 37.7 +0.4 |
| D60A | Saint Jean D'O | 94.56 | 18 | P | | | | 16 14 37.6 -0.1 |
| X32A | Lajitas Array | 94.66 | 49 | I | Amb | I | Amb | 16 14 40.6 |
| TXAR | Lajitas Array | 94.68 | 49 | P | | | | 16 14 39.2 +0.5 |
| ABTX | Abilene, Hawle | 94.67 | 44 | P | | | | 16 14 39.4 +0.8 |
| SFIN | Lafayette | 94.85 | 31 | P | | | | 16 14 39.5 +0.3 |
| CCM | Cathedral Cave | 94.88 | 35 | P | | | | 16 14 40.0 +0.7 |
| MGMO | Mountain Grove | 95.10 | 37 | I | Amb | I | Amb | 16 14 41.2 |
| D63A | Stockholm | 95.12 | 16 | P | | | | 16 14 40.3 0.0 |
| E61A | Lac Etchemin | 95.12 | 18 | P | | | | 16 14 40.4 +0.1 |
| U40A | Yellville | 95.44 | 37 | P | | | | 16 14 41.8 -0.2 |
| H57A | Richville | 95.57 | 22 | P | | | | 16 14 42.3 -0.1 |
| E63A | Oxbow | 95.62 | 17 | P | | | | 16 14 42.6 0.0 |
| W39A | Magazine | 95.89 | 39 | P | | | | 16 14 44.0 0.0 |
| H58A | Gabriels | 95.97 | 21 | P | | | | 16 14 44.2 0.0 |
| JCT | Junction City | 96.16 | 46 | P | | | | 16 14 45.6 +0.2 |
| H60A | Morristown | 96.27 | 20 | P | | | | 16 14 46.0 +0.4 |
| MIAR | Mount Ida | 96.50 | 39 | P | | | | 16 14 47.5 +0.8 |
| H61A | Lyndonville | 96.50 | 20 | P | | | | 16 14 47.1 +0.5 |
| P49A | Miami Univ. Ec | 96.55 | 30 | P | | | | 16 14 47.2 +0.2 |
| G64A | Maxfield | 96.65 | 17 | P | | | | 16 14 47.8 +0.6 |
| ACSO | Alum Creek Sta | 96.66 | 29 | P | | | | 16 14 47.7 +0.3 |
| H62A | Milan | 96.67 | 19 | P | | | | 16 14 47.9 +0.5 |
| W41B | Gary Mavity, V | 96.68 | 38 | P | | | | 16 14 48.1 +0.5 |
| J59A | Piesco | 96.75 | 22 | P | | | | 16 14 48.1 +0.4 |
| L56A | Greenwood | 96.97 | 24 | P | | | | 16 14 48.5 -0.3 |
| WVT | Waverly | 98.03 | 34 | P | | | | 16 14 52.6 -1.0 |
| WVT | Waverly | 98.03 | 34 | P | | | | 16 15 06.7 |
| WVT | Waverly | 98.03 | 34 | P | | | | 16 15 06.7 |
| L61B | Northampton | 98.21 | 21 | P | | | | 16 14 53.6 -0.7 |
| X56A | White Oak | 102.38 | 30 | P | | | | 16 15 11.9 -1.1 |
| TORD | Torodi Ar. Bea | 114.97 309 | PKP | | | | | 16 19 55.1 -1.5 |
| BOSA | Boshof | 121.75 256 | PKP | | | | | 16 20 08.5 -1.0 |
| DBIC | Dimond | 124.03 310 | PKP | | | | | 16 20 13.1 -1.1 |
| TIC | Toumoudi | 124.16 311 | eP | | | | | 16 20 12.3 -2.1 |
| KIC | Kosan Boka | 124.20 310 | eP | | | | | 16 20 13.5 -1.0 |
| LIC | Lamto | 124.49 310 | eP | | | | | 16 20 14.4 -0.6 |
| QSPA | South Pole Qui | 125.22 180 | PKP | | | | | 16 20 14.2 -0.6 |
| SDV | Santo Domingo | 129.35 35 | eP | | | | | 16 20 26.7 +0.9 |
| ROSC | Ri Rosal | 130.97 41 | PKP | | | | | 16 20 27.2 -0.7 |
| CZSB | Cruzeiro do Su | 142.05 50 | eP | | | | | 16 20 50.0 -0.8 |
| MACA | Manacapurama | 144.43 29 | eP | | | | | 16 20 54.5 -1.2 |
| MIALB | Monte Alegre | 145.28 16 | eP | | | | | 16 20 55.6 +1.1 |
| ITTB | Itaituba | 147.28 22 | eP | | | | | 16 21 00.1 +0.5 |
| ETMB | Extrema | 147.57 43 | eP | | | | | 16 21 00.1 -0.2 |
| NBMO | Morinhos-CE | 147.76 352 | eP | | | | | 16 20 58.6 +1.0 |
| PMSA | Palmer Station | 148.34 164 | eP | | | | | 16 21 01.9 -0.2 |
| SRML | Samuel | 148.45 38 | eP | | | | | 16 21 01.4 -1.3 |
| PARAP | Parauapebas | 150.40 11 | eP | | | | | 16 21 05.4 -2.0 |
| LPAZ | La Paz | 151.39 54 | PKP | | | | | 16 21 10.4 +0.1 |
| LPAZ | La Paz | 151.39 54 | eP | | | | | 16 21 07.0 +3.0 |
| WILB | Vilhena | 153.36 37 | eP | | | | | 16 21 01.1 -3.9 |
| CLDB | Colider | 157.28 22 | eP | | | | | 16 21 09.3 +3.9 |
| LVC | Limon Verde | 158.01 66 | eP | | | | | 16 21 12.2 +3.5 |
| BDFB | Brasilia | 159.97 11 | PKP | | | | | 16 21 56.8 +0.7 |
| CPUP | Villa Florida | 165.57 64 | PKP | | | | | 16 21 19. |

| | | | | | | |
|------|-----------------------------------|-------|-----|-------|------|-----------------|
| NIZ | Nizh Angarsk | 6.76 | 47 | ePn | Pn | 18 06 01.7 +1.5 |
| NIZ | | | | ePg | Pg | 18 06 24.8 -5.7 |
| NIZ | | | | ePmax | Pmax | 18 06 32.1 |
| NIZ | comp=N,298nm,0.7s | | | e | | 18 07 21.2 |
| NIZ | | | | eSg | Sg | 18 07 53.0 -5.0 |
| NIZ | | | | eSmax | Smax | 18 07 58.1 |
| NIZ | comp=N,5µm,1.0s | | | e | | 18 06 01.7 +1.4 |
| NIZ | Nizh Angarsk | 6.76 | 47 | ePn | Pn | 18 06 25.0 |
| NIZ | | | | eS | Sn | 18 07 19.4 +2.4 |
| NIZ | | | | e | | 18 07 52.8 |
| NIZ | comp=Z,236nm,0.7s | | | e | Pmax | 18 07 52.8 |
| NIZ | | | | e | Smax | 18 07 52.8 |
| YLVR | Ulyunkhan | 7.11 | 57 | ePn | Pn | 18 06 06.3 +1.3 |
| YLVR | | | | e | | 18 06 11.1 |
| YLVR | | | | ePg | Pb | 18 06 29.2 +4.7 |
| YLVR | | | | ePmax | Pmax | 18 06 46.9 |
| YLVR | comp=N,163nm,1.0s | | | e | | 18 07 32.9 |
| YLVR | | | | eSg | Sg | 18 08 03.5 -5.6 |
| YLVR | | | | eSmax | Smax | 18 08 08.0 |
| YLVR | comp=N,19µm,2.0s | | | ePn | Pn | 18 06 11.1 +6.1 |
| YLVR | Ulyunkhan | 7.11 | 57 | ePn | Pn | 18 06 28.9 |
| YLVR | | | | e | | 18 08 02.3 |
| YLVR | | | | e | Pmax | 18 08 02.3 |
| YLVR | comp=Z,164nm,0.8s | | | e | | 18 07 52.3 |
| YLVR | | | | eSg | Sg | 18 08 18.5 -5.8 |
| YLVR | | | | eSmax | Smax | 18 08 29.0 |
| YLVR | comp=N,19µm,2.4s | | | ePn | Pn | 18 06 10.7 -0.8 |
| YLVR | Khapcheranga | 7.58 | 99 | ePn | Pn | 18 06 19.5 |
| YLVR | | | | ePg | Pb | 18 06 39.4 +6.8 |
| YLVR | | | | ePmax | Pmax | 18 06 41.1 |
| YLVR | comp=N,477nm,1.4s | | | e | | 18 07 52.3 |
| YLVR | | | | eSg | Sg | 18 08 18.5 -5.8 |
| YLVR | | | | eSmax | Smax | 18 08 29.0 |
| YLVR | comp=N,8µm,1.3s | | | ePn | Pn | 18 06 10.2 -1.3 |
| YLVR | Khapcheranga | 7.58 | 99 | ePn | Pn | 18 06 37.0 |
| YLVR | | | | e | | 18 08 18.5 |
| YLVR | | | | e | Pmax | 18 08 18.5 |
| YLVR | comp=Z,476nm,1.5s | | | e | | 18 06 13.6 +1.8 |
| YLVR | | | | e | Smax | 18 06 34.5 |
| YLVR | | | | e | Pmax | 18 06 49.3 |
| YLVR | comp=N,8µm,2.0s | | | ePn | Pn | 18 07 37.2 -0.7 |
| YLVR | Kumora | 7.61 | 50 | ePn | Pn | 18 07 46.1 |
| YLVR | | | | e | | 18 08 28.5 |
| YLVR | | | | e | Sg | 18 08 28.5 |
| YLVR | comp=N,19µm,1.1s | | | eSn | Sn | 18 08 33.4 |
| YLVR | | | | e | | 18 06 18.8 +1.8 |
| YLVR | | | | e | | 18 07 53.0 |
| YLVR | | | | eSg | Sg | 18 08 32.7 -4.4 |
| YLVR | | | | eSmax | Smax | 18 09 07.0 |
| YLVR | comp=E,30µm,1.6s | | | ePn | Pn | 18 06 28.2 +2.0 |
| YLVR | Ukait | 8.65 | 57 | ePn | Pn | 18 06 50.2 |
| YLVR | | | | e | | 18 06 57.9 -8.7 |
| YLVR | | | | e | Pg | 18 08 08.1 |
| YLVR | | | | e | | 18 08 32.8 |
| YLVR | | | | eSg | Sg | 18 09 07.5 |
| YLVR | | | | e | | 18 09 08.2 |
| YLVR | | | | e | Smax | 18 09 11.8 |
| YLVR | comp=E,5µm,2.7s | | | ePn | Pn | 18 06 28.2 +1.5 |
| YLVR | Jazzator, Aita | 8.69 | 264 | ePn | Pn | 18 06 34.0 +4.8 |
| YLVR | Severomuyusk | 8.88 | 53 | ePn | Pn | 18 06 46.3 |
| YLVR | | | | e | | 18 07 14.4 |
| YLVR | | | | e | | 18 08 13.0 |
| YLVR | | | | e | Sg | 18 08 35.0 |
| YLVR | | | | e | | 18 09 11.5 |
| YLVR | | | | e | Smax | 18 09 12.4 |
| YLVR | comp=E,11µm,1.4s | | | ePn | Pn | 18 06 45.8 +1.9 |
| YLVR | Bodaibo | 9.95 | 45 | ePn | Pn | 18 06 50.2 |
| YLVR | | | | e | | 18 08 37.2 |
| YLVR | | | | e | | 18 09 31.1 +5.6 |
| YLVR | | | | e | Smax | 18 09 48.9 |
| YLVR | comp=E,176nm,1.9s | | | e | | 18 07 03.0 +1.8 |
| YLVR | | | | e | | 18 08 59.8 |
| YLVR | | | | e | | 18 06 46.6 +2.0 |
| YLVR | | | | e | | 18 06 43.5 -1.2 |
| YLVR | | | | e | Lg | 18 09 21.7 |
| YLVR | | | | e | LR | 18 11 04.8 |
| YLVR | comp=E,384nm,21.4s,baz=98,slow=41 | | | e | Pn | 18 06 49.7 +5.0 |
| YLVR | Zalvo Beam | 10.01 | 291 | ePn | Pn | 18 06 49.7 +5.0 |
| YLVR | | | | e | Pmax | 18 07 05.0 +1.5 |
| YLVR | | | | e | | 18 07 29.8 |
| YLVR | | | | e | Sn | 18 08 43.2 -3.3 |
| YLVR | | | | e | Sg | 18 09 46.0 |
| YLVR | | | | e | Pn | 18 06 58.5 -1.4 |
| YLVR | | | | e | LR | 18 10 11.0 |
| YLVR | comp=Z,786nm,7.8s,baz=257 | | | ePn | Pn | 18 06 58.4 -1.4 |
| YLVR | Zaisan | 11.11 | 255 | ePn | Pn | 18 06 58.4 -1.4 |
| YLVR | | | | e | Pmax | 18 06 57.8 -1.0 |
| YLVR | | | | e | | 18 07 14.5 |
| YLVR | comp=Z,786nm,8.0s | | | ePn | Pn | 18 06 57.8 -1.0 |
| YLVR | Urumqi | 11.67 | 234 | ePn | Pn | 18 07 14.5 |
| YLVR | | | | e | Pmax | 18 07 14.5 |
| YLVR | | | | e | Pmax | 18 07 14.5 |
| YLVR | comp=Z,80nm,3.7s | | | e | LR | 18 10 18.4 |
| YLVR | | | | e | LR | 18 10 30.7 |
| YLVR | comp=N,1µm,20.5s | | | e | LR | 18 10 18.4 |
| YLVR | | | | e | LR | 18 10 30.7 |
| YLVR | comp=E,910nm,28.9s | | | e | LR | 18 10 18.4 |
| YLVR | | | | e | LR | 18 10 30.7 |
| YLVR | comp=Z,190nm,20.5s | | | ePn | Pn | 18 07 09.4 +1.9 |
| YLVR | Urumqi | 11.67 | 234 | ePn | Pn | 18 07 15.2 -2.3 |
| YLVR | | | | e | Pn | 18 07 00.0 -7.5 |
| YLVR | | | | e | Sn | 18 06 60.0 -7.5 |
| YLVR | | | | e | SnSn | 18 09 46.1 +6.7 |
| YLVR | | | | e | Pmax | 18 07 17.1 |
| YLVR | comp=Z,7.0nm,1.4s | | | e | | 18 08 01.4 |
| YLVR | | | | e | | 18 10 18.4 |
| YLVR | | | | e | | 18 10 32.5 |
| YLVR | | | | e | Smax | 18 10 40.2 |
| YLVR | comp=Z,3µm,2.1s | | | ePn | Pn | 18 07 13.8 +0.8 |
| YLVR | Gaotai | 12.07 | 184 | ePn | Pn | 18 07 16.8 |
| YLVR | | | | e | | 18 07 20.0 |
| YLVR | | | | e | Sn | 18 09 29.5 +1.9 |
| YLVR | | | | e | SnSn | 18 09 46.1 +6.7 |
| YLVR | | | | e | Pmax | 18 07 17.1 |
| YLVR | comp=Z,7.0nm,1.4s | | | e | | 18 08 01.4 |
| YLVR | | | | e | | 18 10 18.4 |
| YLVR | | | | e | | 18 10 30.7 |
| YLVR | | | | e | Smax | 18 10 40.2 |
| YLVR | comp=Z,2µm,9.8s | | | e | LR | 18 07 15.0 -1.0 |
| YLVR | | | | e | LR | 18 07 15.0 -1.0 |
| YLVR | | | | e | Pn | 18 07 22.8 +4.4 |
| YLVR | | | | e | Pn | 18 10 30.7 |
| YLVR | | | | e | | 18 10 49.8 |
| YLVR | | | | e | Pn | 18 07 26.3 +1.2 |
| YLVR | | | | e | Sn | 18 09 49.7 +0.4 |

| | | | | | | |
|------|-------------------------------------------|-------|-----|-------|------|-----------------|
| HHC | comp=Z,11nm,1.0s | | | ePmax | Pmax | 18 07 25.6 +0.3 |
| HHC | | | | ePmax | Pmax | 18 08 12.8 |
| HHC | comp=Z,150nm,5.3s | | | LR | LR | 18 11 00.5 |
| HHC | comp=Z,3µm,5.0s | | | LR | LR | 18 07 25.6 +0.3 |
| HHC | | | | LR | LR | 18 07 25.6 +0.3 |
| HHC | | | | LR | LR | 18 07 25.9 +0.2 |
| MK31 | comp=Z,2µm,8.4s | | | ePn | Pn | 18 07 25.6 +0.3 |
| MK31 | Makanchi Array | 12.98 | 256 | ePn | Pn | 18 07 25.6 +0.3 |
| MK31 | | | | eP | Pn | 18 07 25.6 +0.3 |
| MK31 | comp=Z,11nm,0.8s,baz=115,slow=7.9,SNR=52 | | | eP | Pn | 18 07 25.6 +0.3 |
| MK31 | | | | eP | Pn | 18 07 25.6 +0.3 |
| MK31 | comp=Z,14nm,0.8s,baz=67,slow=16,SNR=5.7 | | | eP | Pn | 18 07 25.9 +0.2 |
| MK31 | | | | eP | Pn | 18 07 25.9 +0.2 |
| MK31 | comp=Z,520nm,1.4s,baz=65,slow=29,SNR=7.0 | | | eP | Pn | 18 07 25.6 +0.3 |
| MK31 | Makanchi Array | 12.98 | 256 | ePn | Pn | 18 07 25.6 +0.3 |
| MK31 | | | | eP | Pn | 18 07 25.6 +0.3 |
| MK31 | Makanchi Array | 12.98 | 256 | ePn | Pn | 18 07 25.9 +0.2 |
| SEM | Semipalatinsk | 13.00 | 273 | eP | Pn | 18 07 25.9 +0.2 |
| SEM | | | | eP | Pn | 18 07 25.9 +0.2 |
| SEM | comp=Z,620nm,10.2s,baz=275 | | | eP | Pn | 18 07 25.9 +0.2 |
| SEM | Semipalatinsk | 13.00 | 273 | eP | Pn | 18 07 25.9 +0.2 |
| SEM | | | | ePmax | Pmax | 18 07 25.9 +0.2 |
| SEM | comp=Z,3.0nm,1.1s | | | ePmax | Pmax | 18 07 25.9 +0.2 |
| SEM | | | | ePmax | Pmax | 18 07 25.9 +0.2 |
| SEM | comp=Z,620nm,10.0s | | | ePn | Pn | 18 07 26.6 -1.2 |
| MAKZ | Makanchi | 13.16 | 257 | ePn | Pn | 18 07 26.6 -1.2 |
| MAKZ | | | | eP | Pn | 18 07 26.6 -1.2 |
| MAKZ | comp=Z,28nm,1.1s | | | eP | Pn | 18 07 26.6 -1.2 |
| MAKZ | | | | eP | Pn | 18 07 26.6 -1.2 |
| MAKZ | comp=Z,27nm,1.1s | | | eP | Pn | 18 07 26.6 -1.2 |
| MAKZ | | | | eP | Pn | 18 07 26.6 -1.2 |
| MAKZ | comp=Z,910nm,1.9s | | | eP | Pn | 18 07 26.3 -1.5 |
| MAKZ | Makanchi | 13.16 | 257 | ePn | Pn | 18 07 26.3 -1.5 |
| MAKZ | | | | ePn | Pn | 18 07 26.2 -1.5 |
| MAKZ | comp=Z,11nm,0.8s,baz=121,slow=3.3,SNR=4.4 | | | ePn | Pn | 18 07 39.1 0.0 |
| MAKZ | Yuktali | 13.28 | 59 | ePn | Pn | 18 07 39.1 0.0 |
| MAKZ | | | | eSg | S | 18 11 15.6 +5.4 |
| MAKZ | Kurchatov | 13.95 | 276 | ePn | Pn | 18 07 31.1 -7.4 |
| MAKZ | | | | ePn | Pn | 18 07 31.1 -7.4 |
| MAKZ | comp=Z,23nm,0.9s | | | ePn | Pn | 18 11 11.5 |
| MAKZ | | | | ePn | Pn | 18 11 11.5 |
| MAKZ | comp=Z,468nm,5.2s | | | ePn | Pn | 18 07 38.9 +0.4 |
| MAKZ | Kurchatov | 13.95 | 276 | ePn | Pn | 18 07 38.9 +0.4 |
| MAKZ | | | | ePn | Pn | 18 07 38.9 +0.4 |
| MAKZ | Kurchatov | 13.95 | 276 | ePn | Pn | 18 07 38.9 +0.4 |
| MAKZ | | | | ePn | Pn | 18 07 38.9 +0.4 |
| MAKZ | KURBB | 14.03 | 275 | ePn | Pn | 18 07 38.9 -0.6 |
| MAKZ | Kurchatov Arra | 14.03 | 275 | ePn | Pn | 18 07 38.9 -0.6 |
| MAKZ | | | | ePn | Pn | 18 07 38.9 -0.6 |
| MAKZ | comp=Z,0.1nm,0.3s,baz=85,slow=13,SNR=33 | | | ePn | Pn | 18 11 34.4 |
| MAKZ | | | | ePn | Pn | 18 11 34.4 |
| MAKZ | comp=Z,0.2nm,0.3s,baz=79,slow=34,SNR=5.2 | | | ePn | Pn | 18 08 02.5 -1.8 |
| MAKZ | Lanzhou | 15.52 | 171 | ePn | Pn | 18 08 02.5 -1.8 |
| MAKZ | | | | ePn | Pn | 18 08 05.8 -2.1 |
| MAKZ | | | | ePn | Pn | 18 08 07.8 -1.8 |
| MAKZ | | | | ePn | Pn | 18 10 50.9 -0.9 |
| MAKZ | | | | ePn | Pn | 18 11 11.2 +3.6 |
| MAKZ | comp=Z,28nm,1.1s | | | ePn | Pn | 18 07 37.2 -0.7 |
| MAKZ | | | | ePn | Pn | 18 07 46.1 |
| MAKZ | comp=Z,190nm,4.3s | | | ePn | Pn | 18 08 37.2 -0.7 |
| MAKZ | | | | ePn | Pn | 18 08 46.1 |
| MAKZ | comp=Z,4µm,10.8s | | | ePn | Pn | 18 08 37.2 -0.7 |
| MAKZ | | | | ePn | Pn | 18 08 28.5 |
| MAKZ | comp=Z,2µm,11.1s | | | ePn | Pn | 18 08 33.4 |
| MAKZ | Beijing | 15.63 | 131 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | comp=Z,21nm,1.7s | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | Baijiatou | 15.65 | 131 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | comp=Z,59nm,1.6s | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | Baijiatou | 15.65 | 131 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | ZEA | 16.20 | 72 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | comp=E,10.0nm,2.0s | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | ZEA | 16.20 | 72 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | comp=Z,10.0nm,1.2s | | | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | ZEA | 16.22 | 255 | ePn | Pn | 18 06 18.8 +1.8 |
| MAKZ | | | | | | |

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like Castel Tesino, Ithomi, Damuels, Cordova Ski Arr, Kayak Island, etc.

BYKL 05 18:25:09.0-0.5, 51.36N, 100.65E
IDC 05 18:25:09.0-0.8, 51.38N, 100.78E, h0km, mb3.7/8,
mb1 3.7/12, mb1mx3.5/48, mbtmp3.6/12, ML3.0/4, Error
ellipse: s-maj=19.6km s-min=9.0km az=5.0

MOS 05 18:25:10.1-1.9, 51.44N, 100.70E, h11km, mb4.0/1, Error
ellipse: s-maj=8.6km s-min=8.1km az=2.8

ISC 05 18:25:10.5-0.6, 51.41N, 100.04-100.71E, 0.03, h10km, n70,
c269/111, mb3.6/8, 5C-3D, Tuva-Buryatia-Mongolia
border region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like Alice Springs, Beckworth, Mina Array, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like Irkutsk, Listvyanka, Bolshoye Golou, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Phase, ID, Time, Res, and other parameters. Includes stations like Nizh Angarsk, Ulyunkhan, Khapcheranga, etc.

PLV 05 18:43:44.5-5.8, 23.80N, 100.97E, h14km, 49km, ML5.7
IDC 05 18:43:44.3-0.4, 23.35N, 100.54E, h0km, mb4.7/37,
mb1 4.8/39, mb1mx4.7/53, mbtmp4.7/38, ML5.1/1, MS5.3/37,
Ms1 5.3/37, ms1mx5.2/43, Error ellipse: s-maj=13.1km
s-min=9.2km az=64.0
BUJ 05 18:43:45.2-0.0, 23.32N, 100.49E, h10km, mb5.4/44,
mb5.0/55, ML6.0/10, Ms5.9/73, Ms7.5/71
NEIC 05 18:43:45.5, 23.31N, 100.48E, h12km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mrr-0.16;
Mss-1.17; Mss-1.33; Mss-0.24; Mss-2.0; Mss-0.48; Fault
plane solution: M2.50000x10^17 NP1.0e165.03000,
s86.61000, l-167.65000. NP2.0e74.29000, s77.67000,
l-3.47000. Principal axes: T 2.5532, Plg6.0000,
AzM299.0000; N -0.1097, Plg77.0000, AzM180.0000;
P -2.4436, Plg11.0000, AzM300.0000.
MOS 05 18:43:46.2-0.9, 23.28N, 100.50E, h24km, mb5.3/47,
MS5.4/61 Error ellipse: s-maj=6.2km s-min=3.5km
az=121.8
NEIC 05 18:43:46.3-1.8, 23.34N, 100.06-100.47E, 0.06, h11km, 1km,
mb5.4/190, Ms 20 5.5/341, Mw5.5/33, Mw5.6/3,
Mw5.6(GCMT), Error ellipse: s-maj=10.3km s-min=9.4km
az=169.0
GCMT 05 18:43:47.3-0.1, 23.28N, 100.100, 59E, 0.01, h12km,
Mw5.6/152, Moment Tensor Solution. s133.c243;
s152.c332. Duration: 196 Moment tensor: Scale 10^17Nm;
Mrr-0.08; Mss-1.27; Mss-0.3; Mss-1.35; Mss-0.3;
Mss-0.14; Mss-2.78; Mss-1.22; Mss-0.8. Best double
couple: M3.30700x10^17 NP1.0e79.0000, s72.0000,
l9.0000. NP2.0e346.0000, s81.0000, l162.0000.
Principal axes: T 3.5470, Plg19.0000, AzM301.0000; N
-0.4840, Plg70.0000, AzM141.0000; P -3.0670,

| | | | | | | | |
|---------|--------------------------------------------|-------------|---------|-----------------|--|--|--|
| KSM | comp=Z,184nm,1.4s | IAMs_20 | IAMs_20 | 18 59 48.9 | | | |
| KSM DL2 | comp=Z,12um,19.0s | P | P | 18 49 00.0 +1.7 | | | |
| DL2 | Kuching | 1P | S | 18 48 59.9 +0.8 | | | |
| DL2 | Dalian | 44 | S | 18 53 17.0 +2.8 | | | |
| DL2 | comp=Z,300nm,1.5s | pmax | pmax | | | | |
| DL2 | comp=Z,2um,4.1s | LR | LR | | | | |
| DL2 | comp=Z,20um,19.3s | LR | LR | | | | |
| DL2 | comp=Z,26um,18.0s | LR | LR | | | | |
| DL2 | comp=Z,15um,12.2s | LR | LR | | | | |
| SPMM | Sapulut | 24.08 | P | 18 49 05.0 +3.0 | | | |
| SDSI | Sungai Dareh | 24.10 | P | 18 49 07.5 +5.4 | | | |
| SISI | Saibi | 24.51 | P | 18 49 04.4 -1.5 | | | |
| PALK | comp=Z,889nmcomp=Z,51nm,0.8s | P | P | | | | |
| PALK | Pallekele | 24.80 | P | 18 49 08.2 -0.4 | | | |
| PALK | comp=Z,6.2nm,0.7s,baz=137,slow=8.8,SNR=2.8 | LR | LR | | | | |
| PALK | comp=Z,3um,19.4s,baz=158,slow=38 | LR | LR | 18 59 30.0 | | | |
| PALK | Pallekele | 24.80 | P | 18 49 09.3 +0.7 | | | |
| PALK | comp=Z,63nm,1.0s | IAMB | IAMB | 18 49 21.1 | | | |
| PALK | Pallekele | 24.80 | P | 18 49 05.1 -3.5 | | | |
| PALK | comp=Z,19nm,1.4s | S | S | 18 53 37.5 +6.5 | | | |
| SONMI | Songino Array | 24.94 | 9 | 18 49 09.1 -0.5 | | | |
| SONMI | comp=Z,16nm,0.7s,baz=188,slow=9.5,SNR=48 | LR | LR | 18 59 58.5 | | | |
| MYLDM | comp=Z,9um,21.1s,baz=189,slow=39 | LR | LR | | | | |
| ULN | Lahad Datu | 25.03 | P | 18 49 10.4 -0.2 | | | |
| ULN | Ulanbatar | 25.07 | 10 | 18 49 11.4 +0.5 | | | |
| ULN | comp=Z,160nm,1.7s | IAMB | IAMB | 18 49 11.1 +0.2 | | | |
| ULN | Ulanbatar | 25.07 | 10 | 18 49 16.4 | | | |
| ULN | comp=Z,212nm,1.6s | P | P | 18 49 11.4 +0.5 | | | |
| ULN | Ulanbatar | 25.07 | 10 | 18 53 37.5 +2.4 | | | |
| ULN | comp=Z,150nm,1.0s | S | S | 18 49 10.0 -3.2 | | | |
| POO | Poona | 25.31 | 264 | 18 49 12.5 -0.7 | | | |
| POO | comp=Z,150nm,1.0s | eP | P | 18 49 13.6 +0.5 | | | |
| POO | comp=Z,81nm,0.9s | IAMB | IAMB | 18 49 18.2 | | | |
| STKI | Sintang | 25.45 | 154 | 18 49 16.0 +1.6 | | | |
| PPBI | comp=Z,3umcomp=Z,20nm,1.2s | P | P | | | | |
| PPBI | Pangkal Pinang | 25.90 | 167 | 18 49 16.4 -2.0 | | | |
| NIL | comp=Z,1umcomp=Z,54nm,1.1s | P | P | | | | |
| NIL | Nilore | 25.99 | 299 | 18 49 19.0 -0.3 | | | |
| NIL | comp=Z,166nm,1.0s | pmax | pmax | | | | |
| NIL | Nilore | 25.99 | 299 | 18 49 19.0 -0.3 | | | |
| GOA | Goa | 26.28 | 258 | 18 49 22.7 +0.8 | | | |
| GOA | comp=Z,114nm,1.7s | eP | P | 18 49 22.8 +0.8 | | | |
| GOA | comp=Z,114nm,1.7s | IAMB | IAMB | 18 49 24.7 | | | |
| GOA | comp=Z,140nm,1.4s | IAMB | IAMB | 18 49 28.4 | | | |
| KSH | Kashi | 26.32 | 314 | 18 49 23.6 +1.3 | | | |
| KSH | comp=Z,42nm,1.1s | sP | sP | 18 49 32.2 +3.6 | | | |
| KSH | comp=Z,5um,10.3s | S | S | 18 53 57.0 +2.1 | | | |
| KSH | comp=Z,42nm,1.1s | pmax | pmax | | | | |
| KSH | comp=Z,5um,10.3s | LR | LR | | | | |
| KSH | comp=Z,8um,12.1s | LR | LR | | | | |
| KSH | comp=Z,6um,12.1s | LR | LR | | | | |
| SHLS | Shalkode | 26.35 | 324 | 18 49 21.4 -1.1 | | | |
| SHLS | comp=Z,50nm,1.2s,baz=324 | eP | P | 18 53 53.4 -2.0 | | | |
| SHLS | comp=Z,2um,11.1s,baz=324 | eS | S | 19 00 00.4 | | | |
| SHLS | Shalkode | 26.35 | 324 | 18 49 21.4 -1.1 | | | |
| SHLS | comp=Z,29nm,1.5s | eP | S | 18 53 53.3 -2.1 | | | |
| SHLS | comp=Z,50nm,1.2s | pmax | pmax | | | | |
| SHLS | comp=Z,2um,11.1s | MLR | MLR | | | | |
| PMBI | comp=Z,2um,11.0s | IAMs_20 | IAMs_20 | 18 59 07.6 | | | |
| PMBI | Palemang | 26.40 | 170 | | | | |
| PDGK | comp=Z,11um,21.0s | IAMs_20 | IAMs_20 | 18 59 07.6 | | | |
| PDGK | Podgornoye | 26.45 | 324 | 18 49 24.7 +1.2 | | | |
| INCN | comp=Z,126nm,1.5s | P | P | | | | |
| INCN | Inchon | 26.52 | 52 | 18 49 23.8 -0.1 | | | |
| INCN | comp=Z,147nm,1.7s | pmax | pmax | | | | |
| INCN | comp=Z,9um,19.0s | MLR | MLR | | | | |
| INCN | Inchon | 26.52 | 52 | 18 49 23.8 -0.1 | | | |
| INCN | comp=Z,9um,19.0s | IAMB | IAMB | 18 50 15.3 | | | |
| INCN | comp=Z,147nm,1.6s | IAMB | IAMB | 19 00 09.4 | | | |
| INCN | Inchon | 26.52 | 52 | 18 49 28.6 +1.8 | | | |
| UZB | comp=Z,9um,19.0s | Z,29nm,1.5s | P | 18 49 28.1 +0.9 | | | |
| UZB | Uzbulak | 26.59 | 323 | 18 49 25.2 +0.5 | | | |
| UZB | comp=Z,11um,21.0s | eP | P | 18 54 00.4 +1.3 | | | |
| UZB | comp=Z,9um,19.0s | eS | S | 18 49 25.2 +0.5 | | | |
| UZB | Uzbulak | 26.59 | 323 | 18 54 00.4 +1.3 | | | |
| TJN | Taejon | 26.62 | 550 | 18 49 25.7 +0.9 | | | |
| SNY | Shenyang | 26.70 | 41 | 18 49 25.3 -0.2 | | | |
| SNY | comp=Z,16nm,1.0s | S | S | 18 53 56.4 -4.2 | | | |
| SNY | comp=Z,16nm,1.0s | pmax | pmax | | | | |
| SNY | comp=Z,13um,14.6s | LR | LR | | | | |
| SNY | comp=Z,15um,15.0s | LR | LR | | | | |
| SNY | comp=Z,15um,17.4s | LR | LR | | | | |
| TPI | Tanjungpandan | 26.82 | 164 | 18 49 28.6 +1.8 | | | |
| SATY | comp=Z,408nmcomp=Z,29nm,1.5s | P | P | | | | |
| SATY | Saty | 26.87 | 322 | 18 49 28.1 +0.9 | | | |
| SATY | comp=Z,47nm,1.4s,baz=322 | eP | P | 18 49 28.1 +0.9 | | | |
| SATY | Saty | 26.87 | 322 | | | | |
| TRD | comp=Z,47nm,1.4s | pmax | pmax | | | | |
| TRD | Trivandrum | 26.91 | 241 | 18 49 27.6 -0.1 | | | |
| KPKS | Kokpek | 26.98 | 323 | 18 49 28.9 +0.6 | | | |
| KPKS | comp=Z,114nm,2.3s,baz=323 | eP | P | 18 49 28.8 +0.6 | | | |
| KPKS | Kokpek | 26.98 | 323 | | | | |
| KPKS | comp=Z,114nm,2.3s | pmax | pmax | | | | |
| KDJ | Kajisay | 27.00 | 320 | 18 49 29.2 +0.7 | | | |
| KDJ | comp=Z,69nm,1.0s | P | P | 18 49 29.2 +0.7 | | | |
| KDJ | Kajisay | 27.00 | 320 | 18 49 29.2 +0.7 | | | |
| KDJ | comp=Z,69nm,1.0s | IAMB | IAMB | 18 49 34.0 | | | |
| LHSI | Lahat | 27.12 | 173 | 18 49 28.3 -1.2 | | | |
| ZAK | comp=Z,50nm,1.1s | P | P | | | | |
| ZAK | Zakamensk | 27.12 | 4 | 18 49 30.1 +0.7 | | | |
| ZSN | comp=Z,40nm,1.2s | eP | P | | | | |
| ZSN | Zaisan | 27.15 | 336 | 18 49 30.9 +1.3 | | | |
| ZSN | comp=Z,40nm,1.2s | eP | P | 18 49 30.9 +1.3 | | | |
| ZSN | Zaisan | 27.15 | 336 | 18 49 31.1 -1.2 | | | |
| ZSN | comp=Z,2.3nm,1.0s,baz=251,slow=8.7,SNR=2.5 | P | P | 19 00 03.5 | | | |
| ZSN | Zaisan | 27.15 | 336 | | | | |
| ZSN | comp=Z,6um,18.4s,baz=237,slow=36 | LR | LR | 19 00 47.0 | | | |
| ZSN | Zsushima | 27.58 | 60 | 19 00 47.0 | | | |
| MNAI | Manna | 27.59 | 175 | 19 01 28.2 | | | |
| MNAI | comp=Z,11um,19.0s | IAMs_20 | IAMs_20 | 19 01 28.2 | | | |
| MNAI | Makanchi Array | 27.64 | 332 | 18 49 34.4 +0.4 | | | |
| MNAI | comp=Z,47nm,0.9s | iP | pmax | | | | |
| MNAI | Makanchi Array | 27.64 | 332 | 18 49 34.0 0.0 | | | |
| MNAI | comp=Z,49nm,1.1s | P | IAMB | 18 49 40.0 | | | |
| TNSS | Tian-Shan | 27.69 | 321 | 18 49 35.7 +0.7 | | | |
| TNSS | comp=Z,321 | eP | P | 18 49 35.6 +0.7 | | | |
| TNSS | Tian-Shan | 27.69 | 321 | 18 49 35.6 +0.7 | | | |
| TNSS | comp=Z,321 | eP | P | 18 49 35.6 +0.7 | | | |
| MDOK | Medeo | 27.71 | 321 | 18 54 19.8 +3.0 | | | |
| MDOK | comp=Z,4um,16.6s,baz=321 | eS | S | 18 54 19.8 +3.0 | | | |
| MDOK | comp=Z,4um,17.0s | MLR | MLR | | | | |
| JSU | Suzuyama | 27.77 | 66 | 18 49 36.1 +0.8 | | | |
| JSU | comp=Z,9um,20.0s | IAMs_20 | IAMs_20 | 19 01 12.1 | | | |
| MAKZ | Makanchi | 27.79 | 332 | 18 49 35.9 +0.6 | | | |
| MAKZ | comp=Z,23nm,1.0s | P | pmax | | | | |
| MAKZ | comp=Z,9um,22.0s | MLR | MLR | | | | |
| MAKZ | Makanchi | 27.79 | 332 | 18 49 35.9 +0.6 | | | |
| MAKZ | comp=Z,9um,22.0s | IAMs_20 | IAMs_20 | 19 00 47.8 | | | |
| AAA | Alma-Ata | 27.82 | 321 | 18 49 37.2 +1.5 | | | |
| AAA | comp=Z,23nm,1.2s,baz=321 | eP | P | 18 54 20.1 +1.8 | | | |
| AAA | comp=Z,23nm,1.2s | eS | S | 19 00 59.2 | | | |
| AAA | comp=Z,3um,14.2s,baz=321 | LR | LR | 18 49 37.1 +1.5 | | | |
| AAA | Alma-Ata | 27.82 | 321 | 18 54 21.0 +2.7 | | | |
| AAA | comp=Z,23nm,1.2s | eS | pmax | | | | |
| AAA | comp=Z,23nm,1.2s | MLR | MLR | | | | |
| AAA | comp=Z,3um,14.0s | MLR | MLR | | | | |
| MDSI | Maura Dua | 27.85 | 172 | 18 49 35.3 -0.7 | | | |
| MTKI | Muara Teweih, K | 27.88 | 148 | 18 49 38.8 +2.5 | | | |
| MTBS | Maitube | 28.05 | 321 | 18 49 38.8 +1.0 | | | |
| MTBS | comp=Z,30 | eP | P | 18 49 38.7 +1.0 | | | |
| MTBS | Maitube | 28.05 | 321 | 18 49 38.7 +1.0 | | | |
| PBKI | Pangkalan Bun | 28.05 | 156 | 18 49 31.3 -6.5 | | | |
| KLSI | comp=Z,296nmcomp=Z,16nm,0.9s | P | P | 18 49 38.1 -0.4 | | | |
| TDK | Taldyqorghan | 28.16 | 326 | 18 49 40.0 +1.4 | | | |
| TDK | comp=Z,23nm,1.2s,baz=326 | eP | P | 18 49 40.0 +1.4 | | | |
| TDK | Taldyqorghan | 28.16 | 326 | 18 49 40.0 +1.4 | | | |
| TDK | comp=Z,23nm,1.2s,baz=326 | iP | P | 18 49 41.5 +1.7 | | | |
| DGZ | Dgz | 28.12 | 171 | 18 49 44.2 +4.1 | | | |
| MOY | Mondy | 28.33 | 1 | 18 49 44.2 +4.1 | | | |
| MOY | comp=Z,15nm,0.9s | eP | pmax | | | | |
| LWLI | Lwla | 28.36 | 172 | 18 49 41.5 +0.8 | | | |
| LWLI | comp=Z,2umcomp=Z,35nm,0.8s | P | P | 19 02 11.6 | | | |
| JNU | Nakatsue | 28.43 | 63 | 19 02 11.6 | | | |
| JNU | comp=Z,9um,18.0s,baz=256,slow=39 | LR | LR | 19 02 10.9 | | | |
| TLY | Talaya | 28.44 | 4 | 18 49 45.0 +3.9 | | | |
| TLY | comp=Z,11um,21.8s,baz=174,slow=36 | eP | P | 18 54 29.8 +1.9 | | | |
| TLY | Talaya | 28.44 | 4 | 18 49 45.0 +3.9 | | | |
| TLY | comp=Z,131nm,2.0s | eS | pmax | | | | |
| TLY | comp=Z,13um,10.0s | MLR | MLR | | | | |
| TLY | Talaya | 28.44 | 4 | 18 49 40.3 -0.8 | | | |
| TLY | comp=Z,89nm,1.8s | IAMB | IAMB | 18 49 48.3 | | | |
| TLY | Talaya | 28.44 | 4 | 18 49 45.7 +4.7 | | | |
| KUU | Kuryt | 28.57 | 322 | 18 49 42.6 +0.3 | | | |
| KUU | comp=Z,102nm,1.7s,baz=322 | eP | P | 19 01 08.1 | | | |
| KUU | comp=Z,1um,12.0s,baz=322 | LR | LR | 18 49 42.6 +0.3 | | | |
| KUU | Kuryt | 28.57 | 322 | | | | |
| KUU | comp=Z,102nm,1.7s | pmax | pmax | | | | |
| KUU | comp=Z,1um,12.0s | MLR | MLR | | | | |
| KBK | Karagaybulak | 28.66 | 318 | 18 49 44.7 +1.4 | | | |
| KBK | comp=Z,1um,12.0s | P | P | 18 49 48.3 +4.4 | | | |
| UCH | Uchter | 28.69 | 317 | 18 49 46.5 +0.9 | | | |
| UCH | comp=Z,1um,12.0s | P | P | 19 02 54.8 | | | |
| AAK | Ala-Archa | 28.92 | 318 | 18 49 46.5 +0.9 | | | |
| AAK | comp=Z,12nm,0.9s,baz=145,slow=6.8,SNR=18 | LR | LR | 19 02 54.8 | | | |
| AAK | Ala-Archa | 28.92 | 318 | 18 49 46.9 +1.2 | | | |
| AAK | comp=Z,6um,18.2s,baz=125,slow=40 | P | P | 18 49 47.1 +1.5 | | | |
| AAK | Ala-Archa | 28.92 | 318 | | | | |
| AAK | comp=Z,12nm,0.9s | eP | pmax | | | | |
| AAK | Ala-Archa | 28.92 | 318 | | | | |
| AAK | comp=Z,12nm,0.9s | eP | pmax | | | | |
| | | | | | | | |

5d 18h

Table with columns for station name, frequency, power, and signal quality. Includes stations like ZEA Zeya, JYT Yasato, NLAJ Namlea, etc.

2014 DEC

Table with columns for station name, frequency, power, and signal quality. Includes stations like YAK Yakutsk, KUR Kuril'sk, SVE Sverlovsk, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like WB7 Warramunga Arr, WB5 Warramunga Arr, WC1 Warramunga Arr, etc.

5d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BALIKESIR_Sava, Limnos Island, Zeytinokoy-Aydi, etc.

ANF 05 19:58:12.1±0.1, 33.87N±117.72W, h8km±1km, ML3.0/3.0, Error ellipse: s-maj=1.2km s-min=1.0km az=45.0

SCEDC 05 19:58:12.9, 33.87N±117.73W, h1km, ML3.0, ML2.9, ML3.0, ML3.0

PAS 05 19:58:13.1±0.2, 33.87N±102.11774W, 0.01, h4km±6km, ML2.9/2.12, Error ellipse: s-maj=3.1km s-min=1.3km az=175.0

NEIC 05 19:58:13.2±1.6, 33.87N±103.11771W, 0.01, h10km±5km, Error ellipse: s-maj=3.7km s-min=1.3km az=172.0

ISC 05 19:58:13.1±0.8, 33.86N±117.72W, 0.01, h15km±4km, n128, ±19°07'17.5, Southern California

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

2014 DEC

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDW2, EDW2, EDW2, etc.

IDC 05 20:01:52.8±6.2, 21.28N±143.07E, h0km, mb3.6/e, mb1 3.8/e, mb1mx3.4/4.4, mbtmp3.6/e, M53.6/1, Ms1 3.6/1, ms1mx2.7/4.5, Error ellipse: s-maj=145.0km s-min=40.6km az=11.0, Mariana Islands region

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

mb4.2/3, MLv4.0/10, NEIC 05 20:04:34.9±1.8, 2.04N±0.08±126.76E±0.07, h53km±7km, mb4.4/24, Error ellipse: s-maj=12.5km s-min=9.2km az=215.0

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

BUI 05 20:13:01.9±0.0, 23.33N±100.49E, h16km, ML3.4/6, ISC 05 20:13:06.8±1.6, 22.9N±101.1006E±0.2, h10km, n17, ±08°18', 1C, Myanmar-China border region

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

WEL 05 20:18:24.9±0.7, 34.5±8.17°9W±1.7, h119km±31km, M4.2/24, mb4.7/10, ML4.7/e, MLv4.5/24, Mw(mB)3.9/10, Error ellipse: s-maj=0.0km s-min=0.0km az=112.9

NEIC 05 20:18:25.2±2.9, 34.2±2S±0.1±179.2W±0.2, h57km±13km, mb4.7/e, Error ellipse: s-maj=22.7km s-min=19.5km az=108.0

IDC 05 20:18:28.8±8.0, 34.0±4S±179.17W, h59km±75km, mb3.6/4, mb1 3.9/e, mb1mx3.4/4.4, mbtmp3.9/e, ML3.9/1, Error ellipse: s-maj=56.3km s-min=34.7km az=6.0

ISC 05 20:18:23.8±1.1, 34.03S±106.179JW±0.1, h50km, n64, ±08°52', mb4.2/e, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res, h, m, s, ISC. Includes stations like Green Lake, Carnagh Statio, Whale Island, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res, h, m, s, ISC. Includes stations like Chulitna, Susitna One, Paxon, etc.

5d 21h

| | | | | | | | |
|------|-------------------------------------------|-----------|-----|-----|------------|------|--|
| LPSR | comp=E,860nm,11.3s | | MLR | MLR | | | |
| NEHR | comp=Z,1um,12.0s | 30.66 107 | P | P | 21 11 13.7 | +0.2 | |
| BISR | Neholu | 30.74 107 | P | P | 21 11 15.5 | +1.3 | |
| MATE | Bisoca | 30.98 124 | P | P | 21 11 16.7 | +0.3 | |
| KIRV | Matera | 31.00 69c | P | P | 21 11 14.2 | -2.1 | |
| FRNY | Kirov | 31.02 107 | P | P | 21 11 17.2 | +0.5 | |
| COPA | Istrita | 31.28 110 | P | P | 21 11 19.0 | +0.1 | |
| VORR | Copaceanca | 31.40 87 | P | P | 21 11 17.0 | -2.9 | |
| VORR | Voronezh | | | | | | |
| CFR | comp=Z,300nm,1.8s | 31.63 106 | P | P | 21 11 20.9 | -1.1 | |
| VSR | Carcaliu | 31.71 87 | P | S | 21 11 20.8 | -1.9 | |
| VSR | Storozhevoye | | | | 21 16 32.0 | +0.1 | |
| VSR | comp=Z,30nm,1.2s | | | | | | |
| VSR | comp=N,1um,12.8s | | | | | | |
| VSR | comp=Z,21nm,15.0s | | | | | | |
| VTS | Vitosh | 31.75 114 | P | P | 21 11 23.0 | -0.3 | |
| AVE | Averroes | 31.88 164 | P | P | 21 11 24.2 | -0.1 | |
| AVE | Divnogorie | 31.95 88 | P | S | 21 16 42.1 | +7.3 | |
| VORD | Vord | | | | 21 11 23.0 | -1.8 | |
| IFR | comp=Z,20nm,1.2s | 31.96 160 | P | P | 21 11 27.1 | +1.9 | |
| IFR | Ifrane | | | | 21 16 39.5 | +3.0 | |
| TPGR | Topolog | 32.01 106 | P | P | 21 11 25.0 | -0.4 | |
| PGB | Panagyurishte | 32.18 113 | P | P | 21 11 25.0 | -2.0 | |
| CORL | Corleone | 32.28 131 | P | P | 21 11 29.5 | +1.6 | |
| SZH | Strazhnica | 32.29 110 | P | P | 21 11 25.0 | -2.9 | |
| KKB | Krupnik | 32.33 115 | P | P | 21 11 27.0 | -1.2 | |
| CLTB | Clufabellotta | 32.54 131 | P | P | 21 11 30.8 | +0.6 | |
| PQI | Presque Isle | 32.55 261 | P | P | 21 11 30.1 | 0.0 | |
| PQI | comp=Z,30nm,1.4s | | | | 21 11 36.0 | | |
| E64A | Bridgewater | 32.67 261 | P | P | 21 11 31.1 | -0.1 | |
| D62A | Allapoint, All | 32.67 263 | P | P | 21 11 32.0 | +0.8 | |
| CHGO | Chibougamau | 32.82 271 | P | P | 21 11 32.3 | -0.2 | |
| VRH | Novokhoporysk | 32.82 85 | P | S | 21 11 31.0 | -1.4 | |
| VRH | VRH | | | | 21 16 54.8 | +5.6 | |
| VRH | comp=Z,90nm,1.8s | | | | | | |
| VRH | comp=N,1um,10.6s | | | | | | |
| VRH | comp=Z,1um,16.0s | | | | | | |
| E63A | Oxbow | 32.92 261 | P | P | 21 11 34.2 | +0.8 | |
| KEST | Kesra | 33.05 138 | P | P | 21 11 34.2 | -0.5 | |
| KEST | comp=Z,11nm,1.1s,baz=550,slow=5.6,SNR=5.3 | | | | 21 25 21.8 | | |
| KEST | comp=Z,3um,18.0s,baz=308,slow=37 | | | | 21 11 35.2 | +0.6 | |
| KEST | Kesra | 33.05 138 | P | I | 21 11 47.3 | | |
| D61A | St Aubert, Com | 33.07 264 | P | P | 21 11 36.2 | +1.6 | |
| RZN | Rozhen | 33.12 113 | P | P | 21 11 33.0 | -2.4 | |
| E62A | Clayton Lake | 33.24 263 | P | P | 21 11 37.4 | +1.3 | |
| F64A | Sherman | 33.33 261 | P | P | 21 11 38.2 | +1.2 | |
| G65A | Princeton | 33.53 259 | P | P | 21 11 39.8 | +1.2 | |
| D60A | Saint Jean D'O | 33.61 264 | P | P | 21 11 40.7 | +1.4 | |
| F63A | Nahmakanta, Br | 33.78 261 | P | P | 21 11 42.3 | +1.4 | |
| F63A | Nahmakanta, Br | 33.78 261 | P | P | 21 11 42.6 | +1.7 | |
| E61A | Lac Etchemin | 33.80 264 | P | P | 21 11 41.9 | +0.8 | |
| D59A | Saint-Raymond | 33.93 265 | P | P | 21 11 42.8 | +0.7 | |
| G64A | Maxfield | 33.99 261 | P | P | 21 11 43.4 | +0.7 | |
| LATQ | La Tuque | 34.05 267 | P | P | 21 11 43.9 | +0.7 | |
| LATQ | La Tuque | 34.05 267 | P | P | 21 11 43.5 | +0.4 | |
| PKME | Peaks-Kenny Pk | 34.21 261 | P | P | 21 11 45.8 | +1.2 | |
| PKME | Peaks-Kenny Pk | 34.21 261 | P | P | 21 11 46.1 | +1.5 | |
| E60A | Ste Agathe de | 34.26 264 | P | P | 21 11 46.4 | +1.4 | |
| D58A | Chemin du LacG | 34.31 267 | P | P | 21 11 46.2 | +0.7 | |
| ALN | Alexandroupoli | 34.32 112 | P | P | 21 11 45.5 | -0.1 | |
| ALN | Alexandroupoli | 34.32 112 | P | P | 21 11 45.5 | -0.1 | |
| ALN | Alexandroupoli | 34.32 112 | P | I | 21 11 48.3 | | |
| MATO | comp=Z,64nm,1.5s | 34.34 274 | P | P | 21 11 46.1 | +0.4 | |
| F61A | St Evariste | 34.38 264 | P | P | 21 11 47.5 | +1.5 | |
| G63A | Kingsbury | 34.47 261 | P | P | 21 11 47.4 | +0.5 | |
| BELG | Belogornoye | 34.48 79 | P | P | 21 11 45.6 | -1.3 | |
| AGG | comp=Z,21nm,1.4s | 34.49 118 | P | P | 21 11 45.7 | -1.4 | |
| AGG | Agios Georgios | | | | | | |
| AGG | comp=Z,61nm,1.1s | 34.49 118 | P | P | 21 11 45.7 | -1.4 | |
| AGG | Agios Georgios | 34.49 118 | P | P | 21 11 48.2 | +0.4 | |
| LSQQ | Lebel-sur-Quev | 34.58 273 | P | P | 21 11 49.1 | +0.5 | |
| H64A | Troy | 34.68 260 | P | P | 21 11 49.9 | -0.9 | |
| FCC | Fort Churchill | 34.75 297 | P | P | 21 11 48.9 | -0.2 | |
| FCC | Fort Churchill | 34.75 297 | P | P | 21 11 48.9 | -0.2 | |
| FCC | Fort Churchill | 34.75 297 | P | I | 21 11 54.1 | | |
| G62A | West of Eustis | 34.78 262 | P | P | 21 11 50.2 | +0.6 | |
| G62A | West of Eustis | 34.78 262 | P | P | 21 11 48.9 | -0.6 | |
| F60A | Warwick | 34.79 264 | P | P | 21 11 50.9 | +1.3 | |
| WVL | Waterville | 34.93 261 | P | P | 21 11 49.9 | -0.9 | |
| E58A | La Victoria | 35.05 266 | P | P | 21 11 52.8 | +1.0 | |
| G61A | St-Isidore-de- | 35.15 263 | P | P | 21 11 53.3 | +0.7 | |
| D56A | ZEC Mazonza, M | 35.16 268 | P | P | 21 11 53.3 | +0.4 | |
| E57A | Chemin Saint G | 35.39 267 | P | P | 21 11 56.4 | +1.5 | |
| MOQ | Mont Orford | 35.44 264 | P | P | 21 11 55.6 | +0.3 | |
| D55A | Sainte-Anne-du | 35.49 269 | P | P | 21 11 56.8 | +1.2 | |
| VLDQ | Val d'Or | 35.51 272 | P | I | 21 11 57.1 | +1.4 | |
| VLDQ | Milan | 35.56 262 | P | I | 21 11 58.6 | | |
| H62A | Milan | 35.56 262 | P | P | 21 11 57.4 | +1.1 | |
| H62A | Milan | 35.56 262 | P | I | 21 11 56.5 | +0.2 | |
| G60A | Masonville | 35.65 264 | P | P | 21 11 57.8 | +0.8 | |
| E56A | St. Veronique | 35.67 268 | P | P | 21 11 58.1 | +0.9 | |
| TRQ | Mont Tremblant | 35.72 267 | P | P | 21 11 58.0 | +0.3 | |
| ANN | Anapa | 35.87 96 | P | P | 21 11 55.6 | -3.3 | |
| ANN | ANN | | | | 21 17 38.8 | +2.4 | |
| ANN | ANN | | | | | | |
| ANN | comp=Z,79nm,1.2s | | | | | | |
| ANN | comp=E,1um,13.0s | | | | | | |
| ANN | comp=Z,3um,14.0s | | | | | | |
| G59A | Clarenceville | 36.02 265 | P | P | 21 12 02.7 | +2.5 | |
| ARU | Arti | 36.11 66c | P | P | 21 11 59.4 | -1.4 | |
| ARU | ARU | | | | 21 13 17.7 | | |
| ARU | ARU | | | | 21 17 39.9 | +0.1 | |
| ARU | ARU | | | | 21 20 00.7 | -3.8 | |
| ARU | comp=Z,36nm,1.3s | | | | | | |

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|-------|-------------------------------------------|-----------|---|---|------------|------|--|
| ARU | comp=Z,4um,20.0s | 36.11 66 | P | P | 21 12 01.3 | +0.5 | |
| H60A | Morristown | 36.23 264 | P | P | 21 12 04.4 | +2.4 | |
| G58A | Orrstown | 36.35 266 | P | P | 21 12 05.6 | +2.7 | |
| FRNY | Flat Rock | 36.40 265 | P | P | 21 12 04.9 | +1.5 | |
| FRNY | FRNY | | | | 21 12 09.7 | | |
| VT1 | Waterbury | 36.44 263 | P | P | 21 12 03.1 | -0.7 | |
| VT1 | Waterbury | | | | 21 12 10.9 | | |
| I61A | Oroboro, Fairl | 36.52 263 | P | P | 21 12 06.2 | +1.6 | |
| NRIK | Noril'sk | 36.55 35 | P | P | 21 12 04.3 | -0.1 | |
| NRIK | comp=Z,18nm,1.0s,baz=322,slow=5.4,SNR=17 | | | | 21 28 57.3 | | |
| NRIK | comp=Z,2um,18.3s,baz=348,slow=39 | | | | 21 12 02.9 | -1.5 | |
| NRIK | Noril'sk | 36.55 35c | P | P | 21 12 07.2 | +2.2 | |
| H59A | Cadyville | 36.59 265 | P | P | 21 12 04.5 | -0.9 | |
| SVE | Sverdlovsk | 36.64 64 | P | S | 21 17 53.2 | +5.3 | |
| SVE | SVE | | | | | | |
| SVE | comp=Z,43nm,1.7s | | | | | | |
| SVE | comp=Z,4um,20.0s | 36.78 107 | P | P | 21 12 07.5 | +0.7 | |
| MDUB | Mudrun | 36.78 266 | P | P | 21 12 08.5 | +1.8 | |
| G57A | Newington | 36.78 266 | P | P | 21 12 08.3 | +0.5 | |
| C36M | Pauluk | 36.95 326 | P | P | 21 12 06.9 | -0.9 | |
| C36M | Pauluk | 36.95 326 | P | I | 21 12 10.4 | | |
| C36M | Pauluk | 36.95 326 | P | I | 21 12 09.9 | +1.4 | |
| H58A | Galeville | 36.98 265 | P | P | 21 12 10.0 | +1.5 | |
| LONY | Lake Ozonia | 36.99 266 | P | P | 21 12 08.6 | 0.0 | |
| LONY | Lake Ozonia | 36.99 266 | P | P | 21 12 13.2 | +0.5 | |
| ILGA | Ilgaz | 37.34 104 | P | P | 21 12 13.2 | +0.9 | |
| ALGO | Algonquin Park | 37.44 270 | P | P | 21 12 14.4 | +1.9 | |
| H57A | Richville | 37.47 266 | P | P | 21 12 15.3 | +0.5 | |
| PLVO | Plevna | 37.74 268 | P | P | 21 12 11.4 | -4.2 | |
| SOC | Sochi | 37.83 95 | P | S | 21 18 02.4 | -3.8 | |
| SOC | SOC | | | | 21 20 37.7 | -8.7 | |
| SOC | SOC | | | | | | |
| J59A | Piesco | 37.89 264 | P | P | 21 12 17.3 | +1.2 | |
| G54A | Lake Saint Pet | 37.89 270 | P | P | 21 12 17.0 | +0.9 | |
| SANT | Santorini | 38.00 117 | P | I | 21 12 15.6 | -1.6 | |
| SANT | SANT | | | | 21 12 18.4 | | |
| I57A | Carthage | 38.01 266 | P | P | 21 12 19.0 | +1.9 | |
| GOF | Gofitskoye | 38.09 91 | P | P | 21 12 17.7 | 0.0 | |
| GOF | GOF | | | | | | |
| TRY | comp=Z,153nm,1.3s | 38.12 263 | P | P | 21 12 19.1 | +1.6 | |
| J58A | Remsen | 38.31 265 | P | P | 21 12 21.1 | +1.4 | |
| J58A | Remsen | 38.31 265 | P | P | 21 12 20.3 | +0.6 | |
| DELO | Deloro Mine | 38.39 268 | P | P | 21 12 20.1 | -0.2 | |
| BR131 | Keskin Array S | 38.42 105 | P | P | 21 12 20.2 | -0.6 | |
| BR131 | Keskin Array S | 38.42 105 | P | P | 21 12 20.8 | -0.1 | |
| BRTR | comp=Z,21nm,1.0s | 38.42 105 | P | P | 21 30 36.7 | | |
| BRTR | comp=Z,9.3nm,0.9s,baz=337,slow=5.6,SNR=31 | | | | 21 12 20.7 | -0.1 | |
| BRTR | comp=Z,381nm,19.2s,baz=308,slow=40 | | | | | | |
| BRTR | Keskin Array B | 38.42 105 | P | P | 21 12 23.7 | +2.3 | |
| BRTR | BRTR | | | | | | |
| L61A | Hillsdale 1, H | 38.51 262 | P | P | 21 12 23.7 | +1.8 | |
| J57A | Williamstown | 38.58 266 | P | P | 21 12 23.1 | +1.2 | |
| J57A | Williamstown | 38.58 266 | P | P | 2 | | |

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|------|-----------------|-----------|---|-----|-----------------|
| M50A | Fremont | 43.25 270 | P | P | 21 13 00.9 +0.5 |
| M50A | | | I | Amb | 21 13 06.2 |
| MCWV | Mont Chateau | 43.30 266 | P | P | 21 13 01.6 +0.7 |
| N51A | Ashland | 43.35 269 | P | P | 21 13 02.3 +1.0 |
| N51A | | | I | Amb | 21 13 07.5 |
| O53A | New Philadelph | 43.40 268 | P | P | 21 13 03.8 +2.1 |
| O53A | New Philadelph | 43.40 268 | P | P | 21 13 03.4 +1.7 |
| O53A | | | I | Amb | 21 13 08.4 |
| L48A | N Adams | 43.41 272 | P | P | 21 13 02.6 +0.9 |
| L48A | | | I | Amb | 21 13 04.5 |
| MARD | Mardin | 43.46 100 | P | P | 21 13 03.6 +1.3 |
| GEVA | Gevas | 43.60 97 | P | P | 21 13 03.8 +0.4 |
| R58A | Rapidan | 43.64 263 | P | P | 21 13 05.0 +1.4 |
| I42A | Draeger Farm, | 43.76 278 | P | P | 21 13 05.3 +0.8 |
| O52A | Adamsville | 43.78 268 | P | P | 21 13 06.4 +1.7 |
| O52A | | | I | Amb | 21 13 07.9 |
| R57A | Stanardsville | 43.87 264 | P | P | 21 13 07.5 +2.1 |
| R58B | Mineral | 43.87 263 | P | P | 21 13 07.5 +2.1 |
| R58B | Mineral | 43.87 263 | P | P | 21 13 06.6 +1.2 |
| PS3A | Whipple | 44.11 267 | P | P | 21 13 08.5 +1.1 |
| F36A | Midway | 44.14 283 | P | P | 21 13 12.4 +0.9 |
| R56A | Bull Pasture M | 44.15 265 | P | P | 21 13 09.8 +2.0 |
| L46A | Eue Claire | 44.15 274 | P | P | 21 13 09.2 +1.5 |
| ACSO | Alum Creek Sta | 44.18 269 | P | P | 21 13 09.4 +1.5 |
| ACSO | Alum Creek Sta | 44.18 269 | P | P | 21 13 09.2 +1.2 |
| ACSO | | | I | Amb | 21 13 13.5 |
| S58A | Poland Farm, P | 44.24 263 | P | P | 21 13 08.6 +0.2 |
| COLD | Coldfoot | 44.24 336 | P | P | 21 13 09.6 +1.5 |
| COLD | Coldfoot | 44.24 336 | P | P | 21 13 08.9 +0.8 |
| COLD | | | I | Amb | 21 13 11.1 |
| Q54A | Coxs Mills | 44.29 266 | P | P | 21 13 10.7 +1.9 |
| Q54A | Coxs Mills | 44.29 266 | P | P | 21 13 10.7 +1.9 |
| Q54A | | | I | Amb | 21 13 19.0 |
| P52A | Corning | 44.31 268 | P | P | 21 13 10.6 +1.7 |
| P52A | Corning | 44.31 268 | P | P | 21 13 10.1 +1.1 |
| SPMN | Marine on St. | 44.34 282 | P | P | 21 13 11.1 +2.0 |
| SPMN | Marine on St. | 44.34 282 | P | P | 21 13 10.6 +1.4 |
| SPMN | | | I | Amb | 21 13 16.3 |
| TAM | Tamanrasset | 44.39 149 | P | P | 21 13 11.1 +1.2 |
| TAM | | | p | max | |
| TAM | Tamanrasset | 44.39 149 | P | P | 21 13 11.1 +1.2 |
| K43A | Burlington | 44.47 276 | P | P | 21 13 11.1 +0.9 |
| K43A | | | I | Amb | 21 13 15.8 |
| H40A | Norwalk | 44.49 279 | P | P | 21 13 11.2 +0.9 |
| H40A | | | I | Amb | 21 13 20.2 |
| S57A | Dark Hollow, R | 44.50 264 | P | P | 21 13 12.0 +1.5 |
| S57A | | | I | Amb | 21 13 20.7 |
| T59A | Double "B" Far | 44.56 262 | P | P | 21 13 12.8 +1.8 |
| T59A | Double "B" Far | 44.56 262 | P | P | 21 13 12.2 +1.2 |
| T59A | | | I | Amb | 21 13 17.6 |
| EGAK | Eagle | 44.60 330 | P | P | 21 13 10.6 -0.4 |
| EGAK | | | I | Amb | 21 13 13.1 |
| U61A | Possum Corner | 44.63 260 | P | P | 21 13 12.3 +0.8 |
| Q53A | Leroy | 44.69 267 | P | P | 21 13 14.1 +2.1 |
| L44A | Lake County Fo | 44.72 275 | P | P | 21 13 13.2 +1.1 |
| O49A | Covington | 44.80 271 | P | P | 21 13 13.0 +0.1 |
| DAWY | Dawson | 44.82 328 | P | P | 21 13 12.9 +0.1 |
| DAWY | | | I | Amb | 21 13 15.5 |
| N47A | Urbana | 44.82 272 | P | P | 21 13 13.1 +0.1 |
| N47A | | | I | Amb | 21 13 15.5 |
| P51A | Williamsport | 44.84 269 | P | P | 21 13 13.7 +0.6 |
| Q52A | Bidwell | 44.92 268 | P | P | 21 13 13.6 -0.3 |
| Q52A | | | I | Amb | 21 13 16.9 |
| HQ1L | Hanson Quarry C | 45.00 275 | P | P | 21 13 16.3 +1.9 |
| MDND | Maddock | 45.07 290 | P | P | 21 13 16.5 +1.5 |
| MDND | Maddock | 45.07 290 | P | P | 21 13 17.7 +2.0 |
| V62A | Hyde County Ai | 45.12 278 | P | P | 21 13 17.7 +1.6 |
| JFWS | Jewell Farm | 45.12 278 | P | P | 21 13 16.3 +0.9 |
| JFWS | Jewell Farm | 45.12 278 | P | P | 21 13 16.3 +0.9 |
| JFWS | Jewell Farm | 45.12 278 | P | P | 21 13 19.2 |
| U59A | Littleton | 45.19 261 | P | P | 21 13 17.6 +1.6 |
| U59A | | | I | Amb | 21 13 22.5 |
| T57A | Hurt | 45.27 263 | P | P | 21 13 18.7 +2.1 |
| T57A | Hurt | 45.27 263 | P | P | 21 13 18.0 +1.4 |
| T57A | | | I | Amb | 21 13 23.4 |
| R53A | Hurricane | 45.31 267 | P | P | 21 13 18.9 +1.9 |
| F33A | 5 Mile Ranch | 45.31 285 | P | P | 21 13 18.2 +1.3 |
| F33A | | | I | Amb | 21 13 23.3 |
| Q51A | Peebles | 45.34 269 | P | P | 21 13 17.6 +0.4 |
| M44A | Midewin, Midew | 45.42 275 | P | P | 21 13 18.8 +1.1 |
| RDOC | Red Dog Mine | 45.43 343 | P | P | 21 13 17.8 +0.2 |
| RDOC | | | I | Amb | 21 13 23.3 |
| K27K | Chicken | 45.45 329 | P | P | 21 13 20.8 |
| V60A | Jim Taylor Roa | 45.46 261 | P | P | 21 13 20.0 +1.9 |
| SS4A | Dingess, Beckl | 45.46 266 | P | P | 21 13 19.1 +0.8 |
| SS4A | | | I | Amb | 21 13 28.6 |
| P49A | Miami Univ. Ec | 45.51 270 | P | P | 21 13 20.0 +1.5 |
| P49A | Miami Univ. Ec | 45.51 270 | P | P | 21 13 19.7 +1.2 |
| P49A | | | I | Amb | 21 13 23.5 |
| I37A | Lemond, Waseca | 45.57 281 | P | P | 21 13 20.1 +1.2 |
| BLA | Blacksburg | 45.59 265 | P | P | 21 13 21.0 +1.8 |
| BLA | Blacksburg | 45.59 265 | P | P | 21 13 21.0 +1.8 |
| BLA | | | p | max | |
| BLA | | | p | max | |
| BLA | Blacksburg | 45.59 265 | P | P | 21 13 21.0 +1.8 |
| BLA | | | I | Amb | 21 13 25.1 |
| POKR | Poker Plat Res | 45.61 333 | P | P | 21 13 19.9 +0.9 |
| POKR | Poker Plat Res | 45.61 333 | P | P | 21 13 19.7 +0.7 |
| POKR | | | I | Amb | 21 13 22.5 |
| L42A | Oliver, Polo | 45.61 277 | P | P | 21 13 19.9 +0.6 |
| U57A | Blanch | 45.78 263 | P | P | 21 13 22.0 +1.3 |
| IL18 | Eielson Array | 45.80 332 | P | P | 21 13 20.6 +0.1 |
| IL31 | Eielson Array | 45.81 333 | P | P | 21 13 20.7 +0.2 |
| ILAR | Eielson Array | 45.81 333 | P | P | 21 13 19.9 -0.7 |
| ILAR | | | P | P | 21 14 57.4 -0.3 |
| ILAR | | | L | R | |
| T55A | Putaski | 45.83 265 | P | P | 21 13 22.4 +1.3 |
| SFIN | Lafayette | 45.84 273 | P | P | 21 13 22.0 +0.9 |
| SFIN | Lafayette | 45.84 273 | P | P | 21 13 21.8 +0.7 |
| SFIN | | | I | Amb | 21 13 25.1 |

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|------|-----------------|-----------|---|-----|-----------------|
| P48A | Milroy | 45.88 271 | I | Amb | 21 13 23.2 |
| MDM | Murphy Dome | 45.91 333 | P | P | 21 13 21.9 +0.5 |
| COLA | COLA | 45.91 333 | P | P | 21 13 21.8 +0.5 |
| COLA | | | p | max | |
| COLA | College | 45.91 333 | P | P | 21 13 21.8 +0.5 |
| TCOL | CIGO, UAF Yank | 45.91 333 | P | P | 21 13 21.9 +0.5 |
| TCOL | CIGO, UAF Yank | 45.91 333 | P | P | 21 13 21.7 +0.3 |
| SCRK | Sand Creek | 45.91 330 | P | P | 21 13 22.4 +0.9 |
| I23K | Minto, Yukon-K | 45.95 334 | P | P | 21 13 22.2 +0.6 |
| I23K | Minto, Yukon-K | 45.95 334 | P | P | 21 13 23.4 +1.7 |
| CCB | Clear Creek Bu | 46.00 333 | I | Amb | 21 13 26.5 |
| HDA | Harding Lake | 46.14 332 | P | P | 21 13 23.2 0.0 |
| HDA | Harding Lake | 46.14 332 | P | P | 21 13 24.1 +0.8 |
| T54A | Tazewell | 46.22 266 | P | P | 21 13 26.0 +1.8 |
| DOT | Dot Lake | 46.22 330 | P | P | 21 13 24.4 +0.6 |
| DOT | | | I | Amb | 21 13 27.1 |
| V58A | Windy Hill, Pi | 46.23 262 | P | P | 21 13 25.7 +1.5 |
| V58A | Windy Hill, Pi | 46.23 262 | P | P | 21 13 24.5 +0.3 |
| V58A | | | I | Amb | 21 13 30.8 |
| BCAR | Beaver Creek A | 46.23 329 | P | P | 21 13 24.1 +0.2 |
| L40A | Anamosa | 46.23 278 | P | P | 21 13 24.8 +0.6 |
| L40A | | | I | Amb | 21 13 27.8 |
| RIDG | Independent Ri | 46.30 331 | P | P | 21 13 25.9 +1.3 |
| U56A | King | 46.30 264 | P | P | 21 13 26.1 +1.2 |
| U56A | | | I | Amb | 21 13 35.0 |
| WRH | Wood River Hill | 46.31 333 | P | P | 21 13 24.6 0.0 |
| WRH | | | I | Amb | 21 13 30.9 |
| MLY | Manley | 46.32 335 | P | P | 21 13 24.7 +0.1 |
| R50A | Paris | 46.38 269 | P | P | 21 13 26.3 +0.9 |
| R50A | | | I | Amb | 21 13 30.8 |
| NEA2 | Nenana | 46.40 334 | P | P | 21 13 25.1 -0.1 |
| K38A | Parkersburg | 46.41 280 | P | P | 21 13 26.1 +0.5 |
| K38A | | | I | Amb | 21 13 27.7 |
| DGMT | Dagmar | 46.42 293 | P | P | 21 13 26.3 +0.7 |
| U55A | TA2, Sparta | 46.46 265 | P | P | 21 13 27.9 +1.8 |
| P46A | Rosedale | 46.52 273 | P | P | 21 13 27.2 +0.8 |
| P46A | | | I | Amb | 21 13 31.1 |
| BRZS | Berezniĳki | 46.52 63 | e | P | 21 13 25.1 -1.2 |
| BRZS | | | e | PP | 21 15 14.3 -1.0 |
| BRZS | | | L | R | 21 31 40.1 |
| BRZS | Berezniĳki | 46.52 63 | e | P | 21 13 25.1 -1.2 |
| BRZS | | | p | max | |
| BRZS | | | p | max | |
| BRZS | | | M | L | 21 15 14.3 |
| E28A | Huff | 46.54 289 | P | P | 21 13 26.8 +0.2 |
| BLO | Bloomington | 46.59 272 | P | P | 21 13 29.1 +2.1 |
| BLO | | | p | max | |
| BLO | Bloomington | 46.59 272 | P | P | 21 13 29.1 +2.1 |
| BLO | | | I | Amb | 21 13 30.8 |
| S51A | Beattyville | 46.60 268 | P | P | 21 13 28.5 +1.4 |
| S51A | | | I | Amb | 21 13 33.3 |
| L26K | Log Cabin Wild | 46.61 329 | P | P | 21 13 27.9 +0.9 |
| O44A | Mansfield | 46.62 274 | P | P | 21 13 28.4 +1.2 |
| WHY | Whitehorse | 46.63 323 | I | Amb | 21 13 28.4 +1.2 |
| WHY | | | I | Amb | 21 13 41.2 |
| HDIL | Hopedale | 46.64 275 | P | P | 21 13 29.2 +1.8 |
| HDIL | Hopedale | 46.64 275 | P | P | 21 13 28.4 +1.1 |
| T53A | Shelbyville | 46.70 266 | P | P | 21 13 28.8 +0.9 |
| R49A | R49A | 46.74 270 | P | P | 21 13 28.3 +0.1 |
| R49A | | | I | Amb | 21 13 31.7 |
| MENT | Mentasta | 46.77 330 | P | P | 21 13 29.1 +0.9 |
| MENT | | | I | Amb | 21 13 31.6 |
| U54A | Nelsons Funny | 46.78 265 | P | P | 21 13 28.5 -0.1 |
| V56A | Mocksville | 46.81 264 | P | P | 21 13 30.4 +1.6 |
| BWN | Growne | 46.85 334 | P | P | 21 13 29.2 +0.4 |
| V55A | Taylorville | 47.08 264 | P | P | 21 13 32.2 +1.3 |
| V55A | Taylorville | 47.08 264 | P | P | 21 13 32.3 +1.4 |
| PAX | Paxson | 47.12 331 | P | P | 21 13 32.4 +1.4 |
| PAX | | | p | max | |
| PAX | Paxson | 47.12 331 | P | P | 21 13 32.4 +1.4 |
| MCK | McKinley | 47.15 333 | P | P | 21 13 32.0 -0.1 |
| W57A | Gilead | 47.15 263 | P | P | 21 13 32.6 +1.1 |
| W57A | Gilead | 47.15 263 | P | P | 21 13 33.2 +1.8 |
| ECSD | EROS Data Cent | 47.15 284 | P | P | 21 13 31.9 +0.5 |
| ECSD | EROS Data Cent | 47.15 284 | P | P | 21 13 32.9 +1.5 |
| ECSD | | | I | Amb | 21 13 37.8 |

Table with columns for station ID, name, coordinates, elevation, and various status indicators (P, I, A, M, B, etc.). Includes stations like CCM, SUSA, V48A, SWET, WALA, etc.

Table with columns for station ID, name, coordinates, elevation, and various status indicators. Includes stations like SGDS, USP, T35A, UALR, MCKM, TDK, TDK, etc.

Table with columns for station ID, name, coordinates, elevation, and various status indicators. Includes stations like SHLS, O20A, IRK, HRA, HVU, etc.

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like HKT, DBIC, TIC, etc.

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like PET, HEC, ISA, IRM, etc.

Table with columns: Station, Frequency, Power, Direction, and other metrics. Includes stations like PKI, SPBC, LSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROM 05 21:32:28.3+0.1,42.850N+0.004,12.981E+0.007, NRCA Norcia, CESI Cerrava, FDMO Fiordimonte, LNSS Leonessa, MOMA Monte Martano, etc.

NIC 05 21:55:51.5+0.0,35.711N+26.89E,h16km,1km,M3.7/3
ISH 05 21:55:51.2,35.76N+26.93E,h13km,ML3,1/22
ATH 05 21:55:51.5,35.72N+26.97E,h20km,1km,ML3.2/12,Error ellipse: s-maj=2.5km s-min=1.2km az=136.0

HLW 05 21:55:52.1,35.85N+27.10E,h26km,16km,M4.2
DDA 05 21:55:52.7,35.74N+27.17E,h11km,2km,ML3.0
THE 05 21:55:55.0+0.0,35.34N+27.00E,h18km,1km,ML3.1/7,Error ellipse: s-maj=1.5km s-min=0.5km az=130.0

GII 05 21:55:55.0+0.0,35.34N+27.13E,h10km,Mm3.1/4
ISC 05 21:55:52.0+0.8,35.71N+0.03+27.00E+0.02,h21km,1km,n131,0114/163,Crete

Main table of station data for the left column, including stations like KARP Karpathos, ZKR Zakros, STIA Sitia, NISR Nisiros, KOSK Kos Island, ARG Arkhangelos, NATA Natisos, etc.

Main table of station data for the middle column, including stations like THR2 Thira Island, CMBO Columbo, CMBO Columbo, CMBO Columbo, CMBO Columbo, CMBO Columbo, etc.

Table of station data for the top right column, including stations like NATI Neve Ativ, GEM Gevra, RCY Rachaya, RMA08 Mount Meron ar, etc.

DJA 05 22:29:16.2+0.3,7.37S+2.121E,h538km,3km,M4.2/22,mb4.5/18,mb4.8/9,ML4.2/22,MW(MD)4.1/9

NEIC 05 22:29:17.0+0.1,7.23S+0.08E,121.16E+0.10,h534km,4km,mb4.3/41,Error ellipse: s-maj=15.1km s-min=9.7km az=55.0

KLM 05 22:29:16.0,7.44S+121.34E,h555km,mb4.8
IDC 05 22:29:17.5+0.6,7.17S+121.29E,h540km,mb3.5/11,mb1.3/6/15,mb1mx3.3/7,mbtmp4.4/15,Error ellipse: s-maj=21.0km s-min=8.1km az=60.0

ISC 05 22:29:16.6+0.5,7.28S+0.05E+121.20E+0.06,h532km,5km,n119,01104/135,mb4.2/30,Flora Sea

Main table of station data for the bottom right column, including stations like EDFI Ende, FMRI Maumere, FMRI Maumere, FMRI Maumere, FMRI Maumere, FMRI Maumere, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBOO Bucklebo, TWG Pinlang, STKA Stephens Creek, etc.

IDC 05 23:03:57.5:1.5, 8.08S:150.31E, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.7/31, mbtp3.8/6, ML3.0/2, Error ellipse: s-maj=51.5km s-min=24.1km az=135.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, DZM Mont Dzumac, AS31 Alice Springs, etc.

IDC 05 23:10:18.5:2.2, 38.28S:93.22W, h0km, mb4.0/7, mb1 4.3/7, mb1mx4.1/23, mbtp4.0/7, MS3.5/8, Ms1 3.5/8, ms1mx3.4/22, Error ellipse: s-maj=65.1km s-min=29.8km az=172.0

NEIC 05 23:10:20.5:2.0, 38.2S:0.2:93.0W:0.3, h10km, 2km, mb4.2/22, Error ellipse: s-maj=36.2km s-min=33.5km az=288.0

ISC 05 23:10:19.5:1.7, 38.4S:0.3:93.1W:0.1, h10km, n44, +094.3/2, mb4.2/16, MS3.5/6, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, etc.

NEIC 06 00:15:45.9:2.2, 30.49S:0.10:178.7W:0.2, h25km, 10km, mb4.0/9, Error ellipse: s-maj=30.6km s-min=10.8km az=107.0

IDC 06 00:15:46.7:1.0, 30.29S:179.06W, h241km, 9km, mb3.2/3, mb1 3.4/4, mb1mx3.2/27, mbtp3.9/4, Error ellipse: s-maj=2.2km s-min=20.5km az=134.0

ISC 06 00:15:46.0:0.7, 30.39S:0.07:178.8W:0.1, h250km, n62, +180.8/0, mb3.7/6, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, ATAH Atahualpa, SIV San Ignacio, etc.

NEIC 05 23:39:30.3:2.8, 18.4S:0.1:177.42W:0.07, h610km, 9km, mb4.2/37, Error ellipse: s-maj=19.4km s-min=7.4km az=197.0

IDC 05 23:39:33.6:5.8, 18.24S:177.93W, h618km, 67km, mb3.1/8, mb1 3.4/8, mb1mx3.0/35, mbtp4.0/8, Error ellipse: s-maj=53.8km s-min=22.4km az=144.0

ISC 05 23:39:30.0:0.6, 18.15S:0.1:177.52W:0.10, h600km, n60, +1840.6/0, mb4.0/4, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSFV Nonavau, AFIA Afiamalu, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FOZ Fox Glacier, DCZ Deep Cove, WRO Warramunga Arr, etc.

NEIC 06 00:15:46.7:1.0, 30.29S:179.06W, h241km, 9km, mb3.2/3, mb1 3.4/4, mb1mx3.2/27, mbtp3.9/4, Error ellipse: s-maj=2.2km s-min=20.5km az=134.0

ISC 06 00:15:46.0:0.7, 30.39S:0.07:178.8W:0.1, h250km, n62, +180.8/0, mb3.7/6, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, RAO Raoul Island, RIZ Raoul Island, etc.

s-min=9.8km az=138.0
MEX 06:01:43:46.5:0.7:25:12N:109:69W,h16km,295km,MD4.1
ISC 06:01:43:44.5:0.8:24:99N:0.06:109.61W:0.08:h17km,n17,
c325/17,Gulf of California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Topolobambo, La Paz, Guaymas, Lajitas Array, etc.

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists numerous stations including KCOA, ZEDA, BOZC, ECEA, GOMA, GADA, BALY, SKY, GCMC, MOS, NEIC, HLW, GII, NEIC, PRK, SIGR, AYVA, DKL, CHOS, CESE, URLA, KOCA, etc.

Continuation of the main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like APE, YKAV, KESN, DSK, MRMT, MLSB, ALN, BOZC, BDMR, AMGA, SIMA, USAK, ATH, VLY, KOSK, PAIG, OUR, SHAP, MUGLA, GOLA, RDO, ORL, YER, NIS, NIS, NEO, XOR, MDNY, CRT, KAV, KVA, KVL, GDZ, CIBO, TAV, TVSB, ULTD, IM, SAP3, KHAL, SAP2, LKR, LKR, MHLA, SANT, SANT, SANT, TURN, DALY, DALY, DALY, AVUL, KZD, ANDZ, PHSR, KRKS, KTKD, KRND, VIZE, KIRK, SOH, SOH, EDRE, EDRE, DSF, HORT, HORT, HORT, CAEL, ISK, BILE, ARG, ARG, NVR, AUBOZ, GOLH, AGG, AGG, etc.

6d 1h

2014 DEC

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Table with multiple columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AGG Agios Georgios, ISLR Istrita, MMLI Mount Malkishu, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBZ, AKH, GEC, GERS, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GROC, CLL, CLLL, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VSU, CLF, BELG, etc.

6d 1h

Table with columns: DOK, Doka, SNR, Az, El, P, S, Smax, Smin, Smax+Smin, and various station identifiers like TMCR, ESTREMOZ, etc.

2014 DEC

Table with columns: DOK, Doka, SNR, Az, El, P, S, Smax, Smin, Smax+Smin, and various station identifiers like JMDO, WBK, RBK, etc.

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Table with columns: DOK, Doka, SNR, Az, El, P, S, Smax, Smin, Smax+Smin, and various station identifiers like MBAR, SPAO, SHLS, etc.

6d 1h

2012 DEC

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like V54A Nebo, KM5C Kings Mountain, BLO Bloomington, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like WLAR White Oak Lake, FLWY Flagg Ranch, OK030 Cody Creek RV, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like PPT Papeete, PATS Pohnepe, PMG Port Moresby, etc.

ISC 06 01:51:33.9, 3.3, 17.865, 178.35W, h569km, 41km, m3.715, mb1 3.9, mb1mx3.8/3.4, mbtmp4.5/1.5, Error ellipse: s-maj=29.5km s-min=13.8km az=159.0
NEIC 06 01:51:35.7, 1.6, 17.85, 0.2x-178.4W, 0.1, h595km, 41km, mb4.4/21, Error ellipse: s-maj=28.4km s-min=16.4km az=166.0
ISC 06 01:51:34.7, 0.7, 17.85, 0.2x-178.43W, 0.09, h579km, m134, 0.074/126, mb4.3/22, 10C-12D, Fiji Islands region

Code Station Name Az AzC Phase ID Time Res
MSVF Nonavu 3.36 271 Op ISC h s ISC
AFI Afiamalu 7.46 201 P P 01 53 28.9 +0.3

6d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like WAKR Walker, SUTB Sutter Butte, HOPS Hopland Field, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like IDC 06 02:16:31.0, NEIC 06 02:16:32.0, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like MCARA McCarthy VSAT, NEA2 Nevena, NEA2 Nevena, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like HIN Hinchinbrook I, KNL Knik Glacier, GLI Glacier Island, etc.

ISK 06 02:22:44.5, 38.94N, 26.28E, h14km, ML2.6/21

DDA 06 02:22:44.9, 38.95N, 26.30E, h11km, 3km, ML2.5

ATH 06 02:22:45.0, 38.94N, 26.20E, h28km, 1km, ML2.3/3, Error

ellipso: s-maj=1.1km s-min=0.5km az=303.0

THE 06 02:22:45.0, 38.92N, 26.24E, h9km, 1km, ML2.4, Error

ellipso: s-maj=1.5km s-min=0.5km az=303.0

ISC 06 02:22:45.0, 38.94N, 0.02, 26.28E, 0.02, h15km, 9km,

n60, c0.41/82, Aegean Sea

Main table for the left column, listing station codes (PRK, SIGR, AYVA, etc.), station names, and their respective coordinates and phases.

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

ISK 06 02:43:34.8, 38.90N, 26.28E, h13km, ML3.7/32

DDA 06 02:43:34.9, 38.89N, 26.28E, h19km, 3km, ML3.6

ATH 06 02:43:34.5, 38.87N, 26.29E, h30km, 1km, ML3.3/12, Error

ellipso: s-maj=1.4km s-min=0.7km az=266.0

THE 06 02:43:35.5, 38.88N, 26.27E, h9km, 1km, ML3.1/10, Error

ellipso: s-maj=1.1km s-min=0.5km az=77.0

SOF 06 02:43:40.7, 38.93N, 26.08E, h14km, MD3.3

ISC 06 02:43:35.1, 0.9, 38.89N, 0.02, 26.28E, 0.02, h15km, gkm,

n160, c0.87/191, 9C-4D, Aegean Sea

Code Station Name Az Az Phase ID Time Res

Main table for the middle column, listing station codes (PRK, SIGR, DKL, etc.), station names, and their respective coordinates and phases.

Main table for the right column, listing station codes (SKY, KYMI, ERIK, etc.), station names, and their respective coordinates and phases.

BURAR Bucovina Array 876 355 P Pn 02 45 40.2 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Ishinomakikobu, Ouri, Kesennumototy, etc.

IDA 06 03:14:47.1.4.9.05S:113.67E,h0km,mb3.2/3, mb1.3/3,mb1mx3.2/27,mbtmp3.2/3, Error ellipse: s-maj=174.2km s-min=29.2km az=55.0

DJA 06 03:14:57.0.4.8.S4.4.11.4E, h17km,3km,M3.2/9, MLv3.2/9

ISC 06 03:14:55.5.1.2.8.05:0.10:113.66E:0.05,h100km,n12, az=275/14,mb2.7/3,Jawa

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Banyuwilugur, Bajaj, Banyuwu, etc.

IDA 06 03:24:31.8.14.0.5.19NS:128.32E,h195km,72km,mb3.6/1, mb1.3/1,mb1mx2.9/29,mbtmp3.6/4, Error ellipse: s-maj=137.3km s-min=36.5km az=1.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc.

IDA 06 03:25:39.5.1.0.8.13S:120.61E,h0km,mb3.9/5, mb1.4/1,mb1mx3.9/33,mbtmp4.0/8,ML3.6/3, Error ellipse: s-maj=76.0km s-min=16.3km az=67.0

DJA 06 03:25:41.8.0.2.8.S2.2.12.1E, h10km,M4.0/12, MLv4.0/12

NEIC 06 03:25:43.5.2.2.8.16S:0.09:120.7E:0.1, h33km,7km, mb4.2/8, Error ellipse: s-maj=21.3km s-min=1.8km az=56.0

ISC 06 03:25:42.8.1.4.8.12S:0.04:120.71E:0.04,h26km,12km, n36, az=159/42,mb3.9/5,Flores region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Ende, Flores, Waingapu, etc.

mb1.4/4.16,mb1mx4.1/42,mbtmp4.3/16,ML4.3/1,M3.0/7, M1.3/0.7,ms1mx2.8/29, Error ellipse: s-maj=33.1km s-min=13.6km az=51.0

DJA 06 03:53:30.2.0.7.2.S3.3.10.1E, h13km,5km,ML4.5/19, mb4.7/2,MLv4.4/19

NEIC 06 03:53:33.7.1.7.2.28S:0.09:100.76E:0.0, h97km,3km, mb4.5/14, Error ellipse: s-maj=16.4km s-min=9.0km az=46.0

ISC 06 03:53:31.5.0.5.2.32S:0.07:100.59E:0.05,h50km,n71, az=194/65,mb4.5/19,MSZ.9/5,Southern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Kerinci, Sungai Dareh, Saibai, etc.

CAPN Captain Cook N 0.42 80 P Pn 03 57 08.7 +1.8

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like CAPN, CAPN Redoubt South, RDWB, etc.

IDA 06 03:53:24.4.0.8.2.21S:100.68E,h0km,mb3.4/15,

NEIC 06 03:56:51.1.1.3.60.7N:0.03:152.01W:0.07,h98km,4km, Error ellipse: s-maj=5.2km s-min=4.4km az=97.0

ANF 06 03:56:52.7.0.5.60.72N:151.76W,h105km,5km,ML3.7/16, Error ellipse: s-maj=4.8km s-min=3.7km az=89.0

AEIC 06 03:56:53.1.4.60.70N:0.03:151.98W:0.07,h92km,5km, ML3.4, Error ellipse: s-maj=5.1km s-min=4.2km az=119.0

ISC 06 03:56:51.1.1.3.60.7N:0.03:152.01W:0.04, h105km,7km,n155, az=98/81,Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIAG, BALM, DOT, ISLE, POKR, etc.

ISC 06:04:07:40.9.2.2, 1.56N, 127.48E, h0km, mb3.0/3, mb1 3.3/3, mb1mx3.5/27, mbtmp3.1/3, Error ellipse: s-maj=180.2km s-min=25.0km az=67.0, Halmahera

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

ISC 06:04:27:38.4.2.8, 29.94N, 79.24E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.5/27, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=104.9km s-min=29.3km az=45.0

NEIC 06:04:27:42.6.2.8, 30.7N, 0.2-80.0E, 0.1, h10km, 1km, mb4.1/3, Error ellipse: s-maj=35.1km s-min=6.2km az=215.0

NDI 06:04:27:42.5.1.9, 30.32N, 79.97E, h10km, ML3.9, mb4.1 (NEIC)

ISC 06:04:27:41.5.0.8, 30.47N, 0.06:79.91E, 0.05, h10km, n22, s1617/23, mb4.1/3, Western Xizang India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DDI, SMLA, NDI, SONA, DHRM, etc.

SJA 06:04:49:59.5.0.9, 17.43S, 70.06W, h155km, 7km, ML4.0, MW3.8

NEIC 06:04:49:59.8.1.9, 17.30S, 0.07:69.84W, 0.09, h139km, 7km, mb4.4/23, Error ellipse: s-maj=13.6km s-min=7.6km

ISC 06:04:50:00.8.0.8, 17.33S, 69.66W, h146km, 6km, mb3.9/13, mb1 4.0/16, mb1mx3.9/32, mbtmp4.3/16, Error ellipse: s-maj=14.2km s-min=10.7km az=176.0

GUC 06:04:50:01.0.0.7, 17.42S, 70.06W, h152km, 3km, ML3.8

ISC 06:04:49:59.8.0.5, 17.38S, 0.04:69.91W, 0.06, h145km, 4km, n103, s1617/131, mb4.3/19, 5C, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PB16, AP01, AP01, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PISGAC, GSGCX, GO01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ULM, OMMB, NVAR, etc.

JMA 06:05:45:12.2.0.1, 28.16N, 139.92E, h535km, M4.0

NEIC 06:05:45:13.6.2.0, 28.12N, 0.05:139.5E, 0.1, h521km, 11km, mb4.3/13, Error ellipse: s-maj=19.4km s-min=4.1km az=68.0

ISC 06:05:45:13.6.1.8, 28.06N, 139.44E, h524km, 21km, mb3.1/11, mb1 3.3/14, mb1mx3.0/38, mbtmp4.1/14, Error ellipse: s-maj=23.6km s-min=10.8km az=64.0

ISC 06:05:45:12.6.0.5, 28.14N, 0.06:139.52E, 0.08, h507km, n55, mb4.0/17, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ, JCH, JAG, etc.

| | | | | | | |
|--------|-----------------|------|-----|-----|-----|-----------------|
| USAK | Uak-Merkez | 2.15 | 94 | iP | Pn | 06 21 30.6 +1.0 |
| USAK | Uak-Merkez | 2.15 | 94 | iS | Sb | 06 22 01.0 +1.6 |
| KOSK | Kos Island | 2.20 | 165 | PN | Pn | 06 21 30.1 -0.2 |
| KOSK | Kos Island | 2.20 | 165 | P | Pn | 06 21 30.2 -0.1 |
| ATH | Athens Observa | 2.21 | 246 | P | Pn | 06 21 30.3 -0.1 |
| VLY | Voula,Athens | 2.21 | 243 | P | Pn | 06 21 30.4 -0.4 |
| VLY | Voula,Athens | 2.21 | 243 | S | Pn | 06 21 30.0 -0.4 |
| VLY | Voula,Athens | 2.21 | 243 | S | Pn | 06 21 56.6 -0.6 |
| PAIG | Paliouri | 2.27 | 298 | P | Pn | 06 21 31.1 -0.1 |
| PAIG | Paliouri | 2.27 | 298 | P | AML | 06 22 12.6 |
| PAIG | Paliouri | 2.27 | 298 | P | AML | 06 22 15.0 |
| PAIG | Paliouri | 2.27 | 298 | P | Pn | 06 21 31.2 0.0 |
| PAIG | Paliouri | 2.27 | 298 | S | Sb | 06 21 37.5 -1.0 |
| OUR | Ouranopolis | 2.29 | 310 | P | Pn | 06 21 31.8 +0.3 |
| OUR | Ouranopolis | 2.29 | 310 | P | AML | 06 22 09.0 |
| OUR | Ouranopolis | 2.29 | 310 | P | AML | 06 22 12.7 |
| OUR | Ouranopolis | 2.29 | 310 | PN | Pn | 06 21 31.8 +0.3 |
| MULA | Mugla, Merkez- | 2.29 | 135 | iP | Pn | 06 21 32.1 +0.4 |
| MULA | Mugla, Merkez- | 2.29 | 135 | iS | Sg | 06 22 07.6 -1.1 |
| SHAP | Saphane-Kutahy | 2.30 | 86 | PN | Pn | 06 21 32.8 +1.0 |
| TKR | Tekirdag | 2.31 | 24 | PN | Pn | 06 21 32.4 +0.4 |
| RDO | Rodhopi | 2.33 | 346 | P | Pn | 06 21 32.8 +0.7 |
| RDO | Rodhopi | 2.33 | 346 | PN | Pn | 06 21 32.5 +0.5 |
| ORLT | Orhaneli | 2.33 | 59 | PN | Pn | 06 21 33.1 +0.9 |
| YERKES | Yerkesis | 2.36 | 137 | PN | Pn | 06 21 33.2 +0.6 |
| NISR | Nisroks | 2.37 | 163 | P | Pn | 06 21 32.8 +0.6 |
| DATO | Datca-Mugla | 2.41 | 282 | PN | Pn | 06 21 32.9 +0.2 |
| NEO | Neokhori | 2.41 | 281 | P | Pn | 06 21 33.2 0.0 |
| NEO | Neokhori | 2.41 | 281 | AML | AML | 06 22 15.1 |
| NEO | Neokhori | 2.41 | 281 | AML | AML | 06 22 15.7 |
| XOR | Xorichiti | 2.45 | 282 | P | Pn | 06 21 33.5 -0.3 |
| XOR | Xorichiti | 2.45 | 282 | AML | AML | 06 22 15.8 |
| XOR | Xorichiti | 2.45 | 282 | AML | AML | 06 22 16.3 |
| MDNY | Mudanya-Bursa | 2.50 | 53 | PN | Pn | 06 21 34.6 +0.2 |
| CRLT | Corlu | 2.50 | 26 | PN | Pn | 06 21 34.9 +0.4 |
| GDZ | Gediz | 2.50 | 84 | iP | Pn | 06 21 35.3 +0.7 |
| GDZ | Gediz | 2.50 | 84 | iS | Sg | 06 22 14.4 -1.0 |
| KVLA | Kavala | 2.50 | 328 | P | Pn | 06 21 34.9 +0.4 |
| CMBO | Columbo, Santo | 2.51 | 196 | P | Pn | 06 21 34.2 -0.3 |
| KVLA | Kavala | 2.51 | 325 | P | Pn | 06 21 34.9 +0.3 |
| SAP4 | Santorini-Oia | 2.52 | 197 | P | Pn | 06 21 34.1 -0.5 |
| TAVA | TAVAZI Tavass | 2.52 | 124 | iP | Pn | 06 21 35.6 +0.9 |
| TAVA | TAVAZI Tavass | 2.52 | 124 | iS | Sg | 06 21 37.7 +0.1 |
| TVSB | Tavsanli | 2.54 | 76 | PN | Pn | 06 21 35.9 +0.8 |
| THT2 | Imerovigli | 2.54 | 196 | PN | Pn | 06 21 34.5 -0.5 |
| ULDT | Uludag | 2.54 | 60 | iP | Pn | 06 21 37.1 +1.9 |
| THR7 | Fira-Santorini | 2.55 | 196 | P | Pn | 06 21 34.0 -1.1 |
| THR8 | Santorini-Mono | 2.55 | 195 | P | Pn | 06 21 34.7 -0.4 |
| SAP3 | Santorini-Thir | 2.55 | 196 | P | Pn | 06 21 34.9 +0.4 |
| KHAL | Karahalli | 2.57 | 101 | iP | Pn | 06 21 36.6 +1.1 |
| KHAL | Karahalli | 2.57 | 101 | iS | Sg | 06 22 15.7 -1.9 |
| THR3 | Thira Island, | 2.57 | 196 | P | Pn | 06 21 35.0 -0.3 |
| LKR | Lokris | 2.57 | 266 | P | Pn | 06 21 35.4 0.0 |
| LKR | Lokris | 2.57 | 266 | AML | AML | 06 22 22.4 |
| LKR | Lokris | 2.57 | 266 | AML | AML | 06 22 26.0 |
| MLHA | Plaka, Milos I | 2.59 | 215 | P | Pn | 06 21 34.7 -1.0 |
| SANT | Santorini | 2.59 | 195 | P | Pn | 06 21 34.9 +0.8 |
| SANT | Santorini | 2.59 | 195 | P | Pn | 06 21 34.7 -1.1 |
| SANT | Santorini | 2.59 | 195 | iS | Sb | 06 22 06.7 -0.1 |
| SANT | Santorini | 2.59 | 195 | PN | Pn | 06 21 35.0 -0.8 |
| SANT | Santorini | 2.59 | 195 | PN | Pn | 06 21 35.4 -0.4 |
| TURN | Turunc | 2.62 | 143 | P | Pn | 06 21 36.3 +0.0 |
| THR9 | Santorini-Faro | 2.62 | 143 | P | Pn | 06 21 36.3 +0.0 |
| VOL2 | Volos | 2.63 | 282 | P | Pn | 06 21 37.6 +1.4 |
| PLG | Polygyros | 2.64 | 305 | P | Pn | 06 21 36.8 +0.3 |
| IGD | Bursa | 2.65 | 58 | iP | Pn | 06 21 37.2 +0.8 |
| MLHO | Agia Marina, M | 2.65 | 215 | P | Pn | 06 21 35.5 -1.0 |
| GEMT | Gemlik | 2.73 | 65 | PN | Pn | 06 21 37.7 +0.1 |
| SLVT | Silivri | 2.77 | 32 | PN | Pn | 06 21 38.3 +0.2 |
| DALLY | Dalyan (Mula) | 2.79 | 137 | iP | Pn | 06 21 39.3 +0.8 |
| DALLY | Dalyan (Mula) | 2.79 | 137 | iS | Sb | 06 22 17.3 -0.6 |
| ELBA | Catalca | 2.80 | 36 | iP | Pn | 06 21 38.7 +0.2 |
| AVCI | Avclar-stanb | 2.82 | 41 | PN | Pn | 06 21 39.4 +0.5 |
| KDZ | Kurdzhali | 2.82 | 36 | PN | Pn | 06 21 39.5 +0.5 |
| ANDZ | Kutahya, Merke | 2.88 | 76 | iP | Pn | 06 21 40.7 +0.9 |
| KRND | KRANIDI | 2.89 | 240 | P | Pn | 06 21 39.5 -0.2 |
| PKRS | Pinarhisar | 2.90 | 19 | PN | Pn | 06 21 40.1 +0.1 |
| CHKS | Kestanehli-??a | 2.90 | 35 | PN | Pn | 06 21 39.9 -0.1 |
| VIZE | Kirkireli, Vi | 2.94 | 23 | iP | Pn | 06 21 40.2 -0.3 |
| KIRK | Kirkireli | 2.94 | 23 | iS | Sb | 06 21 40.7 -0.1 |
| SOH | Sokhos | 2.97 | 312 | P | Pn | 06 21 41.7 +0.8 |
| SOH | Sokhos | 2.97 | 312 | AML | AML | 06 22 33.0 |
| SOH | Sokhos | 2.97 | 312 | AML | AML | 06 22 37.6 |
| DSF | Desfina | 2.98 | 262 | P | Pn | 06 21 40.9 -0.1 |
| EDRB | Edirne | 2.98 | 7 | PN | Pn | 06 21 41.0 0.0 |
| CAEL | Denizli, Camel | 2.98 | 125 | iP | Pn | 06 21 42.5 +1.3 |
| HORT | Horiatiss | 2.99 | 306 | P | Pn | 06 21 42.0 +0.8 |
| HORT | Horiatiss | 2.99 | 306 | P | Pn | 06 21 42.0 +0.8 |
| DIFA | Delphi | 2.99 | 263 | P | Pn | 06 21 41.0 -0.2 |
| ARG | Arkhangelos | 3.04 | 151 | P | Pn | 06 21 42.5 +0.6 |
| ARG | Arkhangelos | 3.04 | 151 | AML | AML | 06 22 43.3 |
| ARG | Arkhangelos | 3.04 | 151 | AML | AML | 06 22 46.0 |
| ARG | Arkhangelos | 3.04 | 151 | AML | AML | 06 22 46.0 |
| BILE | Bilecik/Merkez | 3.06 | 64 | iP | Pn | 06 21 44.0 +1.8 |
| GOLH | Golhisar | 3.07 | 121 | iP | Pn | 06 21 43.7 +1.3 |
| NVR | Nevoikopi | 3.08 | 324 | P | Pn | 06 21 43.1 +0.6 |
| AGG | Agios Georgios | 3.08 | 274 | P | Pn | 06 21 42.9 +0.4 |
| AGG | Agios Georgios | 3.08 | 274 | AML | AML | 06 22 39.9 |
| AGG | Agios Georgios | 3.08 | 274 | AML | AML | 06 22 42.1 |
| AGG | Agios Georgios | 3.08 | 274 | PN | Pn | 06 21 42.7 +0.2 |
| AGG | Agios Georgios | 3.08 | 274 | PN | Pn | 06 21 43.0 +0.5 |
| AGG | Agios Georgios | 3.08 | 274 | PN | Pn | 06 21 43.0 +0.5 |
| AUBOZ | BOZOYUK | 3.08 | 69 | PN | Pn | 06 21 43.1 +0.6 |
| THE | Thessaloniki | 3.09 | 305 | P | Pn | 06 21 43.5 +0.9 |
| LSO | Lafona Observ | 3.12 | 286 | P | Pn | 06 21 43.5 +0.9 |
| AFYO | Afyonkarahisar | 3.14 | 91 | PN | Pn | 06 21 43.0 +0.5 |
| FETY | Fethiye | 3.16 | 134 | iP | Pn | 06 21 45.2 +1.6 |
| LIT | Litokhoron | 3.17 | 294 | P | Pn | 06 21 44.4 +0.7 |
| LIT | Litokhoron | 3.17 | 294 | P | Pn | 06 21 44.5 +0.7 |
| LIT | Litokhoron | 3.17 | 294 | PN | Pn | 06 21 44.5 +0.7 |
| BRDR | Burdur-Merkez | 3.21 | 111 | iP | Pn | 06 21 45.4 +1.1 |
| GUR | Gour | 3.23 | 24 | P | Pn | 06 21 45.8 +0.2 |
| AUKIR | Kirka- Seyitga | 3.32 | 82 | iP | Pn | 06 21 47.5 +1.5 |
| SERG | Sergoula | 3.34 | 263 | P | Pn | 06 21 46.4 +0.4 |
| KLAV | Kalavryta, Ach | 3.35 | 257 | P | Pn | 06 21 46.4 +0.3 |
| MNVA | Monemvasia | 3.38 | 230 | P | Pn | 06 21 46.4 -0.1 |
| THL | Thokotos, Trika | 3.38 | 293 | P | Pn | 06 21 47.7 +0.7 |
| BORA | Eskisehir | 3.38 | 72 | iP | Pn | 06 21 47.8 +1.1 |
| KARP | Karpathos | 3.41 | 168 | PN | Pn | 06 21 46.9 -0.1 |
| KARP | Karpathos | 3.41 | 168 | PN | Pn | 06 21 47.1 +0.2 |
| VLI | Velia | 3.42 | 232 | P | Pn | 06 21 46.6 -0.5 |
| ANX | Ano Chora | 3.42 | 266 | P | Pn | 06 21 48.2 +1.0 |
| WLX | Wlacherasia | 3.43 | 27 | PN | Pn | 06 21 47.2 +0.5 |
| EPF | Efpaio | 3.45 | 264 | P | Pn | 06 21 48.2 +0.7 |
| GEVY | SAKARYA, Geyve | 3.49 | 62 | iP | Pn | 06 21 49.1 +1.1 |
| EVY | Evyrtania | 3.49 | 272 | P | Pn | 06 21 49.0 +1.0 |
| ISP | Isparta | 3.50 | 106 | P | Pn | 06 21 49.3 +1.0 |
| ISP | Isparta | 3.50 | 106 | P | Pn | 06 21 49.0 +0.6 |
| ISP | Isparta | 3.50 | 106 | P | Pn | 06 21 49.2 +1.0 |
| SGAZ | Eskisehir, Sey | 3.60 | 78 | iP | Pn | 06 21 50.9 +1.2 |
| BAGO | Egridir- ISPA | 3.65 | 103 | iP | Pn | 06 21 51.2 +0.9 |
| NAPS | Neapolis | 3.66 | 189 | P | Pn | 06 21 49.8 -0.5 |
| KTHA | Kythira Island | 3.66 | 225 | P | Pn | 06 21 50.0 -0.5 |
| DRO | Drossida | 3.71 | 257 | P | Pn | 06 21 54.8 +0.9 |
| BURA | Burdur, Bucak- | 3.72 | 113 | iP | Pn | 06 21 53.2 +2.0 |
| KAND | Kocaeli-Kandir | 3.73 | 53 | iP | Pn | 06 21 52.7 +1.4 |
| KORT | Korkueli | 3.73 | 119 | iP | Pn | 06 21 54.0 +2.5 |
| VAY | Valandovo | 3.74 | 134 | iP | Pn | 06 21 53.3 +2.0 |
| VAY | Valandovo | 3.74 | 134 | ePn | Pn | 06 21 53.3 +0.6 |
| VAY | Valandovo | 3.74 | 134 | ePn | Pn | 06 21 53.8 +2.1 |
| AKAS | Kas | 3.74 | 312 | P | Pn | 06 21 53.1 +1.4 |
| AKAS | Kas | 3.74 | 312 | P | Pn | 06 21 52.9 +1.3 |
| KAYN | Sakarya, Kayna | 3.75 | 55 | iP | Pn | 06 21 52.9 +1.0 |
| KZNI | Kozani | 3.76 | 294 | P | Pn | 06 21 52.9 +1.0 |
| IDI | Anoyia | 3.76 | 198 | P | Pn | 06 21 51.0 -0.9 |

| | | | | | | |
|-------|-------------------------------------------|------|-----|-----------------|----|-----------------|
| IDI | comp=E,5.1nm,0.3s,baz=316,slow=23,SNR=3.8 | Sn | Sn | 06 22 39.8 +4.2 | | |
| IDI | Anoyia | 3.76 | 198 | P | Pn | 06 21 51.0 -0.9 |
| IDI | Anoyia | 3.76 | 198 | iP | Pn | 06 21 51.0 -0.9 |
| ZKR | Zakros | 3.77 | 181 | P | Pn | 06 21 51.8 -0.1 |
| UPST | Urolopos | 3.77 | 181 | P | Pn | 06 21 51.8 -0.7 |
| KSL | Kastellorizo | 3.79 | 135 | P | Pn | 06 21 53.5 +1.3 |
| ANKY | Antikythira Is | 3.83 | 219 | P | Pn | 06 21 52.1 -0.7 |
| ITM | Ithomi | 3.83 | 245 | P | Pn | 06 21 53.7 +0.9 |
| ITM | Ithomi | 3.83 | 245 | PN | Pn | 06 21 54.0 +1.2 |
| AMI | Antalya-Makis | 3.84 | 251 | P | Pn | 06 21 54.2 +1.3 |
| VAM | Vamos | 3.85 | 206 | P | Pn | 06 21 52.0 -1.1 |
| RLS | Riolos of Patr | 3.87 | 259 | P | Pn | 06 21 53.6 +0.4 |
| IMMV | Iera Moni Meta | 3.88 | 209 | P | Pn | 06 21 53.0 -0.5 |
| YVAC | Isyria, Yalva | 3.94 | 97 | iP | Pn | 06 21 56.0 +1.7 |
| KPRO | Kipro | 3.95 | 287 | P | Pn | 06 21 55.8 +1.3 |
| PDO | Podromos | 3.97 | 230 | P | Pn | 06 21 56.7 +1.8 |
| SAHE | Sakarya, HENDEK | 4.03 | 59 | iP | Pn | 06 21 57.3 +1.8 |
| SIVA | Sivas | 4.04 | 197 | P | Pn | 06 21 56.5 +1.0 |
| PYL | PYLLOS | 4.04 | 242 | P | Pn | 06 21 58.1 +1.6 |
| MDJB | Mudurnu | 4.11 | 66 | PN | Pn | 06 21 56.2 -0.5 |
| AKUM | Antalya-Kumluc | 4.12 | 127 | P | Pn | 06 21 59.1 +2.4 |
| AUSIV | SIVIRHISAR | 4.12 | 127 | P | Pn | 06 21 58.0 +1.1 |
| PENT | Pentafelos | 4.12 | 390 | P | Pn | 06 21 59.1 +1.4 |
| STIP | Stip | 4.20 | 313 | iPn | Pn | 06 21 57.9 +0.1 |
| JAN | Janina | 4.28 | 282 | P | Pn | 06 22 00.8 +1.9 |
| DOGA | KONYA, Doganhis | 4.30 | 99 | iP | Pn | 06 22 01.4 +2.1 |
| NESTO | Nestoras | 4.32 | 220 | P | Pn | 06 22 02.9 +1.7 |
| VTS | Vitosha | 4.38 | 329 | ePn | Pn | 06 22 01.6 +1.3 |
| VTS | Vitosha | 4.38 | 329 | eSb | Sb | 06 22 49.5 -1.6 |
| VTS | Vitosha | 4.38 | 329 | iP | Pn | 06 22 02.0 +1.5 |
| GVD | Gavdhos | 4.41 | 204 | P | Pn | 06 22 01.8 +1.2 |
| FSK | Fiskardo | 4.45 | 266 | P | Pn | 06 22 03.1 +1.3 |
| SAW | Sawmata | 4.54 | 257 | P | Pn | 06 22 05.1 +1.8 |
| VLMS | Volimes, Zakyn | 4.55 | 259 | P | Pn | 06 22 03.9 +1.6 |
| SEDI | Konya, Seydis | 4.55 | 107 | iP | Pn | 06 22 05.0 +2.3 |
| KIBS | BOLU | 4.57 | 69 | iP | Pn | 06 22 03.7 +0.7 |
| BOSS | Bosilegrad | 4.62 | 323 | ePn | Pn | 06 22 05.2 +1.6 |
| GSST | Gostivar | | | | | |

6d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CEY, PRNI, SOC, KRMI, LJI, MURB, SOKA, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOT, FETA, PRA, WET, RETA, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IIGN, MAK, MAK, MAK, etc.

| | | | | |
|--------|--------------------------------------------|-------------------|---------|-----------------|
| EKA | comp-Z,3.6nm,0.5s,baz=112,slow=9.3,SNR=29 | PcP | P | 06 29 53.9 +0.8 |
| ESK | comp-Z,1.3nm,0.8s,baz=128,slow=1.6,SNR=3.8 | P | P | 06 26 23.2 +0.1 |
| ESK | comp-Z,3.6nm,1.3s | Pmax | Pmax | |
| ESK | ESkdalemir | 25.66 319 | P | 06 26 23.2 +0.1 |
| ESK | Midell | 25.68 266 | P | 06 26 25.6 +2.0 |
| MDT | comp-Z,1.1nm,0.7s,baz=90,slow=6.2,SNR=21 | P | P | 06 26 25.6 +2.0 |
| MDT | Midell | 25.68 266 | P | 06 26 25.8 +2.1 |
| MTE | Manteigas | 26.00 284 | eP | 06 26 27.9 +1.4 |
| MTE | Manteigas | comp-Z,2.6nm,1.5s | P | 06 26 26.7 +0.2 |
| PVRL | Vila Real | 26.02 286 | eP | 06 26 28.2 +1.5 |
| PCBR | Castelo Branco | 26.03 283 | eP | 06 26 27.7 +1.1 |
| PMRV | Marv??o | 26.03 282 | eP | 06 26 27.6 +0.9 |
| POLO | Lamas de Olo | 26.07 286 | eP | 06 26 28.1 +0.9 |
| AB31 | AKbulak array | 26.11 56 | iP | 06 26 27.9 +0.6 |
| AB31 | comp-Z,3.0nm,0.7s | Pmax | Pmax | |
| ABKAR | AKbulak array | 26.11 56 | P | 06 26 27.1 -0.2 |
| PCAB | Cabril | 26.21 287 | eP | 06 26 30.2 +1.8 |
| PVIS | Viseu | 26.22 285 | eP | 06 26 29.0 +1.4 |
| TMCR | Tamitsa | 26.26 12 | eP | 06 26 27.0 -1.4 |
| TMCR | comp-Z,2.5nm,0.9s | Pmax | Pmax | |
| PESTR | Estremoz | 26.28 281 | P | 06 26 29.7 +0.8 |
| PESTR | SNR=16 | P | P | |
| PESTR | Estremoz | 26.28 281 | P | 06 26 29.4 +0.4 |
| PESTR | SNR=16 | IAMB | IAMB | 06 26 30.6 |
| PGAV | Gavieira, Arco | 26.37 288 | eP | 06 26 31.5 +1.6 |
| PGAV | comp-Z,2.8nm,2.3s | P | P | |
| DSB | Dublin | 26.54 313 | P | 06 26 30.2 -0.9 |
| PBEJ | Beja | 26.66 279 | eP | 06 26 33.5 +1.1 |
| EVO | comp-Z,2.2nm,0.7s | eP | P | 06 26 33.4 +0.9 |
| COI | Coimbra | 26.68 284 | P | 06 26 32.0 -0.5 |
| COI | comp-Z,4.6nm,0.9s | Pmax | Pmax | |
| COI | Coimbra | 26.68 284 | eP | 06 26 34.9 +2.4 |
| COI | Coimbra | 26.68 284 | P | 06 26 32.0 -0.5 |
| PVAQ | Vaqueiros | 26.69 278 | P | 06 26 34.0 +1.4 |
| PVAQ | SNR=12 | eP | P | |
| PVAQ | Vaqueiros | 26.69 278 | eP | 06 26 33.8 +1.2 |
| PVAQ | comp-Z,2.6nm,1.0s | P | P | |
| PMTG | Montargil | 26.73 281 | eP | 06 26 32.4 -0.3 |
| PMTG | comp-Z,5.4nm,1.5s | P | P | 06 26 33.9 +0.9 |
| PCAS | Casimio, Conde | 26.77 284 | eP | 06 26 34.8 +1.4 |
| PCVCE | Castro Verde | 26.89 278 | eP | 06 26 35.6 +1.2 |
| PBDV | Barranco-do-Ve | 26.89 277 | eP | 06 26 35.9 +1.4 |
| MESJ | Messejana | 26.98 279 | eP | 06 26 35.6 +0.4 |
| MESJ | comp-Z,5.2nm,1.4s | AMB | AMB | 06 26 40.0 |
| NSS | Namsos | 27.03 346 | eP | 06 26 35.5 +0.1 |
| PSBE | So Bento | 27.09 283 | eP | 06 26 37.9 +1.7 |
| PNCL | Nicolaou, Gran | 27.16 279 | eP | 06 26 38.3 +1.5 |
| TZR | Tazzarine | 27.26 263 | P | 06 26 40.1 +2.2 |
| TZR | SNR=14 | P | P | |
| PTEO | Sao Teotonio | 27.43 278 | eP | 06 26 40.9 +1.6 |
| ARU | Arti | 27.57 40 | P | 06 26 41.6 +1.3 |
| ARU | comp-Z,2.2nm,0.2s,baz=246,slow=7.0,SNR=9.1 | LR | LR | 06 37 39.0 |
| ARU | Arti | 27.57 40 | P | 06 26 39.8 -0.6 |
| ARU | comp-Z,2.284nm,21.4s,baz=232,slow=36 | P | P | 06 29 54.5 |
| ARU | Arti | 27.57 40 | P | 06 31 21.9 +1.4 |
| ARU | comp-Z,1.1nm,1.2s | S | S | |
| ARU | comp-Z,3.84nm,11.0s | Pmax | Pmax | |
| ARU | Arti | 27.57 40 | P | 06 26 39.4 -1.0 |
| PFVI | Vila Bisbo | 27.61 277 | eP | 06 26 43.2 +2.3 |
| BANOM | Banah | 28.31 108 | P | 06 26 48.6 +1.3 |
| NAZ | Nawza, Dubai | 28.38 111 | iP | 06 26 49.9 +2.0 |
| FAQ | Al Faqa, Dubai | 28.48 111 | P | 06 26 50.3 +1.6 |
| MSFE | Esma-Masafi | 28.53 109 | iP | 06 26 50.8 +1.5 |
| MDH | SNR=9.4 | 28.67 109 | iP | 06 26 51.7 +1.3 |
| MDH | Nadha | SNR=7.4 | P | |
| SVE | Sverdlovsk | 28.78 40 | eS | 06 26 52.4 +1.3 |
| SVE | comp-Z,2.5nm,1.3s | Pmax | Pmax | 06 31 42.1 +2.6 |
| SVE | comp-Z,2.25nm,1.3s | MLR | MLR | |
| UOSS | Minazif | 28.81 110 | iP | 06 26 52.8 +1.2 |
| UOSS | SNR=11 | P | P | |
| UOSS | Minazif | 28.81 110 | P | 06 26 51.7 0.0 |
| UOSS | comp-Z,2.4nm,0.8s | IAMB | IAMB | 06 26 53.6 |
| HATD | Hatta, Dubai | 28.82 110 | iP | 06 26 53.1 +1.3 |
| HATD | SNR=12 | P | P | |
| ASHO | Ashiyah | 28.85 111 | iP | 06 26 53.3 +1.1 |
| ALNE | Al Ain | 29.01 112 | P | 06 26 55.3 +1.8 |
| APA | Apatity | 29.01 61 | iP | 06 26 57.4 +4.4 |
| APA | comp-Z,1.1nm,0.8s | Pmax | Pmax | |
| APA | Dhamar | 29.01 142 | P | 06 26 52.9 -1.0 |
| DAMY | Herat | 29.09 108 | P | 06 26 54.0 -0.3 |
| FAUS | Fauske | 29.20 351 | eP | 06 26 55.0 +0.3 |
| SOHO | SOHO | 29.53 111 | iP | 06 26 59.4 +1.4 |
| KTK1 | Kautokeino | 30.23 358 | eP | 06 27 04.1 +0.3 |
| ARCES | ARCES Array B | 30.71 359 | P | 06 27 09.2 +1.1 |
| ARCES | comp-Z,4.4nm,0.9s,baz=150,slow=5.2,SNR=4.5 | LR | LR | 06 39 39.4 |
| BRVK | Borovyoye | 33.14 50 | eP | 06 27 30.0 +0.4 |
| BRVK | comp-Z,2.9nm,1.2s | Pmax | Pmax | |
| BRVK | Borovyoye | 33.14 50 | P | 06 27 30.2 +0.6 |
| BVAR | Borovyoye Array | 33.20 50 | P | 06 27 31.7 +1.6 |
| BVAR | comp-Z,1.4nm,0.7s,baz=349,slow=20,SNR=4.7 | P | P | |
| CHGR | Chuyangaron | 33.21 77 | P | 06 27 31.4 +0.9 |
| CHGR | comp-Z,1.4nm,0.7s | IAMB | IAMB | 06 27 47.9 |
| KK31 | Karatay Array | 33.36 68 | iP | 06 27 32.5 +0.8 |
| KK31 | comp-Z,2.0nm,0.7s | Pmax | Pmax | |
| KK31 | Karatay Array | 33.36 68 | P | 06 27 32.5 +0.8 |
| KKAR | Karatay Array | 33.36 68 | P | 06 27 31.9 +0.2 |
| KKAR | comp-Z,2.0nm,1.2s | Pmax | Pmax | |
| KKAR | Karatay Array | 33.36 68 | P | 06 27 31.9 +0.2 |
| TOAO | Torodi Ar. Sit | 33.63 227 | P | 06 27 34.7 +0.5 |
| TOAO | comp-Z,1.3nm,0.7s | IAMB | IAMB | 06 27 53.3 |
| TORD | Torodi Ar. Bea | 33.63 227 | P | 06 27 35.0 +0.8 |
| TORD | comp-Z,1.7nm,0.6s,baz=34,slow=9.4,SNR=5.0 | P | P | |
| TORD | comp-Z,2.8nm,0.7s,baz=35,slow=2.3,SNR=4.9 | PcP | PcP | 06 30 15.0 +0.8 |
| GAR | Garm | 34.00 76 | P | 06 27 36.4 -1.0 |
| GAR | comp-Z,1.9nm,0.8s | IAMB | IAMB | 06 29 05.7 |
| BTK | Batken | 34.13 74 | P | 06 27 38.0 -0.5 |
| BTK | comp-Z,5.0nm,1.1s | Pmax | Pmax | |
| BRZS | Berezni | 34.13 74 | eP | 06 27 38.0 -0.5 |
| BRZS | comp-Z,1.8nm,0.9s,baz=56 | eS | S | 06 33 10.0 +2.3 |
| BRZS | Berezni | 34.42 56 | eP | 06 27 41.1 +0.3 |
| BRZS | comp-Z,2.0nm,0.9s | Pmax | Pmax | |
| BRZS | Berezni | 34.42 56 | eS | 06 27 41.1 +0.3 |
| BRZS | comp-Z,2.2nm,0.9s | Pmax | Pmax | |
| BTL | Baital | 35.63 64 | eP | 06 27 51.8 +0.5 |
| BTL | comp-Z,2.2nm,0.9s | Pmax | Pmax | |
| BTL | Baital | 35.63 64 | eP | 06 27 51.7 +0.5 |
| KOWA | Kowa | 36.08 236 | P | 06 27 56.8 +1.4 |
| KOWA | comp-Z,6.9nm,0.6s,baz=36,slow=8.5,SNR=25 | PcP | PcP | 06 30 22.4 +1.1 |
| KOWA | Kowa | 36.08 236 | P | 06 27 54.4 -0.9 |
| SOOCRA | Socotra | 36.23 100 | P | 06 27 54.9 +1.9 |
| AAK | Ala-Archa | 36.32 68 | P | 06 27 53.3 +1.4 |
| AAK | comp-Z,5.2nm,0.8s,baz=227,slow=4.6,SNR=7.9 | PcP | PcP | 06 30 23.3 +1.4 |
| AAK | Ala-Archa | 36.32 68 | eP | 06 27 58.6 +1.2 |
| AAK | comp-Z,3.3nm,0.7s,baz=198,slow=3.5,SNR=3.7 | Pmax | Pmax | |
| AAK | Ala-Archa | 36.32 68 | P | 06 27 57.1 -0.3 |
| FRU1 | Bishkek | 36.39 68 | P | 06 43 11.7 |
| FRU1 | comp-Z,2.94nm,19.0s | IAMS_20 | IAMS_20 | 06 26 06.9 +0.3 |
| KUU | Kury | 37.42 66 | eP | 06 28 06.9 +0.3 |
| KUU | SNR=66 | P | P | |
| KUU | Kury | 37.42 66 | eP | 06 28 09.0 -1.8 |
| NIL | Nilore | 37.90 83 | P | 06 28 09.0 -1.8 |
| NIL | comp-Z,1.7nm,0.7s | Pmax | Pmax | |
| NIL | Nilore | 37.90 83 | P | 06 28 09.0 -1.8 |
| NIL | comp-Z,1.7nm,0.7s | IAMB | IAMB | 06 28 12.9 |
| MDOK | Medeo | 38.06 67 | eP | 06 28 12.7 +0.4 |
| MDOK | baz=67 | P | P | |
| MDOK | Medeo | 38.06 67 | eP | 06 28 12.6 +0.4 |
| KSH | Kashi | 38.12 73 | P | 06 28 12.9 +0.3 |
| KSH | comp-Z,1.10nm,6.4s | P | P | 06 28 18.9 +0.1 |
| KSH | Kash | 38.12 73 | P | 06 34 00.2 -4.5 |
| KSH | comp-Z,6.0nm,1.1s | Pmax | Pmax | |
| KURBB | Kurchatov Arra | 38.16 55 | P | 06 28 13.5 +0.8 |
| KURBB | comp-Z,1.18nm,0.8s,baz=280,slow=8.7,SNR=61 | P | P | 06 30 28.1 +1.1 |
| KURBB | Kurchatov Arra | 38.16 55 | P | 06 28 13.0 +0.3 |
| KURBB | comp-Z,5.4nm,0.9s,baz=270,slow=3.8,SNR=7.6 | PcP | PcP | 06 28 14.0 +0.9 |
| KURK | Kurchatov | 38.21 54 | eP | 06 28 13.0 -0.1 |
| KURK | comp-Z,3.0nm,1.0s | Pmax | Pmax | 06 28 21.4 |
| KURK | Kurchatov | 38.21 54 | P | 06 28 13.0 -0.1 |
| KURK | comp-Z,1.6nm,0.9s | IAMB | IAMB | 06 45 50.9 |
| KURK | comp-Z,1.6nm,0.9s | IAMS_20 | IAMS_20 | 06 45 50.9 |
| SATY | Saty | 39.06 67 | eP | 06 28 21.7 +1.1 |
| SATY | comp-Z,3.0nm,0.9s,baz=67 | P | P | 06 28 21.6 +1.1 |
| SATY | Saty | 39.06 67 | eP | 06 28 22.0 +0.5 |
| SATY | comp-Z,3.0nm,0.9s | Pmax | Pmax | |
| KPKS | Kokpek | 39.17 66 | eP | 06 28 21.9 +0.5 |
| KPKS | baz=66 | P | P | 06 28 22.7 +0.4 |
| SEM | Semipalatinsk | 39.27 55 | eP | 06 28 22.6 +0.4 |
| SEM | comp-Z,3.2nm,0.9s,baz=55 | P | P | 06 28 22.6 +0.4 |
| SEM | Semipalatinsk | 39.27 55 | eP | 06 28 24.3 +0.2 |
| SEM | comp-Z,3.0nm,0.9s | Pmax | Pmax | |
| UZB | Uzymbulak | 39.48 66 | eP | 06 28 24.3 +0.2 |
| UZB | baz=66 | P | P | 06 28 24.3 +0.2 |
| UZB | Uzymbulak | 39.48 66 | eP | 06 28 26.4 +1.9 |
| MBAR | Mbarara | 39.51 173 | P | 06 28 26.5 +2.0 |
| MBAR | comp-Z,5.7nm,0.2s,baz=336,slow=14,SNR=13 | P | P | 06 28 23.4 -1.1 |
| MBAR | Mbarara | 39.51 173 | P | 06 28 29.7 -0.7 |
| MBAR | comp-Z,6.0nm,0.8s | Pmax | Pmax | 06 28 29.8 +3.1 |
| MBAR | Mbarara | 39.51 173 | P | 06 28 29.7 +3.1 |
| SHLS | Shalkode | 39.79 66 | eP | 06 28 28.4 -1.2 |
| SHLS | comp-Z,2.0nm,0.9s | Pmax | Pmax | |
| SCO | Scoresbysund | 40.22 337 | P | 06 28 28.4 -1.2 |
| SCO | comp-Z,1.4nm,0.9s | Pmax | Pmax | 06 28 32.0 +2.4 |
| SCO | Scoresbysund | 40.22 337 | P | 06 28 32.0 +2.4 |
| SCO | Scoresbysund | 40.22 337 | P | 06 28 32.0 +2.4 |
| SKC1 | Makanchi Array | 41.06 60 | iP | 06 28 37.0 +0.1 |
| SKC1 | comp-Z,10.0nm,0.7s | Pmax | Pmax | 06 28 36.4 -0.5 |
| MK31 | Makanchi Array | 41.06 60 | P | 06 28 37.7 +0.8 |
| MKAR | Makanchi Array | 41.06 60 | P | 06 30 37.0 +0.5 |
| MKAR | comp-Z,1.1nm,0.6s,baz=280,slow=6.7,SNR=41 | PcP | PcP | 06 47 41.5 |
| MKAR | comp-Z,3.9nm,0.8s,baz=294,slow=3.9,SNR=3.7 | LR | LR | 06 48 00.9 |
| DBG | Daneborg | 41.59 343 | eP | 06 28 42.4 +1.4 |
| ZAAO | Zalesovo Array | 41.84 49 | P | 06 28 42.2 -0.9 |
| ZALV | Zalesovo Beam | 41.84 49 | P | 06 28 43.9 +0.7 |
| ZALV | comp-Z,9.8nm,0.7s,baz=268,slow=8.9,SNR=26 | LR | LR | 06 51 11.1 |
| ZALV | comp-Z,1.31nm,18.1s,baz=274,slow=44 | LR | LR | 06 28 50.7 +0.6 |
| DBIC | Dimbokro | 42.63 229 | P | 06 28 42.5 +0.5 |
| DBIC | comp-Z,5.6nm,0.5s,baz=18,slow=8.9,SNR=16 | PcP | PcP | 06 48 00.9 |
| DBIC | comp-Z,6.8nm,0.8s,baz=1.9,slow=5.6,SNR=3.1 | LR | LR | 06 28 48.2 -1.9 |
| DBIC | comp-Z,1.54nm,18.7s,baz=9.0,slow=38 | P | P | |
| DBIC | Dimbokro | 42.63 229 | P | 06 28 48.2 -1.9 |
| DBIC | comp-Z,1.8nm,1.1s | Pmax | Pmax | 06 28 50.0 +0.6 |
| DBIC | Dimbokro | 42.63 229 | P | 06 28 50.0 +0.6 |
| DAG | Danmarks Havn | 42.64 346 | iP | 06 28 50.0 +0.6 |
| DAG | Danmarks Havn | 42.64 346 | iP | 06 28 50.9 +0.8 |
| DAG | Danmarks Havn | 42.64 346 | iP | 06 28 50.9 +0.8 |
| ZSN | Zaisan | 42.67 59 | eP | 06 28 50.9 +0.8 |
| ZSN | comp-Z,2.8nm,0.9s,baz=59 | Pmax | Pmax | 06 28 50.9 +0.8 |
| ZSN | Zaisan | 42.67 59 | eP | 06 28 51.3 +0.3 |
| TIC | Toumoudi | 42.75 229 | eP | 06 28 52.0 +0.5 |
| KIC | Kosan Boka | 42.81 229 | eP | 06 28 54.2 +0.4 |
| KIC | comp-Z,1.9nm,0.7s | Pmax | Pmax | 06 29 01.8 +1.3 |
| LIC | Lamto | 43.09 229 | eP | 06 29 01.8 +1.3 |
| LIC | comp-Z,2.5nm,0.5s | Pmax | Pmax | 06 29 03.0 +1.4 |
| DGZ | Jazzator, Alta | 43.95 55 | iP | 06 29 03.0 +1.4 |
| DGZ | comp-Z,10.0nm,0.6s | Pmax | Pmax | 06 49 05.6 |
| NRIK | Nori'sk | 44.14 27 | P | 06 29 03.0 +1.4 |
| NRIK | comp-Z,3.6nm,0.5s,baz=248,slow=4.8,SNR=6.8 | LR | LR | 06 29 03.0 +1.4 |
| NRIK | Nori'sk | 44.14 27 | eP | 06 29 03.0 +1.4 |
| NRIK | comp-Z,2.76nm,21.3s,baz=208,slow=38 | LR | LR | 06 29 03.0 +1.4 |
| NRIK | Nori'sk | 44.14 27 | | |

6d 7h

Table of station data for 6d 7h, including station names, coordinates, and various parameters like M24K, PETK, SKT, etc.

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Table of station data for 2014 DEC, including station names, coordinates, and various parameters like TXAR, TMTI, INTI, etc.

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Table of station data for 242, including station names, coordinates, and various parameters like ZAAO, ZAAO, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Balya, Gvikeada, GCAM, Gvzelcam!, etc.

ANF 06 07:04:22.4-0.5, 36.75N-98.08W, h5km, ML4.0/8, Error ellipse: s-maj=7.0km s-min=6.3km az=87.0

TUL 06 07:04:22.1-1.1, 36.76N-0.01-98.05W, 0.2, h6km, 7km, ML3.2, Error ellipse: s-maj=2.2km s-min=1.7km az=104.0

NEIC 06 07:04:22.4-0.7, 36.743N-0.007-98.04W, 0.2, h5km, 2km, Error ellipse: s-maj=3.0km s-min=2.6km az=107.0

ISC 06 07:04:22.5-1.1, 36.74N-0.002-98.04W, 0.03, h5km, 10km, n42, c0945/59, Oklahoma

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Grant County #, Manchester OK, Carrier, etc.

ISC 06 07:16:24.5-3.1, 4.22N-94.33E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.5/28, mbtmp3.5/4, ML4.4/1, MS3.3/1, MS1 3.3/1, ms-1mx=26.5km az=81.0, Off west coast of northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Chiang Mai Arr, Diego Garcia H, etc.

ISC 06 07:16:49.6, 35.73N-31.55E, h17km, ML2.6/13, ISC 06 07:16:56.2-0.0, 35.90N-32.22E, h4km, 3km, ML1.1/3

DDA 06 07:16:58.6, 36.24N-31.83E, h15km, 4km, ML1.7, ISC 06 07:16:52.1-1.2, 35.88N-0.003-31.65E, 0.03, h25km, 14km, n07, c1544/7, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Gazipasa, Antalya-Kepez, Akamas, etc.

ISC 06 07:40:18.5-1.1, 45.36S-81.84W, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/19, mbtmp3.9/8, ML3.6/1, MS3.5/6, Ms1 3.5/6, ms1mx3.2/16, Error ellipse: s-maj=36.3km s-min=26.5km az=103.0

ISC 06 07:40:24.5-1.1, 44.55S-0.2-81.0W, 0.2, h10km, n17, c1844/10, mb3.7/7, MS3.5/5, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Paso Flores, Juan Fernandez, etc.

ISC 06 08:06:46.1-0.9, 7.039S-64.38E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/15, mbtmp3.8/6, ML3.3/1, Error ellipse: s-maj=25.8km s-min=22.4km az=68.0

NEIC 06 08:06:47.0-0.8, 7.041S-0.08-64.38E, 0.1, h15km, 5km, mb4.1/5, Error ellipse: s-maj=27.8km s-min=10.3km az=81.0

AWI 06 08:06:50.7, 7.016S-63.78E, ISC 06 08:06:47.2-0.7, 7.038S-0.06-64.13E, 0.09, h10km, n20,

c1524/24, mb3.9/4, 1C, Antarctica

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

HEL 06 08:30:07.9-0.1, 67.83N-20.23E, h0km, ML2.2, ML2.2(UPP), Explosion

ISC 06 08:30:02.0-0.9, 67.80N-20.38E, h0km, mb1 3.7/4, mb1mx3.5/8, mbtmp3.7/4, ML2.0/4, Error ellipse: s-maj=18.5km s-min=8.3km az=114.0

ISC 06 08:07:10.1-0.8, 67.80N-0.02-20.21E, 0.02, h0km, n29, c1520/46, Sweden

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

ISC 06 08:36:45.6-1.0, 39.84N-26.27E, h0km, mb3.5/6, mb1 3.8/10, mb1mx3.6/47, mbtmp3.6/10, ML3.7/4, MS3.0/1, Ms1 3.0/1, ms1mx2.2/38, Error ellipse: s-maj=17.1km s-min=16.0km az=119.0

ISC 06 08:36:46.9, 38.89N-26.24E, h14km, ML4.0/31, ATH 06 08:36:46.5, 38.89N-26.26E, h30km, 1km, ML3.7/13, Error ellipse: s-maj=1.6km s-min=0.8km az=84.0

NEIC 06 08:36:46.8, 38.90N-26.23E, h12km, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, M=5.62; Mw=4.81; M0=0.81; M1=0.59; M2=1.72; M3=1.29; Fault plane solution: Ms=7.100x10^14, NP1=277.630000, 847.010000, 1-107.910000. NP2=122.990000, 845.890000, 1-71.740000. Principal axes: T=5.4483, P1=0.0000, Azm=20.0000, N=0.4964, P1g3.0000, Azm=290.0000, P=5.9448, P1g7.0000, Azm13.0000;

NEIC 06 08:36:47.5-2.3, 38.87N-0.04-26.29E, 0.05, h10km, 2km, Error ellipse: s-maj=6.9km s-min=6.9km az=264.0

THE 06 08:36:47.8, 38.89N-26.23E, h10km, ML3.6/15, Error ellipse: s-maj=0.9km s-min=0.4km az=76.0

DDA 06 08:36:48.0, 38.91N-26.25E, h8km, 1km, ML4.1, ISC 06 08:36:48.8-1.1, 38.88N-0.02-26.26E, 0.02, h8km, 8km, n219, c074/253, mb3.5/6, 16C-15D, Aegean Sea

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

ISC 06 08:36:46.1-0.9, 7.039S-64.38E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/15, mbtmp3.8/6, ML3.3/1, Error ellipse: s-maj=25.8km s-min=22.4km az=68.0

6d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PMAFR, PNCL, MESJ, PCVE, PBDV, PSBE, PVAQ, EVO, PMTG, EGRO, PESTR, PCAS, PCBR, PVIS, ESPR, POLO, ECAB, EZAM, PGAV, ELOB, MVO, EADA, EMAZ, PBRG, ECAL, ECAL, EAGO, EPON.

JMA 06 10:01:58.9-0.1, 22.34N-121.79E, h25km, M3.4
TAP 06 10:01:58.5, 22.26N-121.73E, h28km, ML3.4, D
ISC 06 10:01:58.0-1.1, 22.25N-121.76E-0.03, h25km, gkm, n94, r1500/172, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like LAY, LDUT, TTN, TAW, ECL.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EDH, TWGBT, TWG, TWG, EAST, TSEB, LONT, LONT, SLIU, CHKT, CHKT, TWKBT, TWK1, TWK1, HEN, HEN, SNW, SNW, FULB, FULB, SCZT, SCZT, MASBT, MASBT, TSMG, TSMG, SSPT, SSPT, SSD, SSD, ELDTW, ELDTW, EYUL, EYUL, TW1, TW1, YULB, YULB, YULB, YULB, SLGT, SLGT, HSGT, HSGT, HGSD, HGSD, WLCH, WLCH, STYT, STYT, EHY, EHY, SCST, SCST, SCST, SCST, TWMT, TWMT, SGST, SGST, SGST, SGST, KAU, KAU, SNJT, SNJT, EGFH, EGFH, EGFH, EGFH, WTP, WTP, WTP, WTP, CHN1, CHN1, CHN1, CHN1, TPUB, TPUB, TPUB, TPUB, SNST, SNST, SNST, SNST, CHN3, CHN3, ALS, ALS, ALS, ALS, TWK, TWK, TWK, TWK, CHN5, CHN5, CHN5, CHN5, SSSL, SSSL, SSSL, SSSL, HWA, HWA, CHY, CHY.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ICHU, OWD, CHN8, WGK, SMLT, SMLT, WLGGB, WDLH, WDLH, TWD, TWD, WJS, WJS, TYC, TYC, CHGB, CHGB, WNT, WNT, WTK, WTK, WTK, WTK, NACB, NACB, WHF, WHF, WHF, WHF, ETLL, ETLL, ETLL, ETLL, FUSS, FUSS, FUSS, FUSS, RLNB, RLNB, WHP, WHP, WHP, WHP, ENA, ENA, ENA, ENA, WDG, WDG, WDG, WDG, NNSB, NNSB, NNSB, NNSB, NNSH, NNSH, NNS, NNS, TWQ1, TWQ1, TWQ1, TWQ1, WDJ, WDJ, WDJ, WDJ, NSY, NSY, NSY, NSY, TWC, TWC, TWC, TWC, VCHM, VCHM, VCHM, VCHM, VCHM, VCHM, NDT, NDT, NDT, NDT, PHUB, PHUB, PHUB, PHUB, PHUB, PHUB, PNG, PNG, PNG, PNG, YHNB, YHNB, YHNB, YHNB, YHNB, YHNB, NSK, NSK, NSK, NSK, YJNG, YJNG, YJNG, YJNG, NSTT, NSTT, NSTT, NSTT, LIOB, LIOB, LIOB, LIOB, LIOB, LIOB, NWLT, NWLT, NWLT, NWLT, NWLT, NWLT, HATJ, HATJ, HATJ, HATJ, IRIF, IRIF, IRIF, IRIF, JKRIS, JKRIS, JKRIS, JKRIS, JIJ, JIJ, JIJ, JIJ, JISG, JISG, JISG, JISG, JISG, JISG, Tarama, Tarama, Tarama, Tarama, Tarama, Tarama.

IDC 06 10:02:05.8-7.8, 22.18N-144.79E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/36, mbtmp3.6/5, MS2.9/1, Ms1 2.9/1, ms1mx2.5/39, Error ellipse: s-maj=309.1km s-min=22.8km az=77.0, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, KSRS, SONM.

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6d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NDI New Delhi, MYKOM Kota Tinggi, SBSI Sibolga, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNY comp=Z,18um,20.8s, TPI comp=Z,1.1um,20.6s, SATY Saty, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, AAK Bishkek, FRU1 Bishkek, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZALV, SPSI, PWJI, USA0B, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ERM, ERM, BANOM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GIRL, KNRA, MAK, etc.

6d 10h

Table with columns: ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like WRRM, WR4, WR5, etc.

2014 DEC

Table with columns: ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like TPGR, TIRR, TCFR, etc.

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Table with columns: ID, Name, Frequency, Band, Mode, Power, etc. Includes stations like PSZ, PSZ, PSZ, etc.

| | | | | | | | | | |
|-------|-----------------|-----------|---------|---------|-----|-----|------------|------|--|
| PVCC | Panska Ves | 69.83 317 | eP | P | AMS | AMS | 10 31 13.0 | +0.5 | |
| RUE | Ruedersdorf | 69.90 319 | eP | P | | | 10 31 12.9 | +0.1 | |
| ARSA | Arzberg | 69.94 314 | iP | P | | | 10 31 12.7 | -0.5 | |
| PRU | Pruhonice | 69.97 317 | eP | P | | | 10 31 13.6 | +0.2 | |
| OSL | Oslo | 70.00 328 | eP | P | | | 10 31 13.9 | +0.6 | |
| BRG | Berggiesshubel | 70.15 318 | iP | P | | | 10 31 14.2 | -0.2 | |
| BRG | Berggiesshubel | 70.15 318 | eP | P | | | 10 31 14.6 | +0.1 | |
| CRES | Cresnjevi | 70.34 330 | eP | P | | | 10 31 17.6 | +0.2 | |
| DOMB | Dombas | 70.34 330 | eP | P | | | 10 31 17.6 | +0.2 | |
| FRIB | Frühbrunn | 70.38 317 | eP | P | | | 10 31 17.7 | -0.7 | |
| SOKA | Sobernitz | 70.39 313 | eP | P | | | 10 31 17.7 | -0.5 | |
| FBE | Freiberg | 70.50 318 | eP | P | | | 10 31 16.7 | +0.1 | |
| BOJS | Bojanci | 70.52 312 | eP | P | | | 10 31 16.6 | -0.3 | |
| KONO | Kongsberg | 70.62 327 | eP | P | | | 10 31 17.1 | 0.0 | |
| KONO | Kongsberg | 70.62 327 | eP | P | | | 10 31 17.0 | +0.9 | |
| COLL | Collim | 70.63 318 | iP | P | | | 10 31 17.1 | -0.3 | |
| CLL | Collim | 70.63 318 | eP | P | | | 10 31 17.4 | 0.0 | |
| CLL | Collim | 70.63 318 | eP | P | | | 10 31 17.0 | -0.4 | |
| CLL | Collim | 70.63 318 | eP | P | | | 10 31 21.0 | | |
| MOA | Molin | 70.63 315 | iP | P | | | 10 31 17.0 | -0.5 | |
| MATE | Matera | 70.67 307 | iP | P | | | 10 31 16.9 | -0.9 | |
| OBKA | Obir | 70.76 313 | eP | P | | | 10 31 17.7 | -0.7 | |
| GE2C | GERESS Array S | 70.76 316 | eP | P | | | 10 31 18.1 | -0.3 | |
| GERES | GERESS Array B | 70.76 316 | eP | P | | | 10 31 18.6 | +0.2 | |
| GERES | GERESS Array B | 70.76 316 | eP | P | | | 10 31 18.4 | +0.1 | |
| KHC | Kasperke Hory | 70.78 316 | eP | P | | | 10 31 18.6 | +0.2 | |
| KHC | Kasperke Hory | 70.78 316 | eP | P | | | 10 31 18.4 | 0.0 | |
| KHC | Kasperke Hory | 70.78 316 | eP | P | | | 10 31 20.7 | +0.1 | |
| KHC | Kasperke Hory | 70.78 316 | eP | P | | | 10 31 17.9 | -0.5 | |
| KHC | Kasperke Hory | 70.78 316 | eP | P | | | 10 31 18.7 | -0.4 | |
| LJU | Ljubljana | 70.89 313 | iP | P | | | 10 31 18.3 | -0.8 | |
| LJU | Ljubljana | 70.89 313 | iP | P | | | 10 31 22.0 | | |
| ANM | Nome | 70.94 27 | IAMS_20 | IAMS_20 | | | 11 06 21.6 | | |
| GBAS | Gorenja Brezova | 71.00 305 | P | P | | | 10 31 19.1 | -0.5 | |
| TIP | Timpagrande | 71.00 305 | P | P | | | 10 31 18.6 | -1.4 | |
| SKAR | Skarstia | 71.01 329 | eP | P | | | 10 31 20.1 | +0.5 | |
| CEY | Cerknica | 71.01 312 | iP | P | | | 10 31 20.9 | +0.1 | |
| TANN | Tannenberghtha | 71.22 316 | eP | P | | | 10 31 21.0 | -0.1 | |
| WET | Wetzell | 71.22 316 | eP | P | | | 10 31 21.1 | 0.0 | |
| NKC | Novy Kostel | 71.22 317 | eP | P | | | 10 31 21.1 | 0.0 | |
| NKC | Novy Kostel | 71.22 317 | eP | P | | | 10 31 21.1 | 0.0 | |
| NKC | Novy Kostel | 71.22 317 | eP | P | | | 10 31 21.1 | 0.0 | |
| WERN | Wernitzgruen | 71.26 317 | eP | P | | | 10 31 21.2 | -0.1 | |
| WERD | Werde | 71.26 318 | eP | P | | | 10 31 21.4 | +0.1 | |
| GUNZ | Gunzen | 71.27 317 | eP | P | | | 10 31 21.4 | +0.1 | |
| MYKA | Terra Mystica | 71.34 313 | eP | P | | | 10 31 20.1 | -1.8 | |
| NEUB | Neuenburg | 71.40 318 | eP | P | | | 10 31 22.0 | 0.0 | |
| KBA | Koelnbreinsper | 71.42 314 | iP | P | | | 10 31 22.1 | -0.4 | |
| TRI | Trieste | 71.48 312 | P | P | | | 10 31 22.3 | -0.4 | |
| TRI | Trieste | 71.48 312 | P | P | | | 10 31 22.3 | -0.4 | |
| ROTZ | Rotzenmuhle | 71.49 317 | eP | P | | | 10 31 22.6 | 0.0 | |
| MANZ | Manzenberg | 71.50 317 | eP | P | | | 10 31 23.0 | +0.3 | |
| ROBS | Robic | 71.52 313 | eP | P | | | 10 31 21.7 | -1.1 | |
| BSEG | Bad Segeberg | 71.59 321 | eP | P | | | 10 31 23.8 | +0.3 | |
| MUD | Monsted Ugrnd | 71.60 324 | iP | P | | | 10 31 21.6 | -1.5 | |
| MUD | Monsted Ugrnd | 71.60 324 | iP | P | | | 10 31 21.6 | -1.5 | |
| MOX | Moxa | 71.64 318 | eP | P | | | 11 05 27.5 | | |
| MBAR | Mbarara | 71.71 261 | eP | P | | | 10 31 24.9 | +0.1 | |
| MBAR | Mbarara | 71.71 261 | P | P | | | 10 31 24.4 | -0.4 | |
| MBAR | Mbarara | 71.71 261 | P | P | | | 10 31 24.9 | +0.1 | |
| ZOU | Zoufplan | 71.80 313 | P | P | | | 10 31 24.9 | +0.1 | |
| ASSE | Asse, Remlinge | 71.84 320 | eP | P | | | 10 31 24.9 | +0.3 | |
| STAL | Staligial | 72.05 313 | P | P | | | 10 31 24.8 | -1.4 | |

| | | | | | | | | | |
|-------|----------------|-----------|---------|---------|--|--|------------|------|--|
| ABTA | Abfaltersbach | 72.06 314 | eP | P | | | 10 31 25.1 | -1.2 | |
| NRDL | Niedersach Rie | 72.08 320 | eP | P | | | 10 31 26.5 | +0.5 | |
| CLZ | Clausthal | 72.09 319 | eP | P | | | 10 31 26.4 | +0.1 | |
| GRA1 | Grafenberg Arr | 72.13 317 | P | P | | | 10 31 27.7 | +1.2 | |
| GRF | Grafenberg Arr | 72.13 317 | P | P | | | 10 31 27.7 | +1.2 | |
| GRF | Grafenberg Arr | 72.13 317 | eP | P | | | 10 31 26.4 | -0.1 | |
| A21K | Barrow | 72.13 19 | P | P | | | 10 31 25.8 | -0.3 | |
| A21K | Barrow | 72.13 19 | P | P | | | 10 31 26.2 | +0.1 | |
| A21K | Barrow | 72.13 19 | P | P | | | 10 31 31.1 | | |
| BLS5 | Blasjo | 72.23 328 | eP | P | | | 10 31 27.3 | +0.4 | |
| INTR | Introdacqua | 72.35 309 | P | P | | | 10 31 28.2 | +0.1 | |
| FUR | Furstenfeldbru | 72.50 315 | eP | P | | | 10 31 28.4 | -0.3 | |
| WTTA | Wattenberg | 72.50 314 | eP | P | | | 10 31 27.8 | -1.2 | |
| WATA | Walderalm | 72.52 315 | iP | P | | | 10 31 27.7 | -1.4 | |
| ARMA | Armidaale | 72.54 135 | eP | P | | | 10 31 30.7 | +1.5 | |
| UBBA | Unterbrunnbach | 72.58 318 | eP | P | | | 10 31 29.2 | +0.2 | |
| AQU | L'Aquila | 72.62 309 | P | P | | | 10 31 29.5 | -0.1 | |
| AQU | L'Aquila | 72.62 309 | iP | P | | | 10 31 28.7 | -0.9 | |
| AQU | L'Aquila | 72.62 309 | P | P | | | 10 31 29.5 | -0.1 | |
| NRCA | Norcia | 72.69 310 | P | P | | | 10 31 29.3 | -0.7 | |
| NRCA | Norcia | 72.69 310 | P | P | | | 10 31 29.4 | -1.3 | |
| SQTA | Sankt Quintin | 72.79 314 | iP | P | | | 10 31 30.4 | -0.4 | |
| CTI | Castel Tesino | 72.82 313 | P | P | | | 10 31 30.4 | -0.4 | |
| CTI | Castel Tesino | 72.82 313 | P | P | | | 10 31 30.4 | -0.4 | |
| CTI | Castel Tesino | 72.82 313 | P | P | | | 10 31 33.8 | | |
| MOTA | Moosalm | 72.83 315 | iP | P | | | 10 31 29.8 | -1.1 | |
| MURB | Monte Urbino | 72.99 310 | P | P | | | 10 31 31.8 | 0.0 | |
| TEOL | Teolano | 73.00 313 | P | P | | | 10 31 31.3 | -0.4 | |
| RETA | Reutte | 73.01 315 | iP | P | | | 10 31 31.3 | -0.5 | |
| FETA | Feichten | 73.16 314 | iP | P | | | 10 31 32.0 | -0.9 | |
| TARA | Tarawa | 73.33 96 | IAMS_20 | IAMS_20 | | | 10 57 23.2 | | |
| UBR | Ueberruh | 73.38 315 | eP | P | | | 10 31 33.6 | -0.5 | |
| IBBN | Ibbenburen | 73.52 320 | eP | P | | | 10 31 34.9 | +0.2 | |
| DAVA | Damuels | 73.64 315 | iP | P | | | 10 31 35.0 | -0.7 | |
| STU | Stuttgart | 73.66 316 | P | P | | | 10 31 35.1 | -0.5 | |
| STU | Stuttgart | 73.66 316 | eP | P | | | 10 31 35.4 | -0.1 | |
| STU | Stuttgart | 73.66 316 | P | P | | | 10 31 35.1 | -0.5 | |
| LATE | Laterza | 73.68 310 | P | P | | | 10 31 37.7 | +1.9 | |
| TNS | Tausun Mts | 73.70 318 | eP | P | | | 10 31 35.9 | 0.0 | |
| DAG | Danmarks Havn | 73.74 348 | iP | P | | | 10 31 33.8 | -1.7 | |
| DAG | Danmarks Havn | 73.74 348 | iP | P | | | 10 31 33.9 | -1.7 | |
| DAG | Danmarks Havn | 73.74 348 | iP | P | | | 10 31 36.9 | +0.6 | |
| ZCCA | Zocca | 73.75 312 | P | P | | | 10 31 35.3 | -1.3 | |
| OSSC | Osservatorio P | 73.81 311 | P | P | | | 10 31 37.1 | +0.1 | |
| TOO | Toolangi | 73.89 144 | P | P | | | 10 31 37.1 | +0.1 | |
| TOO | Toolangi | 73.89 144 | P | P | | | 10 31 37.1 | +0.1 | |
| TOO | Toolangi | 73.89 144 | P | P | | | 10 31 37.1 | +0.1 | |
| BUG | Bochum-Union | 74.06 319 | eP | P | | | 10 31 38.5 | +0.7 | |
| VLC | Villacollemand | 74.22 312 | IAMS_20 | IAMS_20 | | | 11 08 44.2 | | |
| TUE | Tuettia | 74.23 314 | P | P | | | 10 31 38.8 | -0.4 | |
| TUE | Tuettia | 74.23 314 | P | P | | | 10 31 52.5 | | |
| BFO | Black Forest | 74.34 316 | P | P | | | 10 31 38.8 | -0.8 | |
| BFO | Black Forest | 74.34 316 | eP | P | | | 10 31 39.7 | +0.1 | |
| BFO | Black Forest | 74.34 316 | P | P | | | 10 31 38.8 | -0.8 | |
| AHRW | Bad Neuenahr-A | 74.45 319 | eP | P | | | 10 31 40.8 | +0.7 | |
| FALS | Falsch Pass | 74.63 37 | P | P | | | 10 31 46.7 | +0.2 | |
| BTNL | Ternell | 75.01 319 | sP | sP | | | 10 31 46.6 | -0.2 | |
| MEM | Membach | 75.08 319 | sP | sP | | | 10 31 43.6 | -0.5 | |
| ECH | Echery | 75.12 316 | P | P | | | 10 31 43.6 | -0.5 | |
| ECH | Echery | 75.12 316 | P | P | | | 10 31 43.6 | -0.5 | |
| ECH | Echery | 75.12 316 | P | P | | | 10 31 43.6 | -0.5 | |
| WLF | Walferdange | 75.29 318 | P | P | | | 10 31 45.0 | 0.0 | |
| WLF | Walferdange | 75.29 318 | P | P | | | 10 31 45.0 | 0.0 | |
| WLF | Walferdange | 75.29 318 | P | P | | | 10 31 45.2 | +0.2 | |
| WLF | Walferdange | 75.29 318 | P | P | | | 10 31 45.6 | +0.6 | |
| WLF | Walferdange | 75.29 318 | P | P | | | 10 31 45.2 | +0.2 | |
| TTA | Tatalina | 75.40 27 | P | P | | | 10 31 45.6 | +0.2 | |
| TTA | Tatalina | 75.40 27 | P | P | | | 10 31 45.6 | +0.2 | |
| TTA | Tatalina | 75.40 27 | P | P | | | 10 31 45.6 | +0.2 | |
| TOLK | Toolik Lake Re | 75.42 21 | P | P | | | 10 31 44.8 | -0.7 | |
| TOLK | Toolik Lake Re | 75.42 21 | P | P | | | 10 31 44.8 | -0.7 | |
| DBG | Daneborg | 75.46 346 | iP | P | | | 10 31 45.3 | -0.2 | |
| DBG | Daneborg | 75.46 346 | iP | P | | | 10 31 45.3 | -0.2 | |
| BCLA | Clavier | 75.56 319 | P | P | | | 10 31 45.2 | -1.3 | |
| SENIN | Las Senin/Sane | 75.61 314 | P | P | | | 10 31 47.8 | +0.5 | |
| BGES | Gasves | 75.70 319 | P | P | | | 10 31 47.5 | +0.1 | |
| COLD | Coldfoot | 75.85 22 | P | P | | | 10 31 47.5 | -0.4 | |
| COLD | Coldfoot | 75.85 22 | P | P | | | 10 31 47.7 | -0.2 | |
| BMRD | Mareduos | 75.92 319 | P | P | | | 10 31 48.1 | -0.5 | |
| UCC | Uccle | 76.00 319 | IAMS_20 | IAMS_20 | | | 11 07 53.9 | | |
| DOU | Dourbes | 76.10 319 | P | P | | | 10 31 47.9 | -1.8 | |
| SNF | Senefee | 76.15 319 | sP | sP | | | 10 31 50.7 | +0.7 | |
| BNF | Bardonecchia | 76.45 313 | P | P | | | 10 31 52.7 | -0.2 | |
| BNF | Bardonecchia | 76.45 313 | P | P | | | 10 31 50.8 | -1.1 | |
| BNF | Bardonecchia | 76.45 313 | P | P | | | 10 31 50.8 | -1.1 | |

| | | | | | | | | | |
|------------------|----------------|----------|---|---|--|--|------------|------|----|
| comp=Z,44nm,1.1s | | | | | | | | | |
| BNI | Manley | 76.64 24 | P | P | | | 10 31 51.8 | -0.7 | |
| ELUN | Eureka | 76.75 21 | P | P | | | 10 31 53.0 | +0.1 | |
| BPWA | Bear Paw Mtn. | 76.96 25 | P | P | | | 10 31 53.6 | -0.7 | |
| PPLA | Purkypyle | 77.01 27 | P | P | | | 10 31 54.2 | -0.6 | |
| I23K | Minto, Yukon-K | 77.10 24 | P | P | | | 10 31 54.1 | -1.0 | </ |

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GLVR, JRA, JNSB, etc.

NNC 06 10:39:21.3; 9.7, 44.18N; 83.72E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=87.9km s-min=31.9km az=116.0

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DJR, MK31, PDGK, etc.

DDA 06 10:53:51.3; 35.48N; 27.55E, h24km, mb3.0, ML2.8

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KARP, ARG, NISR, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DATC, TURN, ZKR, etc.

IDC 06 11:02:56.8; 0.5, 1.83N; 126.16E, h0km, mb4.4/2.0, mb1.4/2.2, mb1mx4.3/4.3, mbtmp4.3/2.2, ML3.9/2, MS3.4/2, Ms1.3/4.2, ms1mx2.9/3.9, Error ellipse: s-maj=26.1km s-min=11.8km az=75.0

DJA 06 11:03:01.6; 0.9, 2.12N; 127.16E, h19km, mb4.5/1.4, mb5.3/2, mb4.6/1.0, ML4.5/1.4, MW(mb)4.7/2

NEIC 06 11:03:01.3; 1.2, 1.89N; 108.126E; 4.0E; 0.07; h35km, 1km, mb4.6/2.5, Error ellipse: s-maj=15.3km s-min=9.9km az=37.0

BJI 06 11:03:02.3; 0.0, 2.28N; 126.36E, h22km, mb5.1/8, mb4.6/3.2, Ms4.6/2, Ms7.4/3.2

ISC 06 11:03:03.0; 0.4, 1.85N; 104.126E; 4.5E; 0.05; h47km, n89, r152.92, mb4.5/3.8, 3C, Northern Molucca Sea

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TINTI, KMSI, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JAGI, KSM, SMRI, etc.

SOME 06 11:24:57.8; 41.81N; 80.63E, h10km, NNC 06 11:24:59.4; 1.5, 41.83N; 80.51E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=9.5km s-min=8.5km az=143.0

6d 12h

Table with columns: PDGK, Station Name, Time, Res, etc. Includes stations like Podgornoye, Uzunbulak, Saty, Zhnishke, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Ala-Archa, Tokmak 2, Kastek, etc.

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Table with columns: TNSS, DGS, KOTS, KRBS, KTBS, KUBS, KUW, IUG, etc. Includes stations like Degeres, Kotrybulak, Karabastau, etc.

ATH 06 11:38:33.5, 38.89N:26.25E, h29km, 1km, ML2.6/3, Error ellipse: s-maj=3.1km s-min=1.3km az=281.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Paraskvi, Chios Island, etc.

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Table with columns: BALY, GCM, GELI, etc. Includes stations like Balikesir, Tayfur-Gelibol, etc.

IDC 06 11:49:53.6, 1.6, 64.53N:17.79W, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.5/57, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=4.5km s-min=26.0km az=17.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like BORG, SCO, EKA, etc.

IDC 06 11:58:56.0, 2.4, 24.08S:67.02W, h187km, 35km, mb3.5/3, mb1 3.6/7, mb1mx3.4/26, mbtmp4.1/7, Error ellipse: s-maj=4.7, 1km s-min=23.7km az=137.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like LVC, LPAZ, SIV, etc.

DDA 06 12:07:24.4, 40.48N:26.41E, h10km, 3km, ML3.4 ATH 06 12:07:24.5, 40.51N:26.33E, h30km, 1km, ML3.1/10, Error ellipse: s-maj=2.6km s-min=1.0km az=54.0

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like GELI, ERIK, etc.

6d 13h

Table with columns: Code, Station Name, Az, El, P, S, Sg, Pn, Pg, Res, Time, Res, Time, Res. Includes stations like Cactus City, Iron Mountain, Laurel Mtn Rad, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Sg, Pn, Pg, Res, Time, Res, Time, Res. Includes stations like In-Ko-Pah, Catalina Islan, Glamis, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Sg, Pn, Pg, Res, Time, Res, Time, Res. Includes stations like Chios island, Chios island, Chios island, etc.

DDA 06 13:27:12.8, 38.88N-26.30E, h8km, 1km, ML2.4
ISK 06 13:27:12.6, 38.90N-26.26E, h5km, ML2.6/1.4
THE 06 13:27:13.4, 38.90N-26.27E, h6km, 2km, ML2.3/4, Error
ellipse: s-maj=3.0km s-min=0.9km az=329.0

ATH 06 13:27:13.0, 38.88N-26.22E, h18km, 2km, ML2.3/3, Error
ellipse: s-maj=2.9km s-min=1.2km az=69.0
ISC 06 13:27:12.9, 1.0, 38.91N-02.26E, 0.02, h10km, 9km,
n41, c0578/61, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Parakevi, Sigri, Ayyalik, etc.

IDC 06 13:40:20.1, 1.30, 68N:140.77E, h0km, mb3.6/3,
mb1 3.8/4, mb1mx3.5/38, mbtm3.6/4, ML2.8/1, MS2.8/1,
MS1 2.8/1, ms1mx2.2/33, Error ellipse: s-maj=217.2km
s-min=25.9km az=78.0

JMA 06 13:40:24.8, 0.2, 31.68N:142.47E, h68km, M3.6,
i156/112, mb3.7/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Odawara 2, Hanno, Hitachi, etc.

IDC 06 13:48:42.2, 1.1, 10.51S:119.33E, h0km, mb3.8/1,
mb1 3.4/3, mb1mx3.2/30, mbtm3.2/3, ML2.7/2, Error
ellipse: s-maj=77.9km s-min=8.9km az=47.0, Sumba

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

ASAR 0.1nm, 0.3s, baz=304, slow=22, SNR=4.2
MKAR Makanchi Array 65.94 333 P
0.5nm, 0.4s, baz=142, slow=6.7, SNR=8.1

GCG 06 14:24:59.0, 14.71N:92.72W, h35km, 999km, MD.3
NEIC 06 14:24:59.6, 2.7, 14.63N:07.92E, h1W, 0.06, h68km, 6km,
mb4.4/15, MD4.4/15(MEX), Error ellipse: s-maj=11.9km
s-min=6.4km az=217.0

MEX 06 14:24:59.1, 0.7, 14.61N:92.58W, h86km, 9km, MD.5
IDC 06 14:25:01.0, 1.1, 14.69N:92.52W, h73km, 7km, mb3.6/4,
mb1 3.8/8, mb1mx3.6/36, mbtm3.6/8, MS2.9/5, Ms1 2.9/5,
ms1mx2.7/23, Error ellipse: s-maj=35.2km s-min=12.7km
az=43.0

ISC 06 14:24:59.6, 0.7, 14.57N:0.06E, 92.68W, 0.04, h70km, 6km,
n59, c1927/3, mb4.0/9, Near east of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Retalhuleu, Huehuetenango, Comitán, etc.

IDC 06 14:38:49.8, 5.1, 6.52S:126.98E, h406km, 64km, mb3.0/2,
mb1 3.0/5, mb1mx2.7/43, mbtm3.8/5, Error ellipse:
s-maj=96.0km s-min=23.2km az=53.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Manchester OK, ANMO Albuquerque, etc.

ISC 06 14:37:37.1, 7.5, 15.36S:178.87W, h432km, 86km, mb3.3/9,
mb1 3.6/9, mb1mx3.3/39, mbtm3.4/9, Error ellipse:
s-maj=33.1km s-min=2.3km az=179.0

ISC 06 14:37:38.5, 0.9, 15.45S:0.2E, 178.93W, 0.2, h450km, n12,
c0591/12, mb3.7/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Urz Urewera, CTA Charters Tower, etc.

PDAR Pinedale Array 85.84 44 P
0.8nm, 0.5s, baz=209, slow=1.9, SNR=7.6
BRTR Kesinn Array B 146.31 37 P
0.8nm, 1.0s, baz=14, slow=3.0, SNR=2.8

JMA 06 14:38:39.9, 0.1, 38.70N:142.26E, h38km, 1km, M3.9
JMA Fell II J1
NIED 06 14:38:39.9, 38.70N:142.26E, h38km, MW3.8, Moment
Tensor Solution, s3 Moment Tensor, Scale 1014Nm;
Mn:0.69; Mb:1.01; Mw:1.70; Ms:1.80; Mw:0.15; Ms:0.52;
Fault plane solution: M:6.2500x10^14 NP:18, 18.00000;
85.00000; 1.98.00000; NP2:137.00000; 10.00000;
1.30.00000

IDC 06 14:38:41.6, 2.6, 38.70N:142.19E, h51km, 25km, mb3.4/8,
mb1 3.6/11, mb1mx3.4/48, mbtm3.7/11, ML3.4/3, MS2.9/5,
Ms1 2.9/5, ms1mx2.6/35 Error ellipse: s-maj=25.1km
s-min=16.8km az=89.0

ISC 06 14:38:38.6, 2.0, 38.69N:0.05E, 142.38E, 0.07, h27km, 13km,
n33, c184/36, mb3.6/8, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Ofuji, Kesennumototy, Ishinomakikobu, etc.

IDC 06 14:47:47.0, 37.27N:28.70E, h11km, 4km, ML2.6/3, Error
ellipse: s-maj=4.6km s-min=2.0km az=83.0

ISK 06 14:47:46.8, 37.16N:28.79E, h1km, ML2.7/17
DDA 06 14:47:47.1, 37.16N:28.80E, h1km, 3km, ML2.5, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Batı Baunata, Fitzroy Crossi, etc.

ATH 06 14:47:47.0, 37.27N:28.70E, h11km, 4km, ML2.6/3, Error
ellipse: s-maj=4.6km s-min=2.0km az=83.0

ISC 06 14:47:46.8, 37.16N:28.79E, h1km, ML2.7/17
DDA 06 14:47:47.1, 37.16N:28.80E, h1km, 3km, ML2.5, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KOLD Koldanda, GKN Gorkh, etc.

NEIC 06 16:20:16.4z.2.7, 60.72S; 0.09:44.3W; 0.2, h10km, 1km, mb3.4/1.7, Error ellipse: s-maj=18.4km s-min=14.9km az=97.0

IDC 06 16:20:18.2.0.8, 60.50S; 44.14W, h0km, mb4.1/6, mb1.4/1.7, mb1mx4.0/18, mbtmp4.1/7, ML3.4/1, MS3.3/6, Ms1.3/3.6, ms1mx3.1/17, Error ellipse: s-maj=34.7km s-min=20.0km az=48.0

ISC 06 16:20:17.9.0.5, 60.61S; 0.08:44.4W; 0.1, h10km, n36, o179/32, mb4.0/10, MS3.1/5, Scotia Sea

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, EFT East Falkland, VNA3 Neumayer Olymp, etc.

IDC 06 16:23:59.8.1.5, 37.01N; 143.66E, h0km, mb3.6/2, mb1.3/8, mb1mx3.4/29, mbtmp3.5/3, ML2.5/1, Error ellipse: s-maj=32.8km s-min=5.2km az=21.0

JMA 06 16:23:59.7.0.2, 37.75N; 143.56E, h55km, M3.4, ISC 06 16:23:59.5.1.7, 37.74N; 0.05:143.7E; 0.1, h35km, n23, o1540/28, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIKH Ishinomakiboku, JIO Ouri, JKM Kesennumototy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, H11N3 WAKE ISLAND, etc.

TRN 06 16:24:46.2.1.11; 18N; 62.06W, h124km, MD3.8 TRN Felt Grenada, MMII II, ISC 06 16:24:44.5.0.8, 11.119N; 0.03:62.09W; 0.06, h132km, 7km, n54, o1544/68, Windward Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRN Trinidad (W), TRN WAKE ISLAND, GRGR Grenville, etc.

NEIC 06 16:26:26.4.1.7, 38.83N; 0.02:122.71W; 0.02, h5km, 5km, Error ellipse: s-maj=3.7km s-min=1.5km az=224.0

NCEDC 06 16:26:26.1.1.4, 38.80N; 0.02:122.78W; 0.03, h1km, 5km, ML3.0/4, Error ellipse: s-maj=3.5km s-min=2.5km az=219.0, Northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GDXM Geysers, GCRM Castle Rock Sp, GSGM Seigler Mountain, etc.

IDC 06 16:50:45.5.5.2, 51.85N; 178.70E, h99km, 47km, mb3.2/9, mb1.3/6.11, mb1mx3.3/55, mbtmp3.7/11, Error ellipse: s-maj=32.2km s-min=15.3km az=166.0

NEIC 06 16:50:45.0.7.5, 51.81N; 0.2:178.6E; 0.2, h101km, 5km, Error ellipse: s-maj=27.6km s-min=15.1km az=179.0

AEIC 06 16:50:46.1.2.5, 7N; 0.2:178.5E; 0.1, h94km, 4km, ML3.4, Error ellipse: s-maj=26.3km s-min=13.2km az=175.0

ISC 06 16:50:44.7.0.6, 51.81N; 0.1:178.48E; 0.06, h100km, n45, o1716/51, mb3.9/9, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSSA Little Sitkin, LPSA Little Sitkin, LFA LFA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIMD Kanaga Island, KICM Kanaga Island, KIKV Kanaga Island, etc.

ISC 06 16:59:09.0.8, 33.61N; 138.36E; 0.10, h300km, n19, o5932/21, mb3.4/6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHU 7.5m, 0.3s, baz=340, slow=13.1, etc.

JMA 06 16:59:08.6.0.2, 33.56N; 138.40E, h299km, M3.1, ISC 06 16:59:08.7.0.6, 33.60N; 138.35E, h296km, 14km, mb3.1/6, mb1.3/3.8, mb1mx2.9/50, mbtmp3.8/8, Error ellipse: s-maj=46.3km s-min=12.4km az=72.0

ISC 06 16:59:09.0.8, 33.61N; 0.08:138.36E; 0.10, h300km, n19, o5932/21, mb3.4/6, Southeast of Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHJ Hachiojima 2, JHU 7.5m, 0.3s, baz=340, slow=13.1, etc.

IDC 06 17:00:21.2.5.4, 4.48S; 138.64E, h118km, 81km, mb3.1/1, mb1.2/9.4, mb1mx2.8/32, mbtmp3.4/24, ML3.0/3, Error ellipse: s-maj=114.3km s-min=19.3km az=104.0, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY Jayapura, JAW Waramungarra Arr, ASAR Alice Springs, etc.

IDC 06 17:03:35.7.1.4, 1342N; 50.41E, h0km, mb3.5/6, mb1.3/6.6, mb1mx3.4/34, mbtmp3.5/6, Error ellipse: s-maj=45.1km s-min=34.6km az=152.0, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, TORD Tord Ar. Bea, ZALV Zalesovo Beam, etc.

INET 06 17:06:55.1.7, 84N; 89.14W, h1km, MW3.4, IDC 06 17:06:57.9.1.5, 13.60N; 88.17W, h176km, 18km, mb3.4/8, mb1.3/6.11, mb1mx3.4/44, mbtmp3.9/11, Error ellipse: s-maj=27.0km s-min=13.0km az=52.0

SNET 06 17:06:58.9.0.7, 13.47N; 88.37W, h191km, 4km, ML3.5, NEIC 06 17:06:59.4.1.8, 13.51N; 0.1:88.37W; 0.1, h194km, 7km, mb4.4/8.6, Error ellipse: s-maj=22.0km s-min=9.2km

UCR 06 17:06:59.0.8, 13.43N; 88.38W, h192km, 4km, ML3.4, mb4.4/8.6, Error ellipse: s-maj=22.0km s-min=9.2km

ISC 06 17:06:59.1.0.7, 13.49N; 0.08:88.30W; 0.07, h194km, 5km, n138, o893/145, mb4.4/4.2, EC El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TECA Tecapa, TETO Tecapa, COEB Comit de Eme, etc.

6cd 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEG Centro de Oper, PAVA Las Pavas, LFRS El Faro, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R40A Maddies Statio, Q44A Meyer Farm, R55A Marlinton, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRU2 Volcan, BRU2 Volcan, MLIR3 Monte Lirio, etc.

Code Station Name Az Az' Phase ID Time Res

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SMRC Santa Marta, M, GARC Garzon, Huila, MTO3 Montecristo, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SFAN Fancy Village, MLYT Lee's Yard, MLYT Lee's Yard, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SAML Samuel, Z47A Carrollton, 833A Chapparal WMA, etc.

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6d 17h

6d 17h

| | | | | | | | |
|-------|------------------------------------------------------------|-------|-----|---------|---------|------------|------|
| JCT | comp=Z,215nm,1.1s Junction City baz=141,SNR=18 | 27.64 | 327 | P | P | 17 27 34.2 | -1.2 |
| JCT | | | | S | S | 17 32 09.3 | -8.8 |
| CNNC | Cliffs of the baz=190 | 27.67 | 9 | P | P | 17 27 35.4 | -0.7 |
| CNNC | | | | S | S | 17 32 22.9 | +4.7 |
| CNNC | Cliffs of the comp=Z,83nm,0.3s | 27.67 | 9 | P | P | 17 27 35.6 | +0.1 |
| CNNC | | | | IAMs_20 | IAMs_20 | 17 28 16.0 | |
| CNNC | | | | IAMs_20 | IAMs_20 | 17 38 09.4 | |
| WHTX | Lake Whitney, baz=147,SNR=15 | 27.69 | 332 | P | P | 17 27 34.2 | -1.5 |
| WHTX | | | | S | S | 17 32 32.9 | +1.4 |
| WHTX | Lake Whitney, comp=Z,232nm,1.3s | 27.69 | 332 | IAMB | IAMB | 17 28 33.1 | |
| TKL | Tuckaleechee C comp=Z,81nm,1.3s,baz=165,slow=7.7,SNR=24 | 27.74 | 358 | P | P | 17 27 35.6 | -0.5 |
| TKL | | | | LR | LR | 17 39 04.7 | |
| W61A | Ground Anchor baz=192 | 27.75 | 10 | P | P | 17 27 35.8 | -0.4 |
| W61A | | | | S | S | 17 32 21.3 | +1.7 |
| Z38A | Mt. Pleasant baz=192 | 27.75 | 338 | P | P | 17 27 34.9 | -1.3 |
| Z38A | | | | IAMB | IAMB | 17 27 51.4 | |
| V54A | Nebo comp=Z,121nm,0.9s | 27.85 | 1 | P | P | 17 27 36.6 | -0.5 |
| V54A | | | | S | S | 17 32 27.0 | +5.8 |
| V51A | Loudon baz=182,SNR=14 | 27.91 | 357 | IAMB | IAMB | 17 27 38.9 | |
| V51A | | | | IAMs_20 | IAMs_20 | 17 39 14.7 | |
| V52A | Sevierville comp=Z,227nm,1.4s | 27.92 | 359 | IAMB | IAMB | 17 27 38.8 | |
| V52A | | | | IAMs_20 | IAMs_20 | 17 38 50.0 | |
| V56A | Mocksville comp=Z,20um,20.0s | 27.95 | 4 | P | P | 17 27 37.5 | -0.5 |
| V56A | | | | S | S | 17 32 23.1 | +0.4 |
| V55A | Taylorsville baz=185,SNR=7.6 | 27.95 | 3 | P | P | 17 27 37.3 | -0.7 |
| V55A | | | | S | S | 17 32 32.7 | +1.0 |
| V55A | Taylorsville baz=183,SNR=11 | 27.95 | 3 | IAMB | IAMB | 17 28 17.5 | |
| V55A | | | | IAMB | IAMB | 17 32 38.1 | |
| LPZAZ | La Paz comp=Z,304nm,1.6s | 27.97 | 149 | P | P | 17 27 41.3 | +2.3 |
| LPZAZ | | | | LR | LR | 17 40 11.5 | |
| LPZAZ | La Paz comp=Z,6.7nm,0.9s,baz=337,slow=6.2,SNR=9.7 | 27.97 | 149 | eP | eP | 17 27 40.1 | +1.1 |
| LPZAZ | | | | eP | eP | 17 27 40.8 | +1.7 |
| LPZAZ | La Paz comp=Z,17um,18.0s | 27.97 | 149 | eP | eP | 17 27 40.3 | +1.3 |
| LPZAZ | | | | P | P | 17 27 37.1 | -1.2 |
| MET | Memphis-Engin Smith Brothers | 28.06 | 353 | IAMB | IAMB | 17 27 40.3 | |
| V58A | Windy Hill, Pi comp=Z,303nm,0.9s | 28.06 | 6 | P | P | 17 27 37.6 | -1.3 |
| V58A | | | | S | S | 17 32 31.2 | +6.9 |
| V58A | | | | IAMs_20 | IAMs_20 | 17 39 27.9 | |
| V57A | Coltrane Farms baz=188 | 28.09 | 5 | P | P | 17 27 38.2 | -1.0 |
| V57A | | | | S | S | 17 32 29.9 | +5.1 |
| V59A | Middlesex baz=186 | 28.14 | 8 | P | P | 17 27 38.6 | -1.1 |
| V59A | | | | S | S | 17 32 26.3 | +0.7 |
| X40A | Basin Creek Fa baz=189,SNR=12 | 28.14 | 342 | P | P | 17 27 37.5 | -2.2 |
| X40A | | | | S | S | 17 27 33.7 | +8.0 |
| X40A | Basin Creek Fa baz=158,SNR=28 | 28.14 | 342 | IAMB | IAMB | 17 27 43.1 | |
| X40A | | | | S | S | 17 27 40.2 | -0.7 |
| V60A | Jim Taylor Roa comp=Z,303nm,1.6s | 28.28 | 9 | P | P | 17 27 40.2 | -0.7 |
| V60A | | | | S | S | 17 28 32.4 | +4.6 |
| V62A | Hyde County Ai baz=192,SNR=6.8 | 28.32 | 12 | S | S | 17 32 35.9 | +7.5 |
| CLTN | Cedars of Leba comp=Z,13um,18.0s | 28.35 | 354 | IAMB | IAMB | 17 27 44.5 | |
| CLTN | | | | IAMs_20 | IAMs_20 | 17 39 53.7 | |
| MIAR | Mount Ida comp=Z,17um,19.0s | 28.42 | 341 | P | P | 17 27 40.7 | -1.6 |
| MIAR | | | | S | S | 17 32 33.8 | +3.7 |
| MIAR | Mount Ida baz=157,SNR=52 | 28.42 | 341 | P | P | 17 27 40.6 | -1.6 |
| MIAR | | | | pmax | pmax | 17 27 45.5 | |
| MIAR | Mount Ida comp=Z,338nm,1.7s | 28.42 | 341 | P | P | 17 27 40.6 | -1.6 |
| MIAR | | | | IAMB | IAMB | 17 27 45.5 | |
| V61A | Roper comp=Z,338nm,1.7s | 28.43 | 11 | P | P | 17 27 41.6 | -0.6 |
| V61A | | | | S | S | 17 32 40.9 | +1.1 |
| V61A | Roper baz=193 | 28.43 | 11 | IAMB | IAMB | 17 28 13.6 | |
| U66A | King comp=Z,227nm,1.1s | 28.50 | 4 | P | P | 17 27 42.7 | -0.2 |
| U66A | | | | S | S | 17 32 36.7 | +5.5 |
| U66A | King baz=185,SNR=13 | 28.50 | 4 | P | P | 17 27 42.4 | -0.4 |
| U66A | | | | IAMB | IAMB | 17 28 18.9 | |
| U66A | King comp=Z,194nm,1.2s | 28.50 | 4 | P | P | 17 30 55.5 | +0.7 |
| U66A | | | | IAMs_20 | IAMs_20 | 17 39 33.2 | |
| HBAR | Harrisburg comp=Z,401nm,1.2s | 28.56 | 346 | IAMB | IAMB | 17 27 44.7 | |
| WVT | Waverly comp=Z,151nm,0.9s | 28.58 | 351 | P | P | 17 27 41.8 | -1.8 |
| WVT | | | | S | S | 17 32 31.1 | -1.4 |
| WVT | Waverly baz=169 | 28.58 | 351 | P | P | 17 27 41.6 | -2.0 |
| WVT | | | | pmax | pmax | 17 27 41.6 | -2.0 |
| WVT | Waverly comp=Z,151nm,0.9s | 28.58 | 351 | P | P | 17 27 41.6 | -2.0 |
| WVT | | | | IAMB | IAMB | 17 27 44.0 | |
| U54A | Nelsons Funny comp=Z,151nm,0.9s | 28.60 | 2 | P | P | 17 27 43.2 | -0.7 |
| U54A | | | | S | S | 17 32 37.7 | +4.7 |
| U54A | Nelsons Funny baz=182,SNR=12 | 28.60 | 2 | IAMs_20 | IAMs_20 | 17 38 48.0 | |
| W41B | Gary Mavity, V comp=Z,15um,20.0s | 28.61 | 344 | P | P | 17 27 42.3 | -1.5 |
| W41B | | | | S | S | 17 32 34.6 | +1.7 |
| W41B | Gary Mavity, V baz=160,SNR=42 | 28.61 | 344 | IAMB | IAMB | 17 27 47.2 | |
| U55A | TA2, Sparta comp=Z,606nm,1.9s | 28.61 | 3 | P | P | 17 27 43.4 | -0.6 |
| U55A | | | | S | S | 17 32 33.8 | +0.6 |
| TZTN | Tazewell baz=184 | 28.62 | 359 | P | P | 17 27 43.2 | -0.8 |
| TZTN | | | | S | S | 17 32 38.7 | +5.5 |
| TZTN | Tazewell baz=178,SNR=16 | 28.62 | 359 | IAMB | IAMB | 17 28 35.8 | |
| U57A | Blanch comp=Z,139nm,1.1s | 28.67 | 6 | P | P | 17 27 43.3 | -1.1 |
| U57A | | | | S | S | 17 32 38.3 | +4.3 |
| U49A | Red Boiling Sp baz=187,SNR=14 | 28.71 | 355 | IAMB | IAMB | 17 27 46.2 | |
| U49A | | | | IAMs_20 | IAMs_20 | 17 39 48.0 | |
| U58A | Oxford comp=Z,12um,18.0s | 28.72 | 7 | P | P | 17 27 44.1 | -0.7 |
| U58A | | | | S | S | 17 32 33.9 | -0.8 |
| WHAR | Woolly Hollow baz=189 | 28.73 | 344 | IAMB | IAMB | 17 27 48.9 | |

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|-------|-------------------------------------------------------------|-------|-----|---------|---------|------------|------|
| Z35A | Perchaven, San comp=Z,202nm,1.1s | 28.73 | 334 | P | P | 17 27 43.8 | -1.3 |
| Z35A | | | | IAMB | IAMB | 17 27 48.5 | |
| AP01 | Chacallita comp=Z,147nm,1.2s | 28.74 | 155 | P | P | 17 27 48.6 | +3.4 |
| U59A | Littleton baz=190 | 28.78 | 8 | P | P | 17 27 44.6 | -0.7 |
| U59A | | | | S | S | 17 32 38.4 | +2.8 |
| HPIG | Pendleton comp=Z,12um,22.0s | 28.89 | 314 | IAMs_20 | IAMs_20 | 17 39 58.6 | |
| U61A | Possum Corner baz=193 | 28.98 | 11 | P | P | 17 27 46.1 | -1.0 |
| U61A | | | | S | S | 17 32 49.8 | +1.1 |
| U61A | Possum Corner baz=193 | 28.98 | 11 | P | P | 17 27 46.0 | -1.1 |
| U61A | | | | IAMB | IAMB | 17 28 49.9 | |
| U60A | Pendleton comp=Z,272nm,1.4s | 28.99 | 9 | P | P | 17 27 46.5 | -0.7 |
| U60A | | | | S | S | 17 32 45.1 | +6.1 |
| U60A | Wise baz=191 | 29.05 | 0 | P | P | 17 27 47.0 | -0.9 |
| T53A | Wise comp=Z,1,1nm,0.8s,baz=139,slow=7.8,SNR=24 | 29.05 | 0 | P | P | 17 27 46.5 | +6.4 |
| T53A | | | | S | S | 17 32 45.6 | +6.4 |
| PB16 | IPOC Station P baz=180 | 29.07 | 153 | P | P | 17 27 51.7 | +2.9 |
| TXAR | Lajitas Array comp=Z,2.8nm,0.6s,baz=146,slow=5.1,SNR=8.9 | 29.09 | 320 | P | P | 17 27 48.6 | +0.2 |
| TXAR | | | | PcP | PcP | 17 30 58.4 | +1.8 |
| TXAR | Magazine comp=Z,2.1nm,0.9s,baz=134,slow=8.9,SNR=3.5 | 29.09 | 341 | P | P | 17 34 41.0 | +1.7 |
| W39A | Magazine baz=157,SNR=47 | 29.09 | 341 | P | P | 17 27 46.9 | -1.3 |
| W39A | | | | S | S | 17 32 45.1 | +4.6 |
| T54A | Tazewell baz=157 | 29.14 | 2 | P | P | 17 27 47.7 | -1.0 |
| T54A | | | | S | S | 17 32 41.6 | -0.1 |
| T50A | Nancy baz=182 | 29.15 | 357 | IAMB | IAMB | 17 27 50.0 | |
| LCAR | Lake Charles comp=Z,132nm,1.1s | 29.17 | 346 | IAMB | IAMB | 17 27 49.7 | |
| T56A | Rocky Mt comp=Z,283nm,1.0s | 29.20 | 4 | P | P | 17 27 48.7 | -0.4 |
| T56A | | | | S | S | 17 32 42.2 | -0.1 |
| T55A | Pulaski baz=186 | 29.24 | 3 | P | P | 17 27 48.5 | -1.0 |
| T55A | | | | S | S | 17 32 46.6 | +3.6 |
| T57A | Hurt baz=184 | 29.24 | 6 | P | P | 17 27 48.4 | -1.1 |
| T57A | | | | S | S | 17 32 46.3 | +3.5 |
| FCAR | Ozark Folk Cen comp=Z,372nm,1.9s | 29.25 | 344 | IAMB | IAMB | 17 27 52.5 | |
| ABTX | Ablene, Hawle baz=144,SNR=7.7 | 29.26 | 330 | P | P | 17 27 47.9 | -1.8 |
| ABTX | | | | S | S | 17 32 57.4 | +1.4 |
| ABTX | Grand View Acr baz=188,SNR=8.1 | 29.26 | 330 | P | P | 17 27 48.4 | -1.8 |
| ABTX | | | | P | P | 17 27 48.4 | -1.3 |
| T58A | | | | S | S | 17 32 47.2 | +4.0 |
| T47A | Sharon Grove comp=Z,331nm,1.1s | 29.32 | 353 | IAMB | IAMB | 17 27 51.2 | |
| BLA | Blacksburg baz=185,SNR=17 | 29.35 | 4 | P | P | 17 27 49.8 | -0.8 |
| BLA | | | | S | S | 17 32 44.7 | -0.1 |
| BLA | Blacksburg comp=Z,16um,20.0s | 29.35 | 4 | IAMs_20 | IAMs_20 | 17 39 21.9 | |
| T59A | Double "B" Far baz=190,SNR=10 | 29.42 | 8 | P | P | 17 27 50.1 | -0.9 |
| T59A | | | | S | S | 17 32 51.3 | +5.6 |
| T59A | Double "B" Far comp=Z,32nm,0.3s,baz=292,slow=8.6,SNR=4.0 | 29.42 | 8 | IAMB | IAMB | 17 28 24.1 | |
| H06E1 | SOCORRO T-PHASE SNR=60 | 29.47 | 295 | T | T | 17 58 13.0 | |
| H06S1 | SOCORRO T SNR=60 | 29.48 | 294 | T | T | 17 58 11.6 | |
| ITTB | BB Station comp=Z,261nm,1.6s | 29.54 | 113 | eP | eP | 17 27 53.2 | +0.8 |
| BBSS | | 29.65 | 32 | P | P | 17 27 52.9 | -0.2 |
| BBSS | | | | IAMB | IAMB | 17 28 06.7 | |
| T60A | Surry baz=192 | 29.71 | 10 | P | P | 17 27 52.7 | -0.9 |
| T60A | | | | S | S | 17 32 56.5 | +6.2 |
| T60A | Surry comp=Z,17um,19.0s | 29.71 | 10 | IAMs_20 | IAMs_20 | 17 40 38.6 | |
| S51A | Beattyville comp=Z,112nm,1.0s | 29.71 | 359 | IAMB | IAMB | 17 27 54.6 | |
| MNMC | Minye Minye comp=Z,110nm,0.9s | 29.74 | 154 | P | P | 17 27 57.1 | +2.8 |
| MNMC | | | | IAMB | IAMB | 17 28 09.0 | |
| S53A | Williamson baz=181,SNR=10</ | | | | | | |

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|-------|-----------------|-----------|---------|---------|-----------------|
| 6D7A | Izeze | 48.27 325 | IAMS_20 | IAMS_20 | 17 53 31.9 |
| K05A | Summer Lake | 48.29 322 | IAMB | IAMB | 17 32 02.6 |
| M04C | Macdoel | 48.34 321 | P | P | 17 30 29.6 +0.1 |
| N02D | Trinity Center | 48.46 319 | P | P | 17 30 29.2 -1.1 |
| LPA | La Plata | 48.52 153 | eP | P | 17 30 26.5 -4.1 |
| LPA | | | PCP | PCP | 17 31 52.2 -4.4 |
| LPA | | | sP | sP | 17 32 01.1 -2.2 |
| LPA | | | PP | PP | 17 32 18.4 -5.2 |
| LPA | | | PPP | PPP | 17 33 13.3 |
| LPA | | | S | S | 17 37 28.3 -4.5 |
| LPA | | | PKIKP | PKIKP | 17 38 47.9 +1.2 |
| LPA | | | SS | SS | 17 41 14.4 +1.1 |
| RCBR | Riachuelo | 48.65 105 | P | P | 17 30 32.4 +0.3 |
| RCBR | | | pmax | pmax | |
| RCBR | | | MLR | MLR | |
| RCBR | | | MLR | MLR | |
| RCBR | | | IAMB | IAMB | 17 30 32.4 +0.3 |
| RCBR | | | IAMB | IAMB | 17 30 36.0 |
| RCBR | | | IAMB | IAMB | 17 30 32.4 +0.3 |
| SJMB | Sao Joao De Ma | 48.72 123 | eP | P | 17 30 32.4 +0.3 |
| KMRM | Mali Ridge | 48.73 118 | IAMS_20 | IAMS_20 | 17 34 35.0 0.0 |
| VAS01 | Vassouas-RJ | 48.75 129 | eP | P | 17 30 34.4 +1.7 |
| WALA | Waterton Lakes | 48.76 333 | IAMB | IAMB | 17 32 02.2 |
| K04D | Chiloquin, OR | 48.76 322 | P | P | 17 30 32.8 +0.2 |
| M02C | Callahan | 48.77 320 | P | P | 17 30 30.9 -1.8 |
| J05D | Fort Rock, OR | 48.82 323 | P | P | 17 30 32.8 -0.3 |
| YBH | Yreka Blue Hor | 48.86 320 | P | P | 17 30 32.5 -0.9 |
| YBH | | | IAMS_20 | IAMS_20 | 17 55 05.7 |
| L04D | Klamath Falls | 48.87 321 | P | P | 17 30 33.4 -0.1 |
| PINE | Pine Mountain | 48.93 324 | IAMS_20 | IAMS_20 | 17 52 55.5 |
| E09A | Wood Farm, Sta | 49.06 328 | IAMB | IAMB | 17 30 38.0 |
| E09A | | | IAMS_20 | IAMS_20 | 17 53 42.4 |
| BSFB | Barra de Sao F | 49.06 123 | eP | P | 17 30 35.9 +0.8 |
| KHMM | Horse Mountain | 49.07 319 | IAMS_20 | IAMS_20 | 17 54 11.5 |
| MAN01 | Guarapari, ES | 49.20 122 | eP | P | 17 30 37.5 +1.3 |
| FFC | Flin Flon | 49.27 345 | P | P | 17 30 34.7 -1.4 |
| FFC | | | IAMB | IAMB | 17 30 38.6 |
| FFC | | | IAMS_20 | IAMS_20 | 17 53 00.1 |
| J04D | Umpqua Nationa | 49.32 322 | P | P | 17 30 37.4 +0.4 |
| I05D | Terrebonne, OR | 49.49 324 | P | P | 17 30 38.3 +0.2 |
| HUMO | Hull Mountain | 49.49 321 | IAMS_20 | IAMS_20 | 17 54 11.3 |
| KRMB | Red Mountain | 49.52 319 | IAMB | IAMB | 17 30 43.2 |
| KRMB | | | IAMS_20 | IAMS_20 | 17 53 23.1 |
| E08A | Dider Farm, El | 49.52 327 | IAMS_20 | IAMS_20 | 17 54 00.9 |
| PLCA | Paso Flores | 49.58 166 | P | P | 17 30 40.7 +1.9 |
| PLCA | | | IAMB | IAMB | 17 30 39.7 +0.9 |
| PLCA | | | IAMB | IAMB | 17 30 49.5 |
| PLCA | | | eP | P | 17 30 40.5 +1.7 |
| F07A | Phinny Hill Vi | 49.62 326 | IAMB | IAMB | 17 30 40.3 |
| L02E | Cave Junction | 49.65 320 | P | P | 17 30 39.3 -0.1 |
| RIB01 | Linhares ES | 49.67 123 | eP | P | 17 30 40.1 +0.4 |
| NEW | Newport | 49.70 330 | P | P | 17 30 38.9 -0.8 |
| NEW | | | IAMS_20 | IAMS_20 | 17 30 38.4 -1.2 |
| NEW | | | P | P | 17 30 38.6 -1.1 |
| NEW | | | IAMS_20 | IAMS_20 | 17 54 07.4 |
| HAWA | Hanford | 49.72 327 | IAMB | IAMB | 17 30 43.2 |
| HAWA | | | IAMS_20 | IAMS_20 | 17 54 38.9 |
| I04A | Tendick Farm | 49.81 323 | P | P | 17 30 40.2 -0.4 |
| CAM01 | Campos-RJ | 49.90 127 | eP | P | 17 30 43.3 +1.8 |
| C09A | Chrisman Ranch | 49.97 329 | P | P | 17 30 40.9 -0.8 |
| C09A | | | PCP | PCP | 17 32 03.1 +1.3 |
| K02D | Williamette Mer | 49.98 321 | P | P | 17 30 42.0 +0.1 |
| E07A | Sunnyside | 49.99 327 | IAMB | IAMB | 17 30 45.7 |
| E07A | | | IAMS_20 | IAMS_20 | 17 54 15.3 |
| G05D | Wamic, OR | 50.00 325 | P | P | 17 30 42.9 +1.0 |
| ALF01 | Guarapari-ES | 50.03 125 | eP | P | 17 30 44.4 +1.9 |
| KBO5 | Bosley Butte | 50.08 320 | IAMS_20 | IAMS_20 | 17 54 03.8 |
| H04A | Detroit Lake | 50.18 324 | IAMB | IAMB | 17 30 47.1 |
| H04A | | | IAMS_20 | IAMS_20 | 17 53 56.2 |
| I03D | Drain, OR | 50.32 322 | P | P | 17 30 44.2 -0.2 |
| J01E | Myrtle Point | 50.39 321 | P | P | 17 30 45.5 +0.6 |
| H04D | Lebanon | 50.41 323 | P | P | 17 30 45.3 +0.2 |
| F05D | White Salmon | 50.47 325 | P | P | 17 30 46.7 +1.2 |
| F05D | | | S | S | 17 38 04.1 +4.1 |
| COR | Corvallis | 50.78 323 | P | P | 17 30 48.1 +0.3 |
| COR | | | pmax | pmax | |
| COR | | | MLR | MLR | |
| COR | | | IAMB | IAMB | 17 30 48.1 +0.3 |
| COR | | | IAMB | IAMB | 17 30 54.3 |
| LL01 | San Ignacio de | 50.82 170 | P | P | 17 30 50.6 +2.5 |
| LTY | Liberty | 50.87 327 | IAMS_20 | IAMS_20 | 17 54 16.3 |
| F04A | Amboy | 51.03 325 | IAMS_20 | IAMS_20 | 17 55 09.0 |
| G03D | Fort Churchill | 51.11 324 | P | P | 17 30 50.6 +0.3 |
| C06D | Leavenworth | 51.14 328 | P | P | 17 30 52.3 -0.1 |
| C06D | | | S | S | 17 38 18.4 +5.6 |
| F04D | Rainier, OR | 51.46 325 | P | P | 17 30 53.1 +0.3 |
| F04D | | | P | P | 17 30 52.7 -0.3 |
| D05A | Enumclaw | 51.54 327 | IAMB | IAMB | 17 32 13.3 |
| FCC | Fort Churchill | 51.58 352 | IAMB | IAMB | 17 30 53.8 |
| E03A | Lebam | 52.04 325 | IAMS_20 | IAMS_20 | 17 56 36.5 |
| B05A | Bryant | 52.24 328 | P | P | 17 30 57.4 -1.3 |
| D03D | Eldon | 52.34 326 | P | P | 17 30 58.1 -1.4 |
| NLWA | Neilton Lookou | 52.69 326 | IAMB | IAMB | 17 31 06.6 |
| NLWA | | | IAMS_20 | IAMS_20 | 17 56 07.8 |
| A04D | Lummi Island | 52.84 328 | P | P | 17 31 02.6 -0.6 |
| H07S1 | FLORES T-PHASE | 55.74 47 | eP | P | 17 31 26.0 +1.5 |
| PCED | Cedros | 57.35 49 | eP | P | 17 31 36.3 +0.4 |
| PCAN | Candelaria | 57.46 49 | eP | P | 17 31 36.6 -0.1 |

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|-------|-----------------|-----------|----------|----------|-----------------|
| PICO | Pico | 57.52 49 | eP | P | 17 31 36.6 -0.6 |
| BBB | Bella Bella | 57.67 329 | IAMS_20 | IAMS_20 | 18 00 36.1 |
| ROSA | Rosais | 57.72 49 | eP | P | 17 31 38.5 0.0 |
| ROSA | | | P | P | 17 31 38.6 +0.1 |
| PGRA | Graciosa | 58.00 49 | eP | P | 17 31 39.1 -1.4 |
| SACV | Santiago Is | 58.27 77 | P | P | 17 31 43.2 +0.4 |
| SACV | | | IAMB | IAMB | 17 31 47.0 |
| YKA | Yellowknife Ar | 59.32 343 | P | P | 17 31 48.1 -1.1 |
| YKA | | | LR | LR | 18 01 15.0 |
| YKA | | | slow=4.0 | slow=4.0 | 18 01 17.9 |
| PSET | Sete Cidades | 59.37 51 | eP | P | 17 31 49.9 -0.2 |
| GRON | Grota Negra | 59.50 51 | eP | P | 17 31 50.8 -0.3 |
| CMLA | Cha da Macela | 59.51 51 | eP | P | 17 31 50.7 -0.4 |
| CMLA | | | P | P | 17 31 52.2 +1.1 |
| CMLA | | | pmax | pmax | |
| CMLA | | | IAMS_20 | IAMS_20 | 17 31 52.2 +1.1 |
| TAOE | Nuku Hiva Isla | 59.54 255 | eS | S | 17 39 57.5 -5.3 |
| TAOE | | | eLQ | LQ | 17 46 57.7 |
| TAOE | | | LR | LR | 17 49 20.1 |
| PCALD | Caldeiras da R | 59.55 51 | eP | P | 17 31 50.4 -0.9 |
| PSMN | Pico do Norte, | 59.67 52 | eP | P | 17 31 52.0 -0.2 |
| BART | Pico Bartolomeo | 59.78 51 | eP | P | 17 31 52.6 -0.4 |
| CRAIG | Craig | 61.92 330 | IAMS_20 | IAMS_20 | 18 03 31.3 |
| WRAK | Wrangell Isla | 62.03 331 | IAMS_20 | IAMS_20 | 18 01 17.4 |
| EFI | East Falkland | 62.93 163 | eP | P | 17 32 20.8 +7.0 |
| EFI | | | pmax | pmax | |
| EFI | | | MLR | MLR | |
| SIT | Sitka | 63.77 331 | IAMS_20 | IAMS_20 | 18 03 34.5 |
| JIS | Juneau Island | 63.93 333 | IAMB | IAMB | 17 32 24.8 |
| JIS | | | IAMS_20 | IAMS_20 | 18 03 42.6 |
| MBO | M'Bour | 64.72 78 | P | P | 17 32 26.8 +0.4 |
| MBO | | | IAMS_20 | IAMS_20 | 17 59 09.6 |
| WHYR | Whitehorse | 65.36 335 | IAMB | IAMB | 17 32 33.5 |
| MACI | Morro de la Ar | 65.43 63 | P | P | 17 32 32.7 +1.6 |
| HYT | Haines Junction | 66.57 334 | IAMB | IAMB | 17 32 42.4 |
| HYT | | | IAMS_20 | IAMS_20 | 18 05 53.6 |
| C36M | Paulatuk | 67.04 345 | P | P | 17 32 38.2 -2.1 |
| C36M | | | IAMB | IAMB | 17 32 42.1 |
| BCPM | Bancas Point | 67.11 333 | IAMS_20 | IAMS_20 | 18 05 19.7 |
| RES | Resolute Bay | 67.21 357 | IAMB | IAMB | 17 32 40.9 |
| ICESG | Greenland Ice | 67.32 152 | P | P | 17 32 40.4 -2.2 |
| ICESG | | | IAMB | IAMB | 17 32 43.0 |
| TABL | Table Mountain | 68.00 333 | IAMS_20 | IAMS_20 | 18 05 48.2 |
| MESA | MESA | 68.26 332 | IAMS_20 | IAMS_20 | 18 01 40.7 |
| CTGM | Chitina Glacie | 68.31 333 | IAMB | IAMB | 17 32 53.7 |
| BARN | Barnard Glacie | 68.49 333 | IAMB | IAMB | 17 32 54.8 |
| BALM | Baldy | 68.79 333 | IAMS_20 | IAMS_20 | 18 06 00.8 |
| DAWY | Dawson | 68.86 337 | IAMB | IAMB | 17 32 56.3 |
| EPYK | Eagle Plains | 69.00 340 | P | P | 17 32 51.7 -1.2 |
| EPYK | | | IAMS_20 | IAMS_20 | 18 04 43.1 |
| INK | Inuvik | 69.02 342 | P | P | 17 32 52.9 +0.1 |
| INK | | | IAMB | IAMB | 17 32 52.3 -0.5 |
| TULEG | Thule | 69.02 313 | IAMB | IAMB | 17 32 52.9 |
| TULEG | | | IAMB | IAMB | 17 32 51.6 |
| GLB | Gililiana Butte | 69.60 333 | IAMS_20 | IAMS_20 | 18 06 26.3 |
| EGAK | Eagle | 69.86 337 | IAMS_20 | IAMS_20 | 18 05 21.1 |
| K27K | Chicken | 69.90 336 | P | P | 17 32 58.8 +0.4 |
| K27K | | | IAMB | IAMB | 17 33 03.2 |
| K27K | | | IAMS_20 | IAMS_20 | 18 05 45.2 |
| ASCN | Ascension | 69.94 101 | P | P | 17 33 00.8 +1.2 |
| ASCN | | | IAMS_20 | IAMS_20 | 18 00 16.9 |
| SUMG | Summit | 69.98 13 | iP | P | 17 32 57.4 -1.8 |
| SUMG | | | pmax | pmax | |
| SUMG | | | P | P | 17 32 57.1 -2.2 |
| SUMG | | | IAMB | IAMB | 17 33 00.3 |
| SUMG | | | iP | P | 17 32 57.4 -1.8 |
| SUMG | | | P | P | 17 32 57.5 -1.8 |
| SUMG | | | IAMB | IAMB | 17 33 00.0 |
| N25K | Chitina, Valde | 70.01 333 | P | P | 17 32 59.8 +0.6 |
| N25K | | | IAMS_20 | IAMS_20 | 18 06 39.2 |
| L26K | Log Cabin Wild | 70.01 335 | P | P | 17 32 59.4 +0.3 |
| MENT | Mentasta | 70.14 335 | IAMB | IAMB | 17 33 18.7 |
| MENT | | | IAMS_20 | IAMS_20 | 18 07 24.4 |
| TVO | Taravao | 70.40 248 | eP | P | 17 33 04.2 +1.8 |
| FID | Port Fialgo | 70.56 332 | IAMB | IAMB | 17 33 06.9 |
| KLU | Klutina | 70.56 333 | IAMB | IAMB | 17 33 06.8 |
| PPT | Papeete | 70.64 248 | LR | LR | 17 33 05.7 +1.8 |
| PPT2 | | | eS | S | 17 42 15.4 -3.9 |
| PPT2 | | | eS | S | 17 42 15.4 -3.9 |
| PPT2 | | | eLR | LR | 17 54 40.3 |
| SCRK | Sand Creek | 70.65 336 | P | P | 17 33 03.2 0.0 |
| SCRK | | | S | S | 17 42 19.6 +1.7 |
| PAE | Paea | 70.67 248 | eP | P | 17 33 04.9 +1.0 |
| M24K | Mokuauia | 70.89 334 | P | P | 17 33 05.2 +0.6 |
| PUH | Pauahi | 70.96 288 | P | P | 17 33 05.4 -0.5 |
| PUH | | | IAMB | IAMB | 17 33 20.4 |
| KKO | Keanakakoi I | 71.01 288 | P | P | 17 33 07.3 +1.1 |
| KKO | | | IAMB | IAMB | 17 33 26.7 |
| SBLHI | Steaming Bluff | 71.01 288 | P | P | 17 33 06.5 +0.3 |
| SBLHI | | | IAMB | IAMB | 17 33 12.3 |
| MLH | Mauna Loa | 71.12 288 | P | P | 17 33 07.8 +0.8 |

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|------|----------------|-----------|---------|---------|-----------------|
| SCM | Sheep Creek Mo | 71.31 333 | P | P | 17 33 07.1 0.0 |
| SCM | | | IAMS_20 | IAMS_20 | 17 33 07.8 +0.1 |
| SCM | | | IAMS_20 | IAMS_20 | 18 07 30.5 |
| EAH | EAH | 71.62 59 | P | P | 17 33 12.1 +2.5 |
| EAH | | | P | P | 17 33 12.1 +2.5 |
| DHY | Denali Highway | 71.76 334 | IAMB | IAMB | 17 33 13.5 |
| SEW | Seward | 71.74 331 | IAMB | IAMB | 17 33 12.7 |
| SEW | | | IAMS_20 | IAMS_20 | 18 10 29.7 |
| O22K | Cooper Landing | 72.00 331 | P | P | 17 33 11.2 0.0 |
| GHO | Glory Hole Cre | 72.01 333 | IAMB | IAMB | 17 33 27.1 |
| HDA | Harding Lake | 72.02 336 | P | P | 17 33 11.0 -0.3 |
| HDA | | | IAMS_20 | IAMS_20 | 18 07 02.0 |
| PMR | Palmer | 72.05 333 | P | P | 17 33 11.8 +0.4 |
| PMR | | | pmax | pmax | |
| PMR | | | IAMB | IAMB | 17 33 11.8 +0.4 |
| PMR | | | IAMB | IAMB | 17 33 15.3 |
| ILAR | Eielson Array | 72.12 336 | P | P | 17 33 11.9 0.0 |
| ILAR | | | LR | LR | 18 09 26.6 |
| TBI | Tubus | 72.13 242 | eS | S | 17 42 32.7 -3.4 |
| TBI | | | eLQ | LQ | 17 52 13.0 |
| TBI | | | eLR | LR | 17 55 19.8 |
| RC01 | Rabbit Creek A | 72.18 332 | P | P | 17 33 11.8 -0.5 |
| EUNU | Eureka | 72.26 359 | IAMB | IAMB | 1 |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PVAQ Vaqueiros, PCAB Cabrita, AVE Aveiros, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GOG Mont Gururu, KOWA Kowa, MELI Melilla, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TNS Taunus Mts, BFO Black Forest, CKFL Kef-Lekhel, etc.

6d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRG Bergjesshubel, KHC Kasperske Hory, and various other broadcast stations.

2014 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRO Srobarova, VYHS Vyhne, and various other broadcast stations.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS Moscow, PET Petropavlovsk, and various other broadcast stations.

6d 20h

Table with columns: TRI, comp, AML, AML, Pn, Pn, 17 41 34.6 +0.2, etc. Lists various astronomical objects and their coordinates.

2014 DEC

Table with columns: MTLF, KHC, KHC, KHC, RJJ, RJJ, ROTZ, MANZ, MANZ, CONA, etc. Lists astronomical objects with their names and coordinates.

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Table with columns: mb1 3.6/3, mb1mx3.2/2, mbtmp3.4/3, Error ellipse: s-maj=170.8km s-min=27.8km az=66.0, Northern Moluca Sea. Lists astronomical objects with their names and coordinates.

6d 22h

Table with columns: Call sign, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like WRA Warrungana Arr, WBZ Warrungana Arr, BKB Balikpapan, etc.

2014 DEC

Table with columns: Call sign, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like PPBI Pangkal Pinang, FORT Forrest, FORT Forrest, etc.

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Table with columns: Call sign, Frequency, Mode, Power, Direction, Date/Time, and other parameters. Includes stations like PSI comp=Z,23nm,1.1s, OZH comp=Z,35nm,1.0s, etc.

6d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SNA4, SNA5, SNA6, etc.

2014 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like LVV, LVM, LVO, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CLL, CLL, CLL, etc.

Table with columns: DAVA, comp-Z, 1.7nm, 0.5s, SNR=11, SKIPP, 22 27 00.9 -0.4, etc. Lists various locations and their associated data points.

Table with columns: CART Cartagena, 125 99 313, PP, PP, 22 25 51.0 -2.5, etc. Lists various locations and their associated data points.

Table with columns: H53A Bobacyneg, 134.06 29, P, PKIKP, 22 24 15.2 -0.1, etc. Lists various locations and their associated data points.

6d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BTLS, SFK, MNAS, OHH, MAKZ, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH Lanzhou, KIRV Kirov, GYI Guiyang, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VTS Vitoshka, SIRR Siria, BZS Buzias, etc.

RSNC 06 23:07:59.4, 0.9, 3.92N-78.93W, h49km, ML3.0
IDC 06 23:08:13.4, 6.6, 7.34N-72.34W, h297km, 46kps, mb2.7/2,
mb1.3/1.3, mb1tmx2/7.34, mb2p3.4/3, Error ellipse:
s-maj=109.9km s-min=29.5km az=63.0
ISC 06 23:07:59.6, 0.9, 3.91N-0.05E-78.97W, 0.04, h35km, n20,
a175/33, South of Panama

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res

7d 1h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FLAM Flamencao Islan, ARR33 Arrajjan, Panama, TAB03 Taboga, Panama, etc.

LDG 07 01:16:29.4:0.2,45.38N,5.92E,h2km,Md1.3/5,MH1.3/2, Error ellipse: s-maj=5.8km s-min=2.8km az=151.0, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORIF Oris-en-Rattie, LPL La Plagne, LPGA La Plagne, etc.

ROM 07 01:16:30.0:0.3,45.46N,0.01:7.56E,0.02,h10km,1km, ML1.3,1C-2D, Error ellipse: s-maj=1.5km s-min=1.5km az=359.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CIRC Champorchet, TRAV Traversella, LSD Lago del Serru, etc.

IDC 07 01:21:58.7:0.3,6.39S,154.45E,h0km,mb5.6/44, mb1.5,7/49,mb1mx5.6/53,mbtmp5.6/49,ML4.5/5,MS6.3/39, Ms1.0,3/39,ms1mx5.2/47, Error ellipse: s-maj=11.8km s-min=7.0km az=75.0

NEIC 07 01:22:00.4:6.54S,154.48E,h20km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr:3.58; Mw:0.58; Ms:3.00; Me:1.16; Mo:1.52; Mr-2.09; Fault plane solution: M7.37000x10^18 NP1:ns152.44000, 361.57000, 188.13000. NP2:ns336.37000, 828.49000, 193.46000. Principal axes: T 4.2934, Plg73.0000, Azm58.0000; N 0.1476, Plg2.0000, Azm153.0000; P -4.4409, Plg17.0000, Azm244.0000

BUI 07 01:22:01.0:0.0,6.45S,154.45E,h20km,mb6.3/74, mb5.9/84,MS6.6/96,Ms7.6/99, Error ellipse: s-maj=11.8km s-min=7.0km az=75.0

NEIC 07 01:22:02.2:1.5,6.51S,0.06:154.46E,0.06,h23km,1km, mb6.1/386,Ms20.6,7.972,Mwb6.4/44,MwC6.8/84,MwW6.6, MwC6.5(GCMT), Error ellipse: s-maj=11.5km s-min=9.7km az=33.0

MOS 07 01:22:03.4:1.1,6.40S,154.34E,h39km,mb6.1/67, MS6.4/66, Error ellipse: s-maj=6.4km s-min=4.8km az=109.6

DJA 07 01:22:05.2:0.5,7.52S,15.4E, h36km,4km, M6.3/121, mb6.7/120,mb6.2/121,MLv6.5/3,Mw(mB)6.5/120, MwP6.2/92

NEIC 07 01:22:08.6:6.25S,154.46E,h15km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr:2.1; Mw:1.55; Ms:3.76; Ms:3.40; Ms:3.04; Ms:3.46; Fault plane solution: M7.43000x10^18 NP1:ns333.0000, 825.0000, 103.0000. NP2:ns138.0000, 866.0000, 184.0000. Principal axes: T 7.1666, Plg69.0000, Azm37.0000; N 0.5001, Plg5.0000, Azm141.0000; P -7.6667, Plg20.0000, Azm233.0000

GCMT 07 01:22:09.2:0.0,6.62S,154.41E,h17km,MW6.6/174, Moment Tensor Solution. s174,c453; s171,c740; Duration: 4s7 Moment tensor: Scale 10^19Nm; Mr:0.55c;0; Mw:0.17c;0; Ms:0.37c;0; Ms:0.47c;0.1; Ms:0.29c;0; Ms:0.56c;0.1. Best double couple: M:0.92200x10^19 NP1:ns330.0000, 819.0000, 198.0000. NP2:ns141.0000, 871.0000, 187.0000. Principal axes: T 0.9060, Plg64.0000, Azm47.0000; N 0.0320, Plg3.0000, Azm142.0000; P -0.9370, Plg26.0000, Azm233.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 07 01:22:09.6:3.45S,154.35E,h2km,Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr:1.0; Mw:2.43; Ms:3.67; Ms:4.47; Ms:2.66; Ms:1.69; Fault plane solution: M9.68000x10^18 NP1:ns320.0000, 819.0000, 186.0000. NP2:ns144.0000, 871.0000, 191.0000. Principal axes: T 9.8392, Plg4.0000, Azm56.0000; N -0.3275, Plg1.0000, Azm323.0000; P -9.5117, Plg26.0000, Azm233.0000

NEIC 07 01:22:18.3:6.68S,153.72E,h27km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:0.66; Mw:0.20; Ms:0.46; Ms:0.51; Ms:0.31; Ms:0.57; Fault plane solution: M1.01000x10^19 NP1:ns140.14000, 869.62000, 185.32000. NP2:ns333.37000, 820.89000, 102.38000. Principal axes: T 1.0110, Plg65.0000, Azm42.0000; N -0.0041, Plg4.0000, Azm142.0000; P -1.0069, Plg24.0000, Azm234.0000

ISC 07 01:22:01.4:6.51S,0.03:154.56E,0.03,h24km,2km, h2km:msP P 1896,ms181594,mb6.1/396,MS6.7/601, 48C-68D,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

2014 DEC

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, CTA Charters Tower, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSAI Masohi, ASAR Alice Springs, ASAR Cobari Meteorol, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GUIM Jordan, VPVC Virac, MOO Moorlands, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WHZ Wether Hill Ro, BBP Basco, GRJI Gresik, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like XMAS Kiritimati, HKPS Hong Kong Po S, BLSI Bandar Lampung, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like SMCC Simmler, A04D Lummi Island, KK31 Karatay Array, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like G08A Pilot Rock, MPMC Manual Prospect, E08A Dider Farm, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like 214A comp-Z,38um,19.0s, MSO Missoula, MSO Missoula, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics (e.g., SNR, BER, etc.). Includes stations like L58A Harry Jones Me, X58A Rowland, LANS Liptovska Anna, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like P60A Greenville, P60A Greenville, MMB Muzemiste, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like TREC TREC, TREC TREC, FBE Freiberg, etc.

7d 1h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WRO Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

IDC 07:01:40.02:3.0-5.6:35S:154.60E, h0km, mb4.6/25, mb1.4/9.23, mb1mx4.5/4, mbtmp4.6/28, ML3.9/3, Error ellipse: s-maj=13.0km s-min=11.0km, NEIC 07:01:40.04:6.1:6.4:7S:0.08:154.41E:0.05, h1km, mb5.0/64, Error ellipse: s-maj=15.3km s-min=4.0km az=32.0

BUI 07:01:40.04:4.0-0.5:81S:154.82E, h12km, mb5.2/1, mb5.1/49

MOS 07:01:40.06:2.1-1.0:6:37S:154.55E, h34km, mb5.2/30, Error ellipse: s-maj=10.0km s-min=7.8km az=134.5

DJA 07:01:40.10:4.0-0.6:6:3S:15.4E, h39km, mb5.5/37, mb6.8/3, mb5.3/37, ML6.5/4.3, Mw(mb)6.6/3

ISC 07:01:40.04:4.0-3.6:36S:0.05:154.48E:0.06, h10km, n263, r138/265, mb5.0/110, 3C-13D, Bougainville-Solomon Islands region

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, etc.

2014 DEC

Main table of station data with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FITZ Fitzroy Crossi, WRKA Warakuma, KMSI Kaituma, etc.

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Main table of station data with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CM01 Chiang Mai Arr, CM05 Chiang Mai Arr, CM02 Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like MTSU, SANVU, CTA, CTAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like JNU, MJAR, CISA, CISI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other details. Includes stations like TAPN, ODAN, RAIN, GUNM, etc.

7d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H04A Detroit Lake, E04D Cinebar, IUG luzhny, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GLA Glamis, SHPR Sheep Range, MFID Camas Ranch, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KLMR Klimovskoe, AGM Agassiz, ECSD EROS Data Cent, etc.

TORD comp=Z,1.3nm,0.7s,baz=93,slow=2.7,SNR=5.1

USA0B Ussuriysk Arra 2434 340 P I/Amb 05 50 09.0 -1.1

WRAB Tennant Creek 42.39 193 P I/Amb 05 52 47.5 +0.6

IDC 07 05:42:38.2; 1.5, 33.71N; 65.86E, h0km, mb3.6/4, mb1 3.7/9, mb1mx3.5/57, mbtmp3.6/9, ML3.5/4, Error ellipse: s-maj=30.9km s-min=27.1km az=133.0

USRK Ussuriysk Arr 24.34 340 P I/Amb 05 50 09.3 -0.7

WB2 Warramunga Arr 42.40 193 P I/Amb 05 52 46.8 +0.6

ISC 07 05:42:39.7; 1.3, 33.71N; 65.86E; 0.2, h10km, n9, 08/26/9, mb3.7/4, Southeastern Afghanistan

DL2 Dalian 25.38 317 P pmax 05 50 20.9 +1.3

WRA Warramunga Arr 42.41 193 P I/Amb 05 52 46.8 -0.2

Code Station Name Az Phase ID Time Res

MDJ Mudanjiang 25.53 336 P I/Amb 05 50 21.2 +0.2

PHET Kaeng Krachan 42.69 266 P I/Amb 05 52 50.3 +3.5

AAK Ala-Archa 11.21 35 Pn 05 45 20.3 +0.3

MDJ 05 50 29.3 -1.2

TRTT Trang 44.41 259 P I/Amb 05 53 15.4 +1.2

AKTO Aktyubinsk 17.66 343 P 05 46 46.5 0.0

MDJ 05 50 33.0 -1.6

KULM Kulim 44.59 255 I/Amb 05 53 04.7 -0.1

MKAR Makanchi Array 18.07 39 P 05 46 50.9 -0.4

MDJ 05 50 51.7 +5.5

IPM Ipoh 44.61 254 P I/Amb 05 53 03.3 -1.6

KURBS Kurchatov Arr 19.29 25 P 05 47 04.1 -0.4

MDJ 05 50 20.5 -0.4

AS31 Alice Springs 46.11 192 P I/Amb 05 53 16.7 +0.1

BVAR Borovoye Array 19.57 8 P 05 47 08.8 0.0

MDJ 05 50 22.5 0.0

ASAR Alice Springs 46.11 192 P I/Amb 05 53 16.7 +0.1

ZALV Zalesovo Beam 24.28 28 P 05 47 56.8 -0.1

MDJ 05 50 25.5 -0.4

SHL Shillong 47.21 285 I/Amb 05 53 25.6 -0.1

CMAR Chiang Mai Arr 33.23 109 P 05 49 17.1 0.0

MDJ 05 50 22.5 0.0

PSI Prapa 47.23 253 P I/Amb 05 53 26.7 +0.9

TORD Torodi Arr 61.37 267 P 05 52 56.1 0.0

MDJ 05 50 32.6 +1.9

RPSI Rantau Prapat 47.28 253 P I/Amb 05 53 25.8 -0.2

YKA Yellowknife Arr 84.12 0 P 05 55 10.6 +0.1

MDJ 05 50 41.4 +1.1

RPSI 05 53 37.2

IDC 07 05:43:59.2; 1.3, 34.11N; 138.28E, h0km, mb3.8/3, mb1 3.7/4, mb1mx3.5/56, mbtmp3.7/4, ML2.6/1, Error ellipse: s-maj=41.2km s-min=17.6km az=46.0

MDJ 05 50 43.6 +1.9

LSA Lhasa 47.51 291 P I/Amb 05 53 30.4 +2.2

JMA 07 05:44:02.0; 2.3, 34.64N; 140.09E, h79km, Mb3.0, ISC 07 05:44:03.0; 1.1, 34.68N; 140.09E; 0.06, h82km, 8km, n20, 08/4/28, mb3.8/3, Near east coast of eastern Honshu

MDJ 05 50 51.8 0.0

BILL Bilibino 48.40 11 P I/Amb 05 53 34.6 +0.7

Code Station Name Az Phase ID Time Res

MYLDM Lahad Datu 29.09 239 P I/Amb 05 50 55.1 0.0

PSA00 Pilbara Seismi 48.87 210 P I/Amb 05 53 38.6 +0.5

BSO3 Boso 3 0.37 70 P 05 44 15.8 +0.1

BJI Beijing 29.53 314 P pmax 05 51 00.1 +3.2

DZM Dzumac 48.96 151 eLR 06 07 42.4

BSO4 Boso 4 0.37 33 P 05 44 16.1 +0.2

TOLJ Tolitoli 30.20 230 P I/Amb 05 51 01.7 -1.3

GSJ Gunungstiksi 49.11 252 P I/Amb 05 53 39.5 -0.6

TAT1 Tateyama 2 0.39 33 P 05 44 16.5 +0.3

TOL2 05 51 13.6

TIXI Tiksi 50.62 354 P I/Amb 05 53 50.2 -0.6

JKUC kamogawauchiur 0.49 10 P 05 44 16.9 -0.2

QIZ Qiongzong 31.65 271 P S 05 51 15.7 -0.1

TIXI 05 54 01.0

JKUC Katsura 0.51 21 P 05 44 27.6 +0.4

QIZ 05 56 22.4 -0.5

TAPN Tapejung 50.73 288 eP 05 53 53.6 +0.9

KTR Katsura 0.51 21 P 05 44 16.9 -0.2

QIZ 05 51 15.7 -0.1

WMQ Urumqi 50.79 309 P I/Amb 05 53 53.5 +0.9

KTR Oshima 3 0.55 275 S 05 44 17.0 +0.5

QIZ 05 52 24.4 -0.5

WMQ 05 54 01.1 -1.2

JIM2 Oshima 3 0.55 275 S 05 44 28.0 -0.1

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JIM2 Oshima 3 0.55 275 S 05 44 28.0 -0.1

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JYTH Toshimahigashi 0.68 257 P 05 44 18.7 0.0

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

BSO1 Boso 1 0.73 91 P 05 44 18.5 -0.1

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JMKM Mikurajiminishi 0.88 208 P 05 44 20.9 0.0

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JJNS Izuhiromishi 1.00 273 P 05 44 22.0 -0.2

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JOD2 Odawara 2 1.01 306 P 05 44 36.8 0.0

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JFNN Fujinaka 1.27 295 P 05 44 25.7 +0.3

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JYN Shimob 1.51 303 P 05 44 29.1 +0.5

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JHJ Hachijo jima 2 1.57 189 P 05 44 29.7 +0.3

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JHJ 35nm, 0.3s, baz=252, slow=20, SNR=21

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

JHJ2 Mitsune 1.58 188 P 05 44 29.8 +0.4

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

MJAR Matushiro Arr 2.41 321 Pn 05 44 40.6 +0.1

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

MJAR 1.4nm, 0.3s, baz=159, slow=14, SNR=44

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

MAT Matushiro 2.41 321 P 05 44 41.0 +0.5

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

MAT 0.3s, baz=126, slow=29, SNR=10

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

ZALV Zalesovo Beam 42.75 314 P 05 51 51.6 -0.3

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

MKAR Makanchi Array 44.50 304 P 05 52 05.3 -0.8

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

KURBS Kurchatov Arr 84.12 0 P 05 52 22.6 -0.3

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

KURBS 0.7nm, 0.2s, baz=81, slow=1.1, SNR=4.1

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

BUI 07 05:44:50.2; 0.0, 21.68N; 143.97E, h30km, mb5.2/43, mb4.8/61, MS4.6/28, MS7.4/30

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

IDC 07 05:44:50.2; 0.0, 21.83N; 143.46E, h0km, mb4.6/36, mb1 4.7/37, mb1mx4.6/53, mbtmp4.6/37, ML4.3/1, MS4.0/29, MS1.4/0.29, ms1mx4.0/34, Error ellipse: s-maj=15.3km s-min=12.1km az=50.0

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

NEIC 07 05:44:56.0; 0.1, 21.74N; 143.37E; 0.09, h35km, 1km, mb4.9/202, Error ellipse: s-maj=13.8km s-min=11.4km az=73.0

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

GCMT 07 05:44:57.0; 0.0, 21.77N; 143.48E; 0.02, h18km, 1km, MW5.0/105, Moment Tensor Solution. s11, c11; s105, c141; Duration: 0 Moment tensor: Scale 10^16Nm; M11=1.05e+18; M22=1.15e+14; M33=2.20e+15; M12=1.18e+34; M13=3.01e+12; M23=2.26e+42; Best double couple: M13=9.8600e+16; N12=2.810000e+00; 0.68000000; 1.69000000; NP2=15.00000; 0.800000; 1.22000000; Principal axes: P=0.0350; Plg23=0.0000; Azm240.0000; N=2.0930; Plg6=0.0000; Azm39.0000; P=2.9370; Plg8=0.0000; Azm147.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

ISC 07 05:44:55.7; 0.3, 21.76N; 143.52E; 0.06, h35km, n345, c122/331, mb4.9/156, MS4.2/38, Mariana Islands region

QIZ 05 52 24.4 -0.5

WMQ 05 54 05.0 -0.7

Code Station Name Az Phase ID Time Res

ULN Ulanbaatar 39.12 321 P I/Amb 05 52 19.8 -0.1

TTA Tatalina 57.50 28 P I/Amb 05 54 41.5 +0.4

JCJ Chichijima 5.45 347 P 05 46 16.1 +0.6

SOMN Songo Airay 39.49 320 P I/Amb 05 52 22.8 -0.1

TTA 05 55 01.0

GUMO Guam 8.22 171 Pn 05 46 53.0 +0.5

SOMN 06 08 21.0

TKR Kurchatov 57.65 317 I/Amb 05 54 41.9 -0.4

GUMO 05 49 28.9

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

JMN Monobe 14.65 327 P 05 48 24.3 -2.0

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

INU Inuyama 14.69 339 P 05 48 19.6 -1.3

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

JGF Kurok 14.81 340 Pn 05 48 19.9 -2.7

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

JWT Wachi 15.24 334 Pn 05 48 27.3 -0.9

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR Matushiro Arr 15.44 344 Pn 05 48 25.7 -5.2

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

ULN 05 52 26.8 +0.3

TKR 05 54 43.0

MJAR 0.2nm, 0.3s, baz=158, slow=10, SNR=20

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UCH, GHO, BTL, KNK, BWN, SML, I23K, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BEKR, J08A, DAG, WVOR, VCNR, PAHR, PNTR, WALA, JTMT, KBZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PV19, 214A, PV17, PV16, PV11, PV03, PV03, PV13, PV02, PV01, N23A, BRTR, SMCO, TUC, ISCO, ULM, S22A, BURAR, SDCC, ANMO, 121A, B35A, ECSD, CLL, KHC, GERES, TXAR, YXAR, VANDA, ESDC, TORD, DLBC, PLCA, LPAZ, WRA, ASAR, TORD, RABL, KRVT, PMG, PMG, EIDS, DZM, WB0, WRAB, WB2, WB1, FITZ, FITZ, TORD, RABL, KRVT, PMG, PMG.

ZALV 0.4nm,0.3s,baz=219,slow=31,SNR=2.1

46RU ZALESOVO INFO 5.55 42 i baz=223,slow=329,SNR=0.2

BUJ 07:07:37:40:6:0.0,7:05S:154:12E,h11km,mb5.2/15,mb4.8/19

IDC 07:07:37:41.2:0.8,6:50S:154:57E,h0km,mb4.2/16,mb1.4/18,mb1mx4.1/16,mb2.1/16,ML2.4/1,MS3.2/5,Ms1.3/2.5,ms1mx2.9/32,Error ellipse: s-maj=25.1km s-min=15.8km az=111.0

NEIC 07:07:37:43.5:1.6,6:49S:0:04:154:29E:0.08,h10km,1km,mb4.7/23,Error ellipse: s-maj=13.2km s-min=7.3km az=103.0

ISC 07:07:37:43.6:0.5,6:48S:0:06:154:40E:0:07,h10km,n56,0:24/59,mb4.6/32,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

comp=Z,3.9nm,0.8s,baz=61,slow=2.6,SNR=20

IDC 07:07:54:51.1:0.8,38:43N:143:57E,h0km,mb3.8/11,mb1.3/9.16,mb1mx3.7/52,mbtmp3.7/16,ML3.2/5,MS3.0/3,ms1.3/1.3,ms1mx2.7/46,Error ellipse: s-maj=21.8km s-min=17.3km az=111.0

JMA 07:07:54:53.0:3.0,1.38:50N:143:35E,h27km,Ms3.9,NIED 07:07:54:53.3,38:50N:143:35E,h27km,MW3.8, Moment Tensor Solution, s Moment tensor: Scale: 10^14Nm; Mn:-3.01; Mw:0.67; Mx:3.68; My:1.32; Ms:-2.55; Mr:1.97;

Fault plane solution: M=4.64000e10^14 NP1: 0:185.00000, 0:63.00000, A:-50.00000. NP2: 0:304.00000, 0:647.00000, A:-141.00000. ISC 07:07:54:53.7:0.8,38:47N:0:05:143:36E:0:07,h15km,n36,0:157/44,mb3.6/11,Off east coast of Honshu region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like OFUJ Ofunato, OJLU Oshinoakikobu, etc.

IDC 07:08:01:13.8:1.0,6:61S:154:68E,h0km,mb3.9/9,mb1.4/21.1,mb1mx3.9/38,mbtmp4.0/11,ML2.2/1,MS2.9/2,Ms1.2/9.2,ms1mx2.6/36,Error ellipse: s-maj=28.8km s-min=19.5km az=122.0

NEIC 07:08:01:14.5:1.4,6:65S:0:1:154:78E:0:09,h10km,1km,mb4.3/7,Error ellipse: s-maj=19.4km s-min=12.6km az=31.0

ISC 07:08:01:14.7:0.7,6:65S:0:08:154:75E:0:08,h10km,n24,0:566/28,mb4.2/14,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like RABL Rabaul, KRVT Keravat, etc.

comp=Z,0.4nm,0.9s,baz=224,slow=5.0,SNR=2.3

GSPA South Pole Qui 83.33 180 P P 08 13 40.0 -1.1

ZALV Zalesovo Beam 83.76 326 P P 08 13 43.8 -0.2

NVAR Niua Vau Bea 91.69 52 P P 08 14 23.6 +0.6

TORD Torodi Arr Bea 152.70 286 PKPbc PKPbc 08 21 13.3 +0.4

TORD Torodi Arr Bea 152.70 286 PKPbc PKPbc 08 21 13.3 +0.4

ISC 07:08:04:54.2:1.4,5:77N:61:30E,h0km,mb3.9/11,mb1.4/11.1,mb1mx3.8/50,mbtmp3.9/11,MS3.2/4,Ms1.3/3.4,ms1mx2.9/45,Error ellipse: s-maj=38.5km s-min=21.7km az=36.0

NEIC 07:08:04:55.3:0.9,5:8N:0:2:61:25E:0:06,h10km,2km,mb4.3/17,Error ellipse: s-maj=29.7km s-min=4.9km az=198.0

ISC 07:08:04:55.7:1.3,5:9N:0:2:61:30E:0:11,h10km,n28,0:564/25,mb4.1/16,MS3.0/3,Carlsberg Ridge region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like PALK Pallekele, UOSS Niua Vau Bea, etc.

IDC 07:08:18:05:7:0.4,6:34S:154:45E,h0km,mb4.9/31,mb1.5/0.35,mb1mx4.9/43,mbtmp4.9/35,ML3.6/3,MS4.6/36,Ms1.4/6.36,ms1mx4.5/42,Error ellipse: s-maj=13.7km s-min=10.5km az=82.0

BUJ 07:08:18:06:3:0.0,6:28S:154:82E,h17km,mb5.4/46,mb5.1/68,Ms5.0/47,Ms7.4/8/49

NEIC 07:08:18:07:2:1.6,6:38S:0:08:154:38E:0:07,h10km,1km,mb5.2/176,Error ellipse: s-maj=13.3km s-min=11.7km az=147.0

MOS 07:08:18:11:4:0.9,6:39S:154:26E,h49km,h49km,mb5.4/44,Error ellipse: s-maj=7.3km s-min=1.2km az=102.6

GCMT 07:08:18:13:2:0.2,6:42S:0:01:154:39E:0:01,h23km,s68,c96; s115,c195; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.59E+18; Mw:5.74E+13; Ms:2.15E+11; Mx:-3.79E+26; My:0.69E+10; Mz:3.35E+26; Best double couple: Mo:7.16200e10^16 NP1:0:53.00000, 0:836.00000, A:320.00000. NP2:0:297.00000, 0:872.00000, A:122.00000.

Principal axes: T 7.2120, P1g52.0000, Azm245.0000; N -0.1000, P1g30.0000, Azm106.0000; P -7.1120, P1g20.0000, Azm3.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

DJA 07:08:18:13:3:0.4,6:32S:15:45E,h64km,4km,Ms3.6/67,mb5.3/67,mb5.7/36,ML5.5/36,MW5.5/36,MW5.5/36

ISC 07:08:18:07:4:1.1,6:38S:0:04:154:40E:0:04,h11km,6km,n568,0:1946/575,mb5.2/190,MS4.75E,12C-3D,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists various stations like RABL Rabaul, KRVT Keravat, etc.

| | | | | | | | |
|-------|--------------------------------------------|-------|------|------------|------|------------|------|
| XAN | comp=Z,38nm,1.2s | 58.85 | 316 | P | I | 08 28 06.2 | -0.3 |
| XAN | Xi'an | I | I | 08 28 10.8 | | | |
| MLSI | comp=Z,38nm,1.2s | 58.85 | 279 | P | P | 08 28 04.8 | -2.0 |
| MLSI | Meulaboh, Aceh | P | P | | | | |
| KMI | comp=Z,37nm,0.8s | 59.18 | 304j | eP | P | 08 28 12.5 | +3.3 |
| KMI | Kunming | pP | pP | 08 28 14.8 | +3.4 | | |
| KMI | | sP | gpW | 08 28 16.5 | -2.0 | | |
| KMI | | S | S | 08 28 18.1 | +0.9 | | |
| KMI | comp=Z,34nm,1.3s | | | | | | |
| KMI | | | pmx | | | | |
| KMI | comp=Z,190nm,5.1s | | | LR | LR | | |
| KMI | comp=Z,300nm,16.3s | | | LR | LR | | |
| KMI | comp=Z,480nm,20.6s | | | LR | LR | | |
| KMI | comp=Z,660nm,18.6s | | | LR | LR | | |
| PET | Petropavlovsk | 59.28 | 3 | eP | P | 08 28 17.0 | +8.0 |
| PET | | eS | S | 08 36 21.6 | +4.5 | | |
| PET | | MLR | MLR | | | | |
| PEAOB | comp=Z,2um,17.0s | | | | | | |
| PEAOB | Petropavlovsk | 59.33 | 2 | iP | P | 08 28 09.1 | -0.2 |
| PETK | Petropavlovsk | 59.33 | 2 | P | P | 08 28 10.0 | +0.6 |
| PETK | comp=Z,29nm,1.1s,baz=168,slow=10,SNR=3.6 | | | LR | LR | 08 49 50.2 | |
| PETK | comp=Z,683nm,21.5s,baz=177,slow=32 | | | | | | |
| PETK | Petropavlovsk | 59.33 | 2 | P | P | 08 28 10.0 | +0.6 |
| LAMP | Lampang | 59.38 | 296 | P | P | 08 28 14.1 | +3.7 |
| LAMP | comp=Z,28nm,0.7s | | | | | | |
| PAYA | Payac | 59.45 | 297 | P | P | 08 28 13.6 | +2.7 |
| PAYA | comp=Z,3um,comp=Z,170nm,0.8s | | | | | | |
| CM31 | Chiang Mai Arr | 59.98 | 295 | P | P | 08 28 16.7 | +2.2 |
| CMAR | Chiang Mai Arr | 59.98 | 295 | P | P | 08 28 16.2 | +1.6 |
| CMAR | comp=Z,6.3nm,0.8s,baz=116,slow=5.1,SNR=29 | | | | | 08 54 25.8 | |
| CMAR | comp=Z,289nm,18.9s,baz=138,slow=36 | | | | | 08 57 51.0 | |
| CMAR | PKP2bc | | | | | | |
| CMAR | comp=Z,2.8nm,0.5s,baz=301,slow=3.5,SNR=5.7 | | | | | | |
| CMMT | Chiang Mai | 60.09 | 296 | P | P | 08 28 17.0 | +1.7 |
| CHTO | Chiang Mai | 60.10 | 296 | P | P | 08 28 14.3 | -1.1 |
| CHTO | | | | pmx | pmx | | |
| CHTO | comp=Z,28nm,1.4s | | | | | | |
| CHTO | Chiang Mai | 60.10 | 296 | P | I | 08 28 14.2 | -1.1 |
| CHTO | | | | I | I | 08 28 23.3 | |
| MHMT | Maesarieng | 60.80 | 295 | P | P | 08 28 34.0 | +1.4 |
| CD2 | Chengdu | 60.96 | 311 | P | P | 08 28 22.8 | +1.7 |
| CD2 | | | | S | S | 08 36 42.4 | +2.8 |
| CD2 | | | | S | S | 08 38 14.5 | +1.8 |
| CD2 | | | | ScS | ScS | | |
| CD2 | | | | pmx | pmx | | |
| CD2 | comp=Z,120nm,0.8s | | | | | | |
| CD2 | comp=Z,340nm,6.2s | | | | | | |
| CD2 | comp=Z,770nm,19.2s | | | LR | LR | | |
| CD2 | comp=Z,730nm,19.6s | | | LR | LR | | |
| CD2 | comp=Z,900nm,19.0s | | | LR | LR | | |
| HHC | Hu-ho-hao-te | 61.25 | 324 | eP | P | 08 28 25.5 | +2.6 |
| HHC | | S | S | 08 36 43.6 | +0.6 | | |
| HHC | | sS | sS | 08 36 53.0 | +6.7 | | |
| HHC | | | | pmx | pmx | | |
| HHC | comp=Z,10.0nm,1.0s | | | | | | |
| HHC | comp=Z,210nm,4.8s | | | | | | |
| HHC | comp=Z,580nm,17.7s | | | LR | LR | | |
| HHC | comp=Z,490nm,18.8s | | | LR | LR | | |
| HIA | Hailar | 63.12 | 335 | P | P | 08 28 35.1 | -0.1 |
| HIA | | | | pmx | pmx | | |
| HIA | comp=Z,35nm,1.0s | | | | | | |
| HIA | Hailar | 63.12 | 335 | P | P | 08 28 35.0 | -0.1 |
| LZH | Lanzhou | 63.46 | 316 | eP | P | 08 28 39.8 | +1.9 |
| LZH | | gpP | gpW | 08 37 12.1 | +0.9 | | |
| LZH | | S | S | 08 37 21.9 | +7.3 | | |
| LZH | | SS | SS | 08 41 23.2 | +4.7 | | |
| LZH | | | | pmx | pmx | | |
| LZH | comp=Z,22nm,1.2s | | | | | | |
| LZH | comp=Z,200nm,6.0s | | | | | | |
| LZH | comp=Z,560nm,17.1s | | | LR | LR | | |
| LZH | comp=Z,700nm,17.8s | | | LR | LR | | |
| LZH | comp=Z,660nm,19.1s | | | LR | LR | | |
| ZEa | Zeya | 64.11 | 342 | eP | P | 08 28 42.0 | +0.4 |
| ZEa | | | | pmx | pmx | | |
| ZEa | comp=N,20nm,1.5s | | | | | | |
| TAOE | comp=Z,30nm,1.0s | | | | | | |
| TAOE | Nuku Hiva Isla | 64.86 | 97 | eLR | LR | 08 47 58.0 | |
| NIKH | Nikolski High | 66.81 | 23 | P | P | 08 28 58.6 | -0.5 |
| CASY | Casey | 66.99 | 198 | P | P | 08 28 59.0 | -1.1 |
| GTA | Gaotai | 67.88 | 317 | eP | P | 08 29 07.6 | +1.2 |
| GTA | | | | gpP | gpW | 08 29 12.2 | -3.5 |
| GTA | | | | sP | sP | 08 29 15.5 | +6.9 |
| GTA | | | | S | S | 08 38 05.8 | +0.6 |
| GTA | | | | pmx | pmx | | |
| GTA | comp=Z,7.0nm,1.4s | | | | | | |
| GTA | comp=Z,130nm,5.2s | | | LR | LR | | |
| GTA | comp=Z,400nm,18.3s | | | LR | LR | | |
| GTA | comp=Z,380nm,19.9s | | | LR | LR | | |
| ULN | comp=Z,510nm,20.3s | | | LR | LR | | |
| ULN | Ulanbatar | 68.17 | 328 | eP | P | 08 29 08.3 | +0.3 |
| ULN | | | | pmx | pmx | | |
| ULN | comp=Z,22nm,1.7s | | | | | | |
| ULN | Ulanbatar | 68.17 | 328 | P | P | 08 29 08.6 | +0.6 |
| ULN | | | | I | I | 08 29 15.4 | |
| SHL | Shilong | 68.47 | 301 | P | P | 08 29 11.0 | +0.6 |
| SHL | | | | pmx | pmx | | |
| SHL | comp=Z,47nm,0.9s | | | | | | |
| SHL | Shilong | 68.47 | 301 | P | P | 08 29 10.9 | +0.6 |
| SONM | Songino Array | 68.50 | 327 | P | P | 08 29 10.8 | +0.7 |
| SONM | comp=Z,13nm,0.9s,baz=136,slow=4.8,SNR=34 | | | | | 08 57 27.3 | |
| SONM | comp=Z,1.0nm,1.0s,baz=207,slow=1.7,SNR=4.8 | | | | | 08 59 18.8 | |
| SONM | LR | | | | | | |
| SONM | comp=Z,390nm,19.2s,baz=113,slow=36 | | | | | | |
| SEY | Seymchan | 69.13 | 359 | iP | P | 08 29 14.4 | +0.9 |
| LSA | Lhasa | 70.43 | 304 | P | P | 08 29 24.6 | +1.8 |
| LSA | | | | S | S | 08 38 33.4 | -3.0 |
| LSA | | | | pmx | pmx | | |
| LSA | comp=Z,140nm,0.9s | | | LR | LR | | |
| LSA | comp=Z,840nm,19.6s | | | LR | LR | | |
| LSA | comp=Z,1um,21.0s | | | LR | LR | | |
| YAK | Yakutsk | 70.83 | 348 | eP | P | 08 29 23.8 | -0.1 |
| YAK | | | | pmx | pmx | | |
| YAK | comp=Z,61nm,1.3s | | | | | | |
| YAK | Yakutsk | 70.83 | 348 | P | P | 08 29 23.5 | -0.4 |
| VNDA | Vanda | 71.21 | 178 | P | P | 08 29 26.4 | +0.3 |
| VNDA | comp=Z,14nm,1.0s,baz=331,slow=6.4,SNR=25 | | | | | | |
| VNDA | Vanda | 71.21 | 178 | P | P | 08 29 26.6 | +0.5 |
| VNDA | | | | pmx | pmx | | |
| VNDA | comp=Z,15nm,1.0s | | | | | | |
| VNDA | Vanda | 71.21 | 178 | P | P | 08 29 26.6 | +0.5 |
| ZAK | Zakamensk | 71.66 | 328 | eP | P | 08 29 28.9 | -0.5 |
| ZAK | | | | pmx | pmx | | |
| ZAK | comp=Z,31nm,1.3s | | | | | | |
| ZAK | | | | pmx | pmx | | |
| BOD | Bodaibo | 71.83 | 339 | eP | P | 08 29 30.6 | +0.5 |
| BOD | | | | pmx | pmx | | |
| BOD | comp=Z,12nm,1.9s | | | | | | |
| TLY | Talaya | 72.23 | 330 | P | P | 08 29 33.1 | +0.4 |

| | | | | | | | |
|------|-------------------------------------------|-------|-----|-----|-----|------------|------|
| TLY | Talaya | 72.23 | 330 | eP | P | 08 29 33.7 | +1.0 |
| TLY | | | | eS | S | 08 38 51.7 | -3.7 |
| TLY | | | | eSS | SS | 08 43 23.7 | -1.0 |
| TLY | | | | pmx | pmx | | |
| TLY | comp=Z,45nm,1.3s | | | MLR | MLR | | |
| TLY | comp=Z,362nm,13.0s | | | | | | |
| TLY | Talaya | 72.23 | 330 | P | P | 08 29 32.8 | +0.1 |
| TAPN | Taplejung | 72.57 | 301 | eP | P | 08 29 37.0 | +1.4 |
| ODAN | Odang | 72.71 | 301 | eP | P | 08 29 37.7 | +1.4 |
| RAMN | Ramite | 73.41 | 300 | eP | P | 08 29 41.3 | +0.8 |
| MOY | Mondy | 73.58 | 329 | eP | P | 08 29 43.6 | +2.8 |
| MOY | | | | pmx | pmx | | |
| GUN | Gumba | 74.29 | 301 | eP | P | 08 29 46.9 | +1.1 |
| PKI | Pulchoki | 74.60 | 301 | eP | P | 08 29 48.2 | +0.7 |
| PKI | comp=Z,129nm,1.1s | | | | | | |
| PKIN | Phulchoki | 74.61 | 301 | eP | P | 08 29 48.4 | +0.9 |
| PKIN | comp=Z,94nm,1.0s | | | | | | |
| BILL | Bilibino | 74.72 | 5 | eP | P | 08 29 47.3 | +0.4 |
| BILL | | | | e | e | 08 30 01.6 | |
| BILL | | | | e | e | 08 32 34.6 | |
| BILL | | | | eSS | SS | 08 44 11.9 | +3.1 |
| BILL | | | | pmx | pmx | | |
| BILL | comp=Z,15nm,0.8s | | | | | | |
| BILL | comp=Z,414nm,18.0s | | | MLR | MLR | | |
| BILL | Bilibino | 74.72 | 5 | P | P | 08 29 47.8 | +0.9 |
| BILL | | | | I | I | 08 29 52.5 | |
| BILL | comp=Z,20nm,0.9s | | | | | | |
| PALK | Pallekele | 74.75 | 279 | P | P | 08 29 48.6 | +0.2 |
| PALK | comp=Z,18nm,0.9s,baz=185,slow=6.2,SNR=9.9 | | | | | | |
| PALK | Pallekele | 74.75 | 279 | P | P | 08 29 47.2 | -1.1 |
| PALK | | | | pmx | pmx | | |
| PALK | comp=Z,31nm,1.1s | | | | | | |
| PALK | Pallekele | 74.75 | 279 | P | I | 08 29 47.2 | -1.1 |
| PALK | | | | I | I | 08 29 50.7 | |
| KKN | Kakani | 74.77 | 301 | eP | P | 08 29 49.7 | +1.3 |
| DMN | Daman | 74.87 | 301 | eP | P | 08 29 50.1 | +1.1 |
| DMN | comp=Z,183nm,1.0s | | | | | | |
| GKN | Gorkha | 75.37 | 301 | eP | P | 08 29 52.7 | +0.9 |
| GKN | comp=Z,209nm,0.9s | | | | | | |
| KOLN | Koldanda | 76.20 | 300 | eP | P | 08 29 57.4 | +0.8 |
| KOLN | comp=Z,197nm,0.9s | | | | | | |
| DANN | Dangsing | 76.21 | 301 | eP | P | 08 29 57.4 | +0.6 |
| DANN | comp=Z,99nm,0.6s | | | | | | |
| PYUN | Piuthan | 76.30 | 301 | eP | P | 08 30 00.5 | +0.5 |
| PYUN | comp=Z,278nm,0.9s | | | | | | |
| WMQ | Urumqi | 77.97 | 317 | eP | P | 08 30 09.1 | +3.1 |
| WMQ | | | | sP | P | 08 30 17.0 | +1.2 |
| WMQ | | | | P | P | | |
| WMQ | comp=Z,22nm,1.1s | | | | | | |
| WMQ | comp=Z,290nm,4.1s | | | | | | |
| WMQ | comp=Z,510nm,21.9s | | | LR | LR | | |
| WMQ | comp=Z,460nm,21.1s | | | LR | LR | | |
| HYB | Hyderabad | 78.50 | 289 | iP | P | 08 30 09.5 | 0.0 |
| TTA | Tatar | 78.66 | 21 | P | P | 08 30 10.3 | +0.8 |
| TTA | | | | pmx | pmx | | |
| TTA | comp=Z,33nm,1.1s | | | | | | |
| TTA | Tatalina | 78.66 | 21 | P | I | 08 30 10.2 | +0.8 |
| TTA | | | | I | I | 08 30 14.9 | |
| TIXI | Tiksi | 79.66 | 352 | eP | P | 08 30 15.4 | +0.8 |
| TIXI | | | | pmx | pmx | | |
| TIXI | comp=Z,51nm,1.7s | | | | | | |
| TIXI | Tiksi | 79.66 | 352 | P | P | 08 30 15.5 | +0.9 |
| SUA | Susitna One | 79.75 | 24 | P | P | 08 30 14.5 | -0.9 |
| SUA | | | | I | I | 08 30 22.3 | |
| RDOG | Red Dog Mine | 80.08 | 15 | P | I | 08 30 17.8 | +0.8 |
| RDOG | | | | I | I | 08 30 24.2 | |
| DGZ | Jazzart, Alta | 80.29 | 323 | iP | P | 08 30 18.2 | -0.5 |
| DGZ | | | | pmx | pmx | | |
| DGZ | comp=Z,8.0nm,1.0s | | | | | | |
| PMR | Palmer | 80.47 | 24 | P | P | 08 30 21.3 | +2.2 |
| PMR | | | | pmx | pmx | | |
| PMR | comp=Z,43nm,1.2s | | | | | | |
| PMR | Palmer | 80.47 | 24 | P | I | 08 30 21.3 | +2.2 |
| PMR | | | | I | I | 08 30 23.8 | |

7d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDPB Devils Postpile, PAHR Pah Rah Range, OMBD Old Mammoth Mt, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like WALA Waterton Lakes, KNB Kanab, YKA Yellowknife Ar, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT 7.8nm,0.3s, HNR Honiara, etc.

NEIC 07 08:35:41.3r,1.3,6:15s:0.1;154.81E:0.06,h10km,2km, mb4,4/8, Error ellipse: s-maj=23.0km s-min=10.1km az=8.0

IDC 07 08:35:42.8z,2.4,6:22S:154.47E,h0km,mb4,2/3, mb1 4.5/5, mb1mx3.8/44, mbtmp4.4/5, ML2.5/1, Error ellipse: s-maj=49.1km s-min=35.9km az=121.0

ISC 07 08:35:41.9r,1.1,6:10S:0.10;154.67E:0.10,h10km,n17, r1942/19,mb4,3/5,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Time Res, Res. Includes stations like RABL Rabaul, KRVT Keravat, etc.

IDC 07 08:39:39.7z,0.8,4:12S:133.07E,h0km,mb4,0/0, mb1 4.3/15, mb1mx1.1/37, mbtmp4.2/15, ML3.0/4, Error ellipse: s-maj=24.5km s-min=15.6km az=72.0

DJA 07 08:39:44.6z,1.2,4:S:2.1x13.3E,h33km,19km,M4,7/10, mb5.8/3, mb4.6/6, MLV4.6/10, Mw(m)5/4.3

NEIC 07 08:39:45.4z,1.8,4:09S:0.06;133.18E:0.08,h40km,8km, mb4,6/13, Error ellipse: s-maj=11.4km s-min=8.3km az=97.0

ISC 07 08:39:44.0z,0.5,4:11S:0.05;133.11E:0.06,h35km,n48, r1999/53,mb4,2/12,Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, Time Res, Res. Includes stations like FAKI Fak Fak, SAUI Saumlaki, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sultanhani-AKS, Andrin, ADANA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chebaa, Neva Ativ, Giv'at Ha'Em, etc.

ICD 07 09:05:10.9... 1.6:52S:154.60E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.8/49, mbtmp3.9/9, ML4.4/1, MS3.7/7, Ms1 3.7/7, ms1mx3.2/38, Error ellipse: s-maj=34.0km s-min=24.1km az=94.0

ISC 07 09:05:12.1... 0.7:49S:008:154.73E:0.08:h10km,n17, az=178/16, mb3.8/9, MS3.6/6, Bougainville-Solomon islands region

ISK 07 08:49:01.9, 36:76N:34:50E, h5km, ML3.6/33 GRAL 07 08:49:02.2, 0.3, 36:67N:34:39E, h0km, 53km, MD3.8 GII 07 08:49:02.3, 0.0, 36:80N:34:50E, h14km, MD2.62, Mm3.05

DDA 07 08:49:02.2, 36:80N:34:58E, h14km, 2km, MW3.6 NIC 07 08:49:06.3, 0.0, 36:68N:34:58E, h32km, 60km, MG.4/4 ISC 07 08:49:01.7, 1.0, 36:79N:0:02, h15km, 7km, n84, c1948/132, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mersin, KIZK, KERG, KARATAS, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Keravat (AS076), Honiara, GAZI, etc.

ICD 07 09:07:13.7... 1.0:79N:77:63W, h0km, mb3.5/4, mb1 3.9/7, mb1mx3.7/34, mbtmp3.7/7, ML3.2/5, MS3.3/6, Ms1 3.6/6, ms1mx3.2/27, Error ellipse: s-maj=42.5km s-min=19.6km az=63.0

RSNC 07 09:07:13.1... 1.0:0:78N:77:90W, h5km, 6km, ML3.4, Mw4.2 ISC 07 09:07:14.2... 0.6:071N:0:04:77:86W:0.04, h10km, n53, az=23/71, mb3.5/4, MS3.0/3, 2C-4D, Colombia-Ecuador border region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, STKA Stephens Creek, NOA NORARS Array B, etc.

IDC 07 09:58:58.5: 0.9, 39.02N: 106.106E, h0km, mb3.6/9, mb1.3/7.1, mb1mx3.5/5.0, mbtmp3.6/11, ML3.2/2, Error ellipse: s-maj=30.0km s-min=16.8km az=62.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 07 09:40:10.6: 1.3, 6:54S: 154.47E, h0km, mb3.8/4, mb1.4/0.6, mb1mx3.6/4.2, mbtmp3.9/6, ML1.8/1, MS3.0/3, Ms1.3/0.3, ms1mx2.7/2.7, Error ellipse: s-maj=33.1km s-min=25.3km az=110.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), HNR Honiara, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 07 09:57:28.5: 3.4, 5:59S: 153.44E, h0km, mb3.3/2, mb1.3/6.2, mb1mx3.3/3.0, mbtmp3.4/2, Error ellipse: s-maj=71.1km s-min=36.4km az=87.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat (AS076), WRA Warramunga Arr, ASAR Alice Springs, etc.

TRN 07 10:04:13.2, 18:24N: 63.04W, h3km, MD3.7, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SEUS St. Eustatius, SKOC St. Kitts, UWI, ANBD Bethesda, Anti, ANBD.

WEL 07 10:23:43.3, 42:52:17.3E, h68km, gkm, M2.8/17, ML2.8/16, MLV2.8/17, Error ellipse: s-maj=0.0km s-min=0.0km az=70.2, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THZ Tophouse, KHW Kahurangi, BSWZ Blackbirch Sta, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BORG Borgarnes, SCO Scoresbysund, EKA Eskdalemuir Ar, etc.

IDC 07 10:38:13.7: 0.6, 64:71N: 17:43W, h0km, mb3.8/14, mb1.4/0.18, mb1mx3.8/6.8, mbtmp3.8/18, ML2.4/3, MS3.5/2, Ms1.3/5.2, ms1mx2.7/5.5, Error ellipse: s-maj=21.3km s-min=9.9km az=11.0

REY 07 10:38:13.8, 64:67N: 17:36W, h8km, NEIC 07 10:38:17.8, 17:8: 1.7, 64:69N: 0:09: 17.18W: 0:06, hgkm, 4km, mb4.6/4.5, Error ellipse: s-maj=13.1km s-min=3.0km

IDC 07 10:38:15.7: 0.4, 64:66N: 0:02: 17:35W: 0:02, h10km, n130, e240/139, mb4.5/37, Iceland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDYN Dyngjuhlams, IDYK Dyngjujokull, IVON Vonarskard, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KEV Kevo, WLF Walfardegg, FINES FINES Array B, etc.

IDC 07 10:41:57.3: 3.8, 6:54S: 154.65E, h0km, mb3.1/2, mb1.3/4.2, mb1mx3.2/3.2, mbtmp3.1/2, Error ellipse: s-maj=9.8km s-min=5.3km az=29.0, Bougainville-Solomon Islands region

| | | | | | | |
|--------------------|--------------------------------------------|-----------|---------|-----------------|-----------------|------------|
| Y55A | baz=206,SNR=14 | S | S | 12 20 24.5 +1.1 | | |
| WMOK | Wichita Mounta | 21.98 344 | P | S | 12 16 21.7 -1.0 | |
| WMOK | baz=161,SNR=132 | S | S | 12 20 23.5 -0.8 | | |
| WMOK | Wichita Mounta | 21.98 344 | P | P | 12 16 21.8 -1.0 | |
| WMOK | comp=Z,103nm,0.8s | | P | pmax | | |
| WMOK | Wichita Mounta | 21.98 344 | P | P | 12 16 21.8 -1.0 | |
| SWET | Sewanee | 21.99 12 | P | P | 12 16 22.8 -0.1 | |
| Y56A | Pelion | 22.01 23 | P | P | 12 16 24.7 +1.7 | |
| baz=207,SNR=7.4 | | | | | | |
| MNTX | Cornudas Mount | 22.02 327 | P | P | 12 16 23.9 +0.6 | |
| baz=141,SNR=1000 | | | | | | |
| MNTX | | | S | S | 12 20 25.0 -0.3 | |
| MNTX | Cornudas Mount | 22.02 327 | P | P | 12 16 22.5 -0.8 | |
| W50A | Signal Mountai | 22.10 13 | P | P | 12 16 23.8 -0.3 | |
| W50A | comp=Z,480nm,1.2s | | IAMs_20 | IAMs_20 | 12 16 36.6 | |
| FNO | Franklin | 22.13 347 | P | P | 12 16 23.7 -0.7 | |
| GNAR | Gosnell | 22.20 3 | P | P | 12 16 24.5 -0.6 | |
| Z58A | St. Stephen | 22.22 26 | P | P | 12 16 26.5 +1.2 | |
| baz=211,SNR=15 | | | | | | |
| OKCSW | OKLAHOMA CITY | 22.28 347 | P | P | 12 16 25.7 +0.3 | |
| OKCFA | Oklahoma City | 22.30 347 | P | P | 12 16 25.0 -1.1 | |
| X54A | Belton | 22.31 20 | P | P | 12 16 27.1 +0.8 | |
| baz=204,SNR=43 | | | | | | |
| X54A | Smith Brothers | 22.33 10 | P | P | 12 16 26.0 -0.5 | |
| V48A | comp=Z,189nm,20.0s | | IAMs_20 | IAMs_20 | 12 16 49.9 | |
| V48A | comp=Z,480nm,1.2s | | IAMs_20 | IAMs_20 | 12 26 39.5 | |
| CPRY | Cap Rock | 22.34 332 | P | P | 12 16 26.9 +0.1 | |
| PEBM | Pemiscott Bay | 22.36 3 | P | P | 12 16 26.6 -0.2 | |
| OK025 | Westminster Rd | 22.43 347 | P | P | 12 16 26.6 -1.0 | |
| TUL1 | Leonard | 22.46 351 | P | P | 12 16 26.7 -1.3 | |
| baz=169,SNR=24 | | | | | | |
| TUL1 | Leonard | 22.46 351 | P | P | 12 20 33.0 -0.3 | |
| TUL1 | Leonard | 22.46 351 | P | IAMB | 12 16 26.6 -1.3 | |
| baz=169 | | | | | | |
| X55A | comp=Z,158nm,0.7s | 22.50 22 | P | P | 12 16 29.0 +0.7 | |
| Graceyll & Ava | | | | | | |
| X55A | baz=206,SNR=26 | | S | S | 12 20 37.2 +3.3 | |
| CPCT | Cooper Cave | 22.53 15 | P | P | 12 16 28.6 0.0 | |
| CPCT | comp=Z,324nm,1.1s | | IAMB | IAMB | 12 16 41.7 | |
| GLAT | Glass | 22.55 4 | P | P | 12 16 28.9 +0.1 | |
| BCOK | Bluff Creek, N | 22.56 347 | P | P | 12 16 27.7 -1.3 | |
| WVT | Waverly | 22.56 8 | P | P | 12 16 28.8 -0.2 | |
| baz=189 | | | | | | |
| WVT | Waverly | 22.56 8 | P | P | 12 20 34.1 -1.0 | |
| WVT | Waverly | 22.56 8 | P | P | 12 16 28.2 -0.8 | |
| WVT | comp=Z,293nm,1.2s | | P | pmax | | |
| WVT | Waverly | 22.56 8 | P | IAMB | 12 16 28.2 -0.8 | |
| WVT | Waverly | 22.56 8 | P | IAMB | 12 16 39.9 | |
| Y57A | Sumter | 22.57 24 | P | P | 12 16 30.0 +1.0 | |
| Sumter | baz=209,SNR=24 | | | | | |
| Y57A | Sumter | 22.57 24 | P | P | 12 16 29.1 0.0 | |
| Y57A | comp=Z,239nm,1.2s | | IAMs_20 | IAMs_20 | 12 26 00.4 | |
| U40A | Yellville | 22.60 357 | P | P | 12 16 28.7 -0.7 | |
| comp=Z,239nm,19.0s | | | | | | |
| U40A | Yellville | 22.60 357 | P | S | 12 20 34.3 -1.4 | |
| baz=176,SNR=59 | | | | | | |
| U40A | Yellville | 22.60 357 | P | IAMB | 12 16 28.4 -1.0 | |
| U40A | Yellville | 22.60 357 | P | IAMB | 12 16 52.2 | |
| OK030 | Cody Creek RV | 22.65 349 | P | P | 12 16 28.7 -1.3 | |
| OK030 | comp=Z,221nm,1.0s | | IAMB | IAMB | 12 16 53.1 | |
| MSTX | Muleshoe | 22.66 335 | P | P | 12 16 29.5 -0.7 | |
| baz=150,SNR=201 | | | | | | |
| MSTX | Muleshoe | 22.66 335 | P | S | 12 20 35.1 -2.0 | |
| MSTX | Muleshoe | 22.66 335 | P | P | 12 16 29.3 -0.8 | |
| MSTX | Muleshoe | 22.66 335 | P | IAMB | 12 16 35.4 | |
| UTMT | University of | 22.66 5 | P | P | 12 16 29.6 -0.4 | |
| OK031 | S. Brethren Rd | 22.69 349 | P | P | 12 16 28.7 -1.6 | |
| OK031 | comp=Z,416nm,1.4s | | IAMB | IAMB | 12 16 41.3 | |
| PENMO | Penman | 22.71 4 | P | P | 12 16 30.4 -0.1 | |
| PENMO | comp=Z,386nm,1.1s | | IAMB | IAMB | 12 16 32.9 | |
| X56A | White Oak | 22.73 23 | P | P | 12 16 31.8 +1.0 | |
| baz=207,SNR=43 | | | | | | |
| X56A | Cedars of Leba | 22.76 11 | P | S | 12 20 38.9 +0.7 | |
| CLTN | Cedars of Leba | 22.76 11 | P | IAMB | 12 16 30.7 -0.3 | |
| CLTN | comp=Z,225nm,1.0s | | IAMB | IAMB | 12 16 54.6 | |
| Y58A | Scranton | 22.77 26 | P | P | 12 16 31.5 +0.3 | |
| baz=211,SNR=9.3 | | | | | | |
| Y58A | Scranton | 22.77 26 | P | IAMs_20 | IAMs_20 | 12 26 04.8 |
| HICK | Hickman | 22.83 5 | P | P | 12 16 30.6 -1.2 | |
| W54A | Cherokee Point | 22.86 20 | P | P | 12 16 33.2 +1.1 | |
| baz=204,SNR=52 | | | | | | |
| W54A | Quay | 22.87 349 | P | S | 12 20 42.5 +2.1 | |
| QUOK | Quay | 22.87 349 | P | P | 12 16 31.6 -0.7 | |
| QUOK | comp=Z,284nm,1.3s | | IAMB | IAMB | 12 16 44.2 | |
| PARMO | Parma | 22.91 3 | P | P | 12 16 31.8 -0.9 | |
| TKL | Tuckaleechee C | 22.92 16 | P | P | 12 16 31.9 -0.9 | |
| TKL | comp=Z,108nm,0.6s, baz=194,slow=9.8,SNR=74 | | | | | |
| TKL | Tuckaleechee C | 22.92 16 | P | LR | 12 27 28.2 | |
| Y22D | IRIS PASCAL I | 24.68 328 | P | P | 12 16 32.7 0.0 | |
| TKL | Henderson Moun | 22.98 4 | P | P | 12 16 32.4 -1.0 | |
| PBMO | Poplar Bluff | 23.00 2 | P | P | 12 16 32.2 -1.3 | |
| PBMO | comp=Z,314nm,0.9s | | IAMB | IAMB | 12 16 36.9 | |
| AMTX | Amarillo | 23.04 338 | P | P | 12 16 33.6 -0.5 | |
| baz=154 | | | | | | |
| AMTX | Amarillo | 23.04 338 | P | S | 12 20 43.4 -0.3 | |
| X57A | Johnson Farm, | 23.07 24 | P | P | 12 16 32.8 -1.3 | |
| baz=209,SNR=12 | | | | | | |
| V52A | Sevierville | 23.14 16 | P | P | 12 16 34.7 -0.3 | |
| Y59A | Loris | 23.18 27 | P | P | 12 16 36.0 +0.6 | |
| baz=212,SNR=9.5 | | | | | | |
| Y59A | Loris | 23.18 27 | P | P | 12 16 35.4 -0.1 | |
| Y59A | comp=Z,226nm,0.9s | | IAMB | IAMB | 12 16 48.5 | |
| Y59A | Saluda | 23.20 18 | P | IAMs_20 | IAMs_20 | 12 26 17.9 |
| comp=Z,242nm,20.0s | | | | | | |
| V53A | Saluda | 23.20 18 | P | P | 12 16 36.3 +0.6 | |
| V53A | comp=Z,199nm,22.0s | | IAMs_20 | IAMs_20 | 12 25 54.2 | |
| KMSC | Kings Mountain | 23.21 21 | P | P | 12 16 36.3 +0.7 | |
| baz=206,SNR=58 | | | | | | |
| KMSC | Kings Mountain | 23.21 21 | P | S | 12 20 46.8 +0.5 | |
| KMSC | Kings Mountain | 23.21 21 | P | P | 12 16 35.4 -0.3 | |
| KMSC | comp=Z,230nm,0.8s | | IAMB | IAMB | 12 17 00.3 | |
| KMSC | Kings Mountain | 23.21 21 | P | IAMs_20 | IAMs_20 | 12 26 03.2 |
| T45A | Paducah | 23.35 6 | P | P | 12 16 36.9 -0.2 | |
| MGMO | Mountain Grove | 23.37 358 | P | P | 12 16 35.9 -1.4 | |
| MGMO | comp=Z,258nm,1.1s | | IAMB | IAMB | 12 16 39.0 | |
| CROK | Carrier | 23.46 347 | P | P | 12 16 38.4 +0.2 | |
| X58A | Rowland | 23.46 26 | P | P | 12 16 38.4 +0.2 | |
| baz=211,SNR=11 | | | | | | |
| X58A | Rowland | 23.46 26 | P | IAMs_20 | IAMs_20 | 12 26 26.3 |
| W56A | Indian Trail | 23.47 23 | P | P | 12 16 38.4 0.0 | |
| baz=207,SNR=30 | | | | | | |
| W56A | Bolivia | 23.50 28 | P | S | 12 20 52.4 +1.7 | |
| baz=207 | | | | | | |
| Y60A | Bolivia | 23.50 28 | P | P | 12 16 39.0 +0.5 | |
| baz=214 | | | | | | |

| | | | | | | |
|-------------------------------------|--------------------|-----------|---------|---------|-----------------|-----------------|
| Y60A | Bolivia | 23.50 28 | IAMs_20 | IAMs_20 | 12 26 26.1 | |
| V54A | Nebo | 23.57 20 | P | P | 12 16 39.7 +0.4 | |
| baz=204,SNR=42 | | | | | | |
| V54A | Winter Ranch, | 23.59 345 | P | S | 12 20 55.7 +3.4 | |
| U32A | U32A | 23.59 345 | P | IAMB | 12 16 38.7 -0.7 | |
| comp=Z,147nm,1.1s | | | | | | |
| HSIG | HSIG | 23.68 313 | P | P | 12 16 39.4 -1.0 | |
| HSIG | comp=Z,137nm,1.1s | | IAMB | IAMB | 12 16 45.2 | |
| HSIG | comp=Z,199nm,20.0s | | IAMs_20 | IAMs_20 | 12 26 30.0 | |
| SRIG | Santa Rosalia | 23.70 308 | P | P | 12 16 41.6 +1.0 | |
| SRIG | comp=Z,246nm,1.1s | | IAMB | IAMB | 12 16 48.3 | |
| W57A | Gilead | 23.72 24 | P | P | 12 16 40.2 -0.4 | |
| baz=208,SNR=11 | | | | | | |
| W57A | Gilead | 23.72 24 | P | S | 12 21 18.6 +2.0 | |
| baz=208 | | | | | | |
| W57A | Gilead | 23.72 24 | P | IAMs_20 | IAMs_20 | 12 26 53.6 |
| comp=Z,199nm,19.0s | | | | | | |
| GC02 | Grant County # | 23.76 347 | P | P | 12 16 40.9 -0.2 | |
| X59A | McDuffie Farm, | 23.80 27 | P | P | 12 16 41.6 +0.2 | |
| baz=212 | | | | | | |
| TZTN | Tazewell | 23.81 16 | P | P | 12 16 42.0 +0.4 | |
| baz=199,SNR=52 | | | | | | |
| TZTN | Tazewell | 23.81 16 | P | S | 12 21 01.9 +5.8 | |
| baz=199 | | | | | | |
| TZTN | Tazewell | 23.81 16 | P | P | 12 16 41.3 -0.3 | |
| KAN14 | Manchester OK | 23.89 347 | P | P | 12 16 41.2 -1.2 | |
| W58A | Reeford | 23.91 25 | P | P | 12 16 42.3 -0.2 | |
| comp=Z,170nm,20.0s | | | | | | |
| S44A | Coondale | 23.97 4 | P | P | 12 16 41.8 -1.3 | |
| 121A | Cookes Peak, D | 23.98 324 | P | P | 12 16 45.4 +2.0 | |
| baz=138,SNR=340 | | | | | | |
| 121A | Cookes Peak, D | 23.98 324 | P | S | 12 21 03.0 +3.8 | |
| baz=138 | | | | | | |
| SIUC | Southern Illin | 24.00 4 | P | P | 12 16 42.1 -1.2 | |
| KAN01 | Argonia South | 24.03 347 | P | P | 12 16 43.0 -0.7 | |
| 319A | Douglas | 24.06 320 | IAMs_20 | IAMs_20 | 12 27 34.9 | |
| comp=Z,170nm,20.0s | | | | | | |
| X60A | Albert Glenn T | 24.08 28 | P | P | 12 16 44.5 +0.4 | |
| baz=214 | | | | | | |
| V56A | Mocksville | 24.11 22 | P | P | 12 16 44.1 -0.2 | |
| baz=203,SNR=43 | | | | | | |
| KAN08 | Anthony Ne Sta | 24.15 347 | P | P | 12 16 42.8 -1.9 | |
| FVM | French Village | 24.20 2 | P | P | 12 16 43.3 -1.9 | |
| FVM | French Village | 24.20 2 | P | P | 12 16 44.7 -1.0 | |
| CCM | Cathedral Cave | 24.26 0 | P | S | 12 21 04.9 +1.8 | |
| CCM | Cathedral Cave | 24.26 0 | P | S | 12 16 44.0 -1.7 | |
| CCM | Cathedral Cave | 24.26 0 | P | pmax | | |
| CCM | Cathedral Cave | 24.26 0 | P | pmax | | |
| CCM | Cathedral Cave | 24.26 0 | P | IAMB | IAMB | 12 16 44.0 -1.7 |
| CCM | Cathedral Cave | 24.26 0 | P | IAMB | IAMB | 12 16 47.0 |
| U54A | Nelsons Funny | 24.30 19 | P | P | 12 16 46.6 +0.4 | |
| baz=203,SNR=50 | | | | | | |
| U54A | Nelsons Funny | 24.30 19 | P | S | 12 21 10.4 +6.5 | |
| W59A | Clinton | 24.37 26 | P | P | 12 16 46.6 -0.2 | |
| USIN | University of | 24.39 7 | P | P | 12 16 46.1 -0.8 | |
| USIN | University of | 24.39 7 | P | IAMB | 12 16 48.6 | |
| ATAH | Atahualpa | 24.41 147 | P | P | 12 16 49.2 +1.5 | |
| comp=Z,214nm,0.9s | | | | | | |
| ATAH | Atahualpa | 24.41 147 | P | LR | 12 25 09.1 | |
| comp=Z,149nm,18.4s, baz=335,slow=64 | | | | | | |
| V57A | Coltrane Farms | 24.45 23 | P | P | 12 16 47.2 -0.3 | |
| baz=208,SNR=50 | | | | | | |
| T53A | Wise | 24.51 17 | P | P | 12 16 48.2 +2.2 | |
| baz=201,SNR=25 | | | | | | |
| T53A | Wise | 24.51 17 | P | S | 12 21 11.8 +4.5 | |
| U55A | TA2, Sparta | 24.53 20 | P | P | 12 16 48.4 +0.1 | |
| baz=205,SNR=31 | | | | | | |
| BNM | Barren Site | 24.59 328 | P | P | 12 16 50.4 +1.3 | |
| W60A | Pin Hill | 24.60 28 | P | P | 12 16 48.8 0.0 | |
| W60A | Pin Hill | 24.60 28 | P | P | 12 16 48.8 -0.3 | |
| W58A | Windy Hill, Pi | 24.62 25 | P | IAMs_20 | IAMs_20 | 12 27 22.0 |
| baz=210,SNR=9.3 | | | | | | |
| V58A | Windy Hill, Pi | 24.62 25 | P | IAMs_20 | IAMs_20 | 12 27 22.0 |
| comp=Z,209nm,19.0s | | | | | | |
| U56A | King | 24.63 22 | P | P | 12 16 49.1 0.0 | |
| baz=206,SNR=27 | | | | | | |
| U56A | King | 24.63 22 | P | S | 12 21 10.6 +1.4 | |
| U56A | King | 24.63 22 | P | P | 12 16 48.9 -0.2 | |
| U56A | King | 24.63 22 | P | IAMB | IAMB | 12 17 17.2 |
| U56A | King | 24.63 22 | P | IAMs_20 | IAMs_20 | 12 27 06.8 |
| comp=Z,189nm,0.9s | | | | | | |
| CNCC | Cliffs of the | 24.67 27 | P | P | 12 16 49.6 +0.1 | |
| comp=Z,189nm,0.9s | | | | | | |
| CNCC | Cliffs of the | 24.67 27 | P | P | 12 16 49.5 0.0 | |
| comp=Z,213,SNR=6.6 | | | IAMB | IAMB | 12 16 59.8 | |
| CNCC | Cliffs of the | 24.67 27 | P | IAMs_20 | IAMs_20 | 12 27 12.3 |
| comp=Z | | | | | | |

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|------|--------------------|-------|-----|----------|----------|------------|------|
| N59A | State Game Lan | 30.36 | 24 | P | P | 12 17 40.3 | -0.2 |
| N59A | State Game Lan | 30.36 | 24 | P | P | 12 17 40.3 | -0.2 |
| N59A | comp=Z,11um,21.0s | | | IAMs_20 | IAMs_20 | 12 30 29.9 | |
| SRU | San Rafael Swe | 30.42 | 330 | P | Pmax | 12 17 42.2 | +1.0 |
| SRU | comp=Z,1.75nm,1.4s | | | P | Pmax | | |
| SRU | San Rafael Swe | 30.42 | 330 | P | P | 12 17 42.2 | +1.0 |
| MTPU | Mount Pierson | 30.46 | 326 | P | P | 12 17 43.6 | +1.8 |
| M58A | Price's Panora | 30.49 | 23 | P | P | 12 17 41.5 | 0.0 |
| M58A | comp=Z,1.1um,20.0s | | | IAMB | IAMB | 12 17 41.5 | -0.6 |
| I45A | Fountain | 30.55 | 7 | P | P | 12 17 41.5 | -0.6 |
| I45A | comp=Z,222nm,1.3s | | | IAMBs_20 | IAMBs_20 | 12 32 04.6 | |
| N60A | Cedar Hill Far | 30.59 | 25 | P | P | 12 17 42.1 | -0.4 |
| N60A | comp=Z,1.8um,19.0s | | | P | P | | |
| SZCU | Shurtz Canyon | 30.64 | 325 | P | P | 12 17 45.2 | +2.0 |
| BRNJ | Basking Ridge | 30.66 | 26 | P | P | 12 17 42.8 | -0.3 |
| BRNJ | comp=Z,59nm,0.8s | | | IAMB | IAMB | 12 17 53.5 | |
| MURC | Murieta | 30.67 | 315 | P | P | 12 17 45.5 | +2.1 |
| MURC | comp=Z,124,SNR=39 | | | S | S | 12 22 49.3 | +4.6 |
| WVNY | West Valley, N | 30.68 | 19 | P | P | 12 17 42.5 | -0.8 |
| WVNY | comp=Z,1.25nm,1.1s | | | IAMB | IAMB | | |
| CCUT | Cedar City | 30.76 | 324 | P | P | 12 17 46.4 | +2.1 |
| L56A | Greenwood | 30.77 | 20 | P | P | 12 17 43.6 | -0.6 |
| L56A | comp=Z,207,SNR=11 | | | P | P | | |
| L56A | Greenwood | 30.77 | 20 | P | P | 12 17 44.1 | -0.1 |
| L56A | comp=Z,87nm,1.0s | | | IAMB | IAMB | 12 18 08.6 | |
| L56A | comp=Z,17um,20.0s | | | IAMBs_20 | IAMBs_20 | 12 30 48.5 | |
| HEC | Hector Ludlow | 30.80 | 317 | P | P | 12 17 47.0 | +2.4 |
| HEC | comp=Z,127,SNR=63 | | | S | S | 12 22 52.5 | +5.7 |
| MSU | Marysville | 30.81 | 327 | P | P | 12 17 45.6 | +0.9 |
| MSU | comp=Z,1.1um,20.0s | | | P | P | 12 17 45.6 | +0.9 |
| P17A | Butcher Ranch, | 30.81 | 330 | P | P | 12 17 46.1 | +1.5 |
| MVU | Marysville | 30.82 | 327 | P | P | 12 17 46.9 | +2.1 |
| H43A | Windswept, Lux | 30.82 | 5 | IAMBs_20 | IAMBs_20 | 12 32 26.7 | |
| N61A | South Mountain | 30.83 | 26 | P | P | 12 17 45.1 | +0.5 |
| N61A | comp=Z,1.1um,20.0s | | | P | P | | |
| BBRC | Big Bear Solar | 30.86 | 316 | P | P | 12 17 47.3 | +2.1 |
| BBRC | comp=Z,125,SNR=56 | | | S | S | 12 22 52.5 | +4.4 |
| TMUT | Trail Mountain | 30.90 | 329 | P | P | 12 17 47.0 | +1.4 |
| L57A | Andrews Acres | 30.90 | 21 | P | P | 12 17 45.1 | -0.1 |
| L57A | comp=Z,208,SNR=7.6 | | | P | P | | |
| KSPA | Keystone Cole | 30.91 | 23 | IAMBs_20 | IAMBs_20 | 12 30 47.4 | |
| KSPA | comp=Z,1.1um,20.0s | | | P | P | | |
| ODNJ | Ogdensburg | 30.98 | 25 | P | P | 12 17 45.7 | -0.1 |
| ODNJ | comp=Z,99nm,1.4s | | | IAMB | IAMB | 12 18 10.0 | |
| ODNJ | comp=Z,99nm,1.4s | | | IAMBs_20 | IAMBs_20 | 12 31 15.1 | |
| BBGH | Gun Hill | 30.98 | 87 | IAMBs_20 | IAMBs_20 | 12 30 11.9 | |
| BBGH | comp=Z,1.2um,21.0s | | | P | P | | |
| CPNY | Central | 31.00 | 26 | IAMBs_20 | IAMBs_20 | 12 31 04.9 | |
| CPNY | comp=Z,1.7um,20.0s | | | P | P | | |
| I49A | Point Hope | 31.02 | 12 | P | P | 12 17 45.1 | -1.1 |
| I49A | comp=Z,153nm,1.1s | | | IAMB | IAMB | 12 17 46.5 | |
| I49A | comp=Z,1.3um,21.0s | | | IAMBs_20 | IAMBs_20 | 12 31 02.9 | |
| RWWY | Rawlins | 31.09 | 337 | P | P | 12 17 47.2 | 0.0 |
| RWWY | comp=Z,88nm,0.9s | | | IAMB | IAMB | 12 17 55.5 | |
| SHPR | Sheep Range | 31.11 | 321 | P | P | 12 17 48.2 | +0.8 |
| SHPR | comp=Z,199nm,1.2s | | | IAMB | IAMB | 12 17 53.7 | |
| M60A | Port Jarvis | 31.17 | 25 | P | P | 12 17 46.9 | -0.8 |
| M60A | comp=Z,21 | | | P | P | | |
| TRNY | Table Rock, Ra | 31.18 | 26 | P | P | 12 17 48.2 | +0.5 |
| MMNY | Mt. Morris Dam | 31.19 | 19 | P | P | 12 17 47.7 | -0.1 |
| MMNY | comp=Z,163nm,1.1s | | | IAMB | IAMB | 12 18 12.3 | |
| MMNY | comp=Z,163nm,1.1s | | | IAMBs_20 | IAMBs_20 | 12 30 54.5 | |
| PAL | Palisades | 31.20 | 26 | P | P | 12 17 47.6 | -0.3 |
| PAL | comp=Z,1.8um,21.0s | | | P | P | | |
| RRX | Edison Barstow | 31.27 | 317 | P | P | 12 17 51.0 | +2.4 |
| RRX | comp=Z,126 | | | P | P | | |
| I51A | Listowel | 31.30 | 15 | P | P | 12 17 47.6 | -1.0 |
| I51A | comp=Z,200,SNR=15 | | | P | P | | |
| L58A | Harry Jones Me | 31.30 | 23 | P | P | 12 17 47.4 | -1.3 |
| L58A | comp=Z,210 | | | P | P | | |
| SUSD | Miller | 31.31 | 350 | P | P | 12 17 47.6 | -1.2 |
| SUSD | comp=Z,166 | | | P | P | | |
| SUSD | Miller | 31.31 | 350 | P | P | 12 17 48.0 | -0.8 |
| SUSD | comp=Z,53nm,0.7s | | | IAMB | IAMB | 12 17 51.4 | |
| BFSC | Mount Baldy Ra | 31.35 | 315 | P | P | 12 17 51.0 | +1.6 |
| BFSC | comp=Z,124,SNR=38 | | | S | S | 12 22 59.8 | +4.3 |
| BFSC | comp=Z,124 | | | S | S | 12 22 59.8 | +4.3 |
| K56A | Middlesex | 31.35 | 20 | P | P | 12 17 48.7 | -0.5 |
| K56A | comp=Z,207,SNR=16 | | | P | P | | |
| BINY | Binghamton | 31.39 | 22 | P | P | 12 17 48.5 | -1.1 |
| BINY | comp=Z,210,SNR=11 | | | P | P | | |
| BINY | Binghamton | 31.39 | 22 | P | P | 12 17 49.0 | -0.6 |
| BINY | comp=Z,1.1um,20.0s | | | IAMB | IAMB | 12 17 53.5 | |
| GSC | Goldstone, Bar | 31.40 | 318 | P | P | 12 17 51.4 | +1.6 |
| GSC | comp=Z,51nm,0.7s | | | P | P | | |
| GSC | Goldstone, Bar | 31.40 | 318 | P | P | 12 17 51.4 | +1.6 |
| GSC | comp=Z,127,SNR=31 | | | S | S | 12 23 01.2 | +5.1 |
| GSC | comp=Z,65nm,1.4s | | | P | Pmax | 12 17 50.0 | +0.2 |
| GSC | comp=Z,8um,20.0s | | | MLR | MLR | | |
| GSC | Goldstone, Bar | 31.40 | 318 | P | P | 12 17 50.0 | +0.2 |
| GSC | comp=Z,1.1um,20.0s | | | P | P | 12 17 49.0 | -0.7 |
| GSC | MEDO | 31.41 | 18 | IAMB | IAMB | 12 18 13.4 | |
| GSC | comp=Z,100nm,1.0s | | | P | P | | |
| SHOC | Shoshone, Teco | 31.42 | 319 | P | P | 12 17 51.7 | +1.8 |
| SHOC | comp=Z,128,SNR=30 | | | S | S | 12 23 01.4 | +5.1 |
| SHOC | comp=Z,128 | | | S | S | 12 23 01.4 | +5.1 |
| CIS | Catalina Islan | 31.42 | 313 | P | P | 12 17 51.5 | +1.6 |
| CIS | comp=Z,122,SNR=18 | | | S | S | 12 23 00.4 | +3.9 |
| SPMN | Marine on St. | 31.44 | 358 | P | P | 12 17 48.6 | -1.3 |
| SPMN | comp=Z,177,SNR=42 | | | P | P | | |
| SPMN | Marine on St. | 31.44 | 358 | P | P | 12 17 48.4 | -1.5 |
| SPMN | comp=Z,73nm,0.6s | | | IAMB | IAMB | 12 17 50.4 | |
| J54A | Appleton | 31.45 | 18 | P | P | 12 17 48.5 | -1.5 |
| J54A | comp=Z,98nm,0.9s | | | IAMB | IAMB | 12 17 50.8 | |
| G40A | Rib Lake | 31.48 | 2 | P | P | 12 17 49.4 | -0.8 |
| G40A | comp=Z,1.1um,21.0s | | | IAMBs_20 | IAMBs_20 | 12 32 49.1 | |
| FMP | Fort Macarthur | 31.50 | 314 | P | P | 12 17 51.4 | +0.9 |
| FMP | comp=Z,123 | | | P | P | | |
| M61A | Granite Spring | 31.52 | 26 | P | P | 12 17 50.2 | -0.5 |
| M61A | comp=Z,214,SNR=5.5 | | | P | P | | |
| GLMI | Graying | 31.55 | 9 | P | P | 12 17 49.5 | -1.4 |
| GLMI | comp=Z,193,SNR=12 | | | P | P | | |
| GLMI | Graying | 31.55 | 9 | P | P | 12 17 49.5 | -1.4 |
| GLMI | comp=Z,1.1um,20.0s | | | IAMBs_20 | IAMBs_20 | 12 32 02.1 | |
| WSPT | Westport, CT | 31.59 | 27 | P | P | 12 17 51.0 | -0.2 |
| WSPT | comp=Z,47nm,0.8s | | | IAMB | IAMB | 12 17 54.5 | |
| WSPT | comp=Z,47nm,0.8s | | | IAMBs_20 | IAMBs_20 | 12 31 23.4 | |
| G45A | Suttons Bay | 31.62 | 8 | P | P | 12 17 50.4 | -1.1 |
| G45A | comp=Z,1.5um,20.0s | | | IAMBs_20 | IAMBs_20 | 12 32 35.7 | |
| MWC | Mount Wilson | 31.62 | 315 | P | Pmax | 12 17 53.1 | +1.3 |
| MWC | comp=Z,1.35nm,1.2s | | | P | Pmax | | |
| MWC | comp=Z,8um,20.0s | | | MLR | MLR | | |
| MWC | Mount Wilson | 31.62 | 315 | P | P | 12 17 53.1 | +1.3 |

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|-------|--------------------|-------|-----|----------|----------|------------|------|
| MWC | comp=Z,134nm,1.2s | | | IAMB | IAMB | 12 17 57.9 | |
| PRN | Pahroc | 31.64 | 323 | P | P | 12 17 52.5 | +0.6 |
| PRN | comp=Z,74nm,1.2s | | | IAMB | IAMB | 12 17 59.8 | |
| K57A | Scipio Center | 31.66 | 21 | P | P | 12 17 51.1 | -0.8 |
| K57A | comp=Z,208,SNR=9.0 | | | P | P | | |
| MPU | Maple Canyon | 31.66 | 330 | P | P | 12 17 52.9 | +0.7 |
| K22A | Casper | 31.66 | 339 | P | P | 12 17 52.2 | 0.0 |
| K22A | comp=Z,1.1um,20.0s | | | IAMB | IAMB | 12 17 56.9 | |
| K22A | Casper | 31.66 | 339 | P | P | 12 17 56.9 | |
| PASC | comp=Z,50nm,0.8s | | | P | P | | |
| PASC | Pasadena Art C | 31.68 | 315 | P | P | 12 17 53.4 | +1.2 |
| PASC | comp=Z,106nm,1.1s | | | IAMB | IAMB | 12 17 58.4 | |
| J55A | Hilton | 31.70 | 19 | P | P | 12 17 52.0 | -0.2 |
| J55A | comp=Z,1.06nm,1.1s | | | IAMB | IAMB | 12 18 15.9 | |
| PSUT | Pine Spring | 31.73 | 325 | P | P | 12 17 54.9 | +2.1 |
| L59A | Walton | 31.74 | 23 | P | P | 12 17 52.0 | -0.6 |
| L59A | comp=Z,211 | | | P | P | | |
| L59A | Walton | 31.74 | 23 | P | P | 12 17 52.3 | -0.3 |
| L59A | comp=Z,39nm,0.7s | | | IAMB | IAMB | 12 17 56.6 | |
| L59A | comp=Z,39nm,0.7s | | | IAMBs_20 | IAMBs_20 | 12 31 31.2 | |
| DECC | Green Verdugo | 31.82 | 315 | P | P | 12 17 55.7 | +2.2 |
| DECC | comp=Z,124,SNR=26 | | | S | S | 12 23 08.7 | +5.9 |
| DECC | comp=Z,124 | | | S | S | 12 23 08.7 | +5.9 |
| NLU | North Lily Min | 31.83 | 329 | P | P | 12 17 54.8 | +1.1 |
| YLE | Yale | 31.88 | 27 | IAMBs_20 | IAMBs_20 | 12 31 32.0 | |
| L60A | Shokan | 31.89 | 25 | P | P | 12 17 53.3 | -0.6 |
| L60A | comp=Z,213 | | | P | P | | |
| EDW2 | Edwards Air Fo | 31.94 | 316 | P | P | 12 17 55.8 | +1.3 |
| EDW2 | comp=Z,125,SNR=68 | | | S | S | 12 23 08.3 | +3.7 |
| EDW2 | comp=Z,125 | | | S | S | 12 23 08.3 | +3.7 |
| KSCST | Kent School, K | 31.98 | 26 | P | P | 12 17 54.5 | -0.2 |
| KSCST | comp=Z,74nm,1.1s | | | IAMB | IAMB | 12 18 16.4 | |
| M62A | Hamden | 32.00 | 27 | P | P | 12 17 55.6 | +0.7 |
| M62A | comp=Z,216 | | | P | P | | |
| K58A | Earlville | | | | | | |

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|------|--------------------|-----------|------------------|---------|-----------------|--|--|
| ELK | comp=Z,84nm,0.9s | | pmax | pmax | | | |
| ELK | comp=Z,9um,20.0s | | MLR | MLR | | | |
| ELK | Elko | 34.05 327 | P | P | 12 18 14.2 +1.1 | | |
| ELK | comp=Z,84nm,0.9s | | IAMB | IAMB | 12 18 18.6 | | |
| ELK | comp=Z,9um,20.0s | | IAMS_20 | IAMS_20 | 12 33 34.9 | | |
| LOHW | Long Hollow | 34.06 335 | P | P | 12 18 13.6 +0.5 | | |
| LOHW | comp=Z,9um,20.0s | | IAMB | IAMB | 12 18 16.4 | | |
| ALGO | Algonquin Park | 34.08 17 | P | P | 12 18 12.1 -0.8 | | |
| ALGO | comp=Z,7.3nm,0.8s | | | | | | |
| MLAC | Mammoth, Mammoth | 34.10 319 | P | P | 12 18 16.2 +2.6 | | |
| MLAC | baz=204,SNR=18 | | | | | | |
| HNN | Hanover | 34.11 25 | IAMS_20 | IAMS_20 | 12 33 10.0 | | |
| HNN | comp=Z,1.4um,19.0s | | | | | | |
| EYMN | Ely | 34.14 360 | P | P | 12 18 11.9 -1.7 | | |
| EYMN | baz=180,SNR=7.8 | | | | | | |
| EYMN | Ely | 34.14 360 | P | P | 12 18 11.9 -1.7 | | |
| EYMN | comp=Z,3.3nm,0.7s | | IAMS_20 | IAMS_20 | 12 34 43.6 | | |
| NV11 | Mina Array Sit | 34.17 321 | P | P | 12 18 15.6 +1.5 | | |
| NV11 | comp=Z,9um,20.0s | | | | | | |
| FFD | Franklin Falls | 34.18 26 | IAMS_20 | IAMS_20 | 12 33 19.4 | | |
| FFD | comp=Z,8um,18.0s | | | | | | |
| OMMB | Old Mammoth Mi | 34.20 319 | P | P | 12 18 15.9 +1.4 | | |
| OMMB | Extrema | 34.23 132 | eP | eP | 12 18 14.2 -0.4 | | |
| ETMB | ETMB | 34.23 132 | eS | eS | 12 23 42.2 +1.9 | | |
| MDPB | Devils Postpil | 34.26 319 | P | P | 12 18 16.0 +1.0 | | |
| MDPB | comp=Z,57nm,0.8s | | IAMB | IAMB | 12 18 19.6 | | |
| NVAR | Mina Array Bea | 34.26 321 | P | P | 12 18 16.6 +1.7 | | |
| NVAR | comp=Z,89nm,0.7s | | baz=134,slow=8.3 | SNR=445 | | | |
| NVAR | comp=Z,3.3nm,0.7s | | baz=93,slow=3.6 | SNR=3.8 | | | |
| NVAR | comp=Z,8.4nm,0.9s | | baz=129,slow=3 | SNR=8.5 | | | |
| NVAR | comp=Z,14um,20.0s | | LR | LR | 12 24 14.5 | | |
| G57A | Newington | 34.27 21 | P | P | 12 18 14.2 -0.5 | | |
| G57A | comp=Z,1.5um,18.2s | | baz=131,slow=40 | | | | |
| G57A | baz=209,SNR=12 | | | | | | |
| LHV | Little Huntoon | 34.27 320 | P | P | 12 18 17.2 +2.4 | | |
| LHV | J63A | 34.28 27 | P | P | 12 18 14.6 -0.1 | | |
| LHV | comp=Z,2.1um,19.0s | | | | | | |
| I61A | Oroboro, Fairl | 34.33 25 | P | P | 12 18 16.0 +0.8 | | |
| I61A | baz=214 | | | | | | |
| H59A | Cadyville | 34.34 23 | P | P | 12 18 14.3 -1.0 | | |
| H59A | comp=Z,2.1um,19.0s | | | | | | |
| VT1 | Waterbury | 34.44 24 | P | P | 12 18 16.0 -0.2 | | |
| VT1 | comp=Z,61nm,1.2s | | IAMB | IAMB | 12 18 32.9 | | |
| FLWY | Flagg Ranch | 34.48 335 | P | P | 12 18 17.5 +0.7 | | |
| FLWY | comp=Z,53nm,1.0s | | IAMB | IAMB | 12 18 23.9 | | |
| RYN | Ryan | 34.52 321 | P | P | 12 18 18.9 +1.7 | | |
| RYN | comp=Z,73nm,1.0s | | IAMB | IAMB | 12 18 23.9 | | |
| RYN | comp=Z,1.4um,20.0s | | IAMS_20 | IAMS_20 | 12 33 45.8 | | |
| KVN | Kaiserville | 34.53 322 | P | P | 12 18 18.5 +1.3 | | |
| KVN | comp=Z,202nm,1.2s | | pmax | pmax | | | |
| KVN | comp=Z,1.9um,19.0s | | MLR | MLR | | | |
| KVN | Kaiserville | 34.53 322 | P | P | 12 18 18.5 +1.3 | | |
| KVN | FRNY | 34.54 23 | P | P | 12 18 16.2 -0.8 | | |
| KVN | FRNY | 34.54 23 | IAMB | IAMB | 12 18 17.9 | | |
| FRNY | comp=Z,52nm,1.0s | | IAMS_20 | IAMS_20 | 12 32 49.2 | | |
| PMPB | Monarch Peak | 34.59 316 | IAMS_20 | IAMS_20 | 12 33 58.7 | | |
| PMPB | comp=Z,9um,21.0s | | | | | | |
| B35A | Bob, Littlelor | 34.61 357 | P | P | 12 18 16.5 -1.1 | | |
| B35A | comp=Z,9um,18.0s | | | | | | |
| G58A | Ormsdown | 34.64 22 | P | P | 12 18 17.0 -0.9 | | |
| G58A | baz=211,SNR=11 | | | | | | |
| I62A | Tamworth | 34.64 26 | P | P | 12 18 17.9 0.0 | | |
| I62A | comp=Z,2.1um,19.0s | | | | | | |
| I62A | comp=Z,1.4um,20.0s | | IAMB | IAMB | 12 18 18.5 | | |
| H60A | Morrison | 34.65 24 | P | P | 12 18 17.8 -0.2 | | |
| H60A | comp=Z,80nm,1.1s | | | | | | |
| YPP | Pitchstone Pla | 34.68 335 | P | P | 12 18 19.0 +0.4 | | |
| YPP | AGMN | 34.69 355 | P | P | 12 18 16.9 -1.4 | | |
| YPP | Agassiz Nation | 34.69 355 | P | P | 12 18 17.2 -1.1 | | |
| YPP | AGMN | 34.69 355 | P | P | 12 18 20.4 +1.7 | | |
| YPP | Grant Village | 34.69 336 | P | P | 12 18 19.1 +0.5 | | |
| YPP | H17A | 34.69 336 | IAMS_20 | IAMS_20 | 12 34 55.3 | | |
| YPP | H17A | 34.69 336 | IAMS_20 | IAMS_20 | 12 34 55.3 | | |
| MDND | Maddock | 34.72 350 | P | P | 12 18 17.7 -0.9 | | |
| MDND | comp=Z,9um,22.0s | | | | | | |
| MDND | comp=Z,9um,22.0s | | | | | | |
| MDND | MDND | 34.72 350 | P | P | 12 18 17.3 -1.2 | | |
| MDND | LKWW | 34.76 336 | IAMS_20 | IAMS_20 | 12 34 48.2 | | |
| MACA | Manacapur-AM | 34.79 117 | eP | eP | 12 18 19.9 +0.3 | | |
| MACA | RLMT | 34.80 338 | P | P | 12 18 18.9 -0.6 | | |
| MACA | Red Lodge | 34.80 338 | P | P | 12 18 19.0 -0.5 | | |
| MACA | CLMNT | 34.80 338 | P | P | 12 18 19.6 -0.5 | | |
| MACA | H61A | 34.94 25 | P | P | 12 18 20.0 -0.5 | | |
| MACA | Lyndonville | 34.94 25 | P | P | 12 18 21.8 +0.6 | | |
| MACA | Y214 | 34.98 337 | P | P | 12 18 20.8 -0.1 | | |
| MACA | Yellowstone No | 34.98 337 | P | P | 12 18 21.8 +0.6 | | |
| MACA | H57A | 34.99 21 | P | P | 12 18 20.8 -0.1 | | |
| MACA | Harrington | 35.00 336 | P | P | 12 18 21.8 +0.5 | | |
| MACA | YMR | 35.07 335 | P | P | 12 18 23.3 +1.4 | | |
| MACA | YMR | 35.11 26 | P | P | 12 18 21.8 -0.2 | | |
| MACA | I63A | 35.11 26 | P | P | 12 18 22.4 +0.5 | | |
| MACA | Otisfield | 35.11 26 | P | P | 12 18 22.4 +0.5 | | |
| MACA | I63A | 35.11 26 | IAMB | IAMB | 12 18 23.7 | | |
| MACA | I63A | 35.11 26 | IAMS_20 | IAMS_20 | 12 33 20.5 | | |
| MACA | 555A | 35.11 19 | P | P | 12 18 21.2 -0.7 | | |
| MACA | Montcer-Lyto | 35.11 19 | P | P | 12 18 21.2 -0.7 | | |
| MACA | comp=Z,9um,20.0s | | | | | | |
| MACA | YHH | 35.13 336 | P | P | 12 18 23.7 +1.3 | | |
| MACA | Holmes Hill | 35.16 342 | P | P | 12 18 22.7 +0.3 | | |
| MACA | LAO | 35.16 342 | P | P | 12 18 22.7 +0.3 | | |
| MACA | LAO | 35.16 342 | P | P | 12 18 22.6 +0.1 | | |
| MACA | LAO | 35.23 335 | P | P | 12 18 24.0 +0.7 | | |
| MACA | YHB | 35.24 24 | P | P | 12 18 22.2 -0.9 | | |
| MACA | G60A | 35.24 24 | P | P | 12 18 22.2 -0.9 | | |
| MACA | Masonville | 35.29 25 | IAMS_20 | IAMS_20 | 12 33 54.2 | | |
| MACA | H62A | 35.29 25 | IAMS_20 | IAMS_20 | 12 33 54.2 | | |
| MACA | Milan | 35.29 25 | IAMS_20 | IAMS_20 | 12 33 54.2 | | |
| MACA | comp=Z,7um,18.0s | | | | | | |
| MACA | YHL | 35.31 335 | P | P | 12 18 24.0 0.0 | | |
| MACA | SAO | 35.32 316 | pmax | pmax | 12 18 23.2 -0.7 | | |
| MACA | SAO | 35.32 316 | pmax | pmax | 12 18 23.2 -0.7 | | |
| MACA | SAO | 35.32 316 | IAMS_20 | IAMS_20 | 12 34 13.1 | | |
| MACA | SAO | 35.32 316 | IAMS_20 | IAMS_20 | 12 34 13.1 | | |
| MACA | CMB | 35.33 319 | P | P | 12 18 25.0 +1.0 | | |
| MACA | CMB | 35.33 319 | pmax | pmax | | | |
| MACA | CMB | 35.33 319 | pmax | pmax | | | |
| MACA | CMB | 35.33 319 | MLR | MLR | | | |
| MACA | CMB | 35.33 319 | P | P | 12 18 25.0 +1.0 | | |
| MACA | QLMT | 35.40 335 | P | P | 12 18 25.8 +1.1 | | |
| MACA | TRQ | 35.40 335 | P | P | 12 18 23.7 -0.8 | | |
| MACA | MOQ | 35.45 24 | P | P | 12 18 24.1 -0.9 | | |
| MACA | PNTR | 35.46 321 | P | P | 12 18 26.0 +0.7 | | |
| MACA | GCMT | 35.52 338 | P | P | 12 18 25.5 -0.1 | | |
| MACA | E56A | 35.52 20 | P | P | 12 18 25.0 -0.4 | | |
| MACA | St. Veronique | 35.52 20 | P | P | 12 18 25.0 -0.4 | | |
| MACA | I63A | 35.52 20 | S | S | 12 24 01.4 +1.9 | | |
| MACA | E56A | 35.52 20 | S | S | 12 24 01.4 +1.9 | | |
| MACA | comp=Z,208,SNR=30 | | | | | | |
| MACA | VCNR | 35.62 321 | P | P | 12 18 28.4 +1.7 | | |
| MACA | VCNR | 35.62 321 | IAMB | IAMB | 12 18 32.5 | | |
| MACA | VCNR | 35.62 321 | IAMS_20 | IAMS_20 | 12 35 11.0 | | |
| MACA | comp=Z,111nm,1.4s | | | | | | |
| MACA | E57A | 35.70 21 | P | P | 12 18 26.2 -0.8 | | |
| MACA | Chemin Saint G | 35.70 21 | P | P | 12 18 26.2 -0.8 | | |
| MACA | E57A | 35.70 21 | S | S | 12 24 02.5 +0.1 | | |
| MACA | baz=210 | | | | | | |
| MACA | F59A | 35.71 22 | P | P | 12 18 26.8 -0.2 | | |
| MACA | Saint Guillaume | 35.71 22 | P | P | 12 18 26.8 -0.2 | | |
| MACA | I63A | 35.71 22 | P | P | 12 18 26.8 -0.2 | | |
| MACA | HLID | 35.71 331 | P | P | 12 18 28.7 +1.3 | | |

2014 DEC

| | | | | | | | |
|------|-------------------|-----------|---------|---------|-----------------|--|--|
| HLID | baz=140,SNR=205 | | S | S | 12 24 02.9 0.0 | | |
| HLID | baz=140 | 35.71 331 | P | P | 12 18 28.2 +0.9 | | |
| HLID | Hailey | 35.71 331 | IAMB | IAMB | 12 18 35.4 | | |
| HLID | comp=Z,107nm,0.9s | | IAMS_20 | IAMS_20 | 12 35 03.4 | | |
| HLID | comp=Z,11um,20.0s | | | | | | |
| PAHR | Fah Rah Range | 35.71 322 | P | P | 12 18 29.0 +1.6 | | |
| PAHR | comp=Z,60nm,1.0s | | IAMB | IAMB | 12 18 43.2 | | |
| PAHR | comp=Z,10um,20.0s | | IAMS_20 | IAMS_20 | 12 34 16.1 | | |
| G61A | McKenzie-de- | 35.72 24 | P | P | 12 18 27.2 -0.7 | | |
| G61A | baz=214 | | | | | | |
| RUBR | Rubicon Trail | 35.78 320 | P | P | 12 18 29.8 +1.7 | | |
| RUBR | D55A | 35.80 19 | P | P | 12 18 27.2 -0.7 | | |
| RUBR | Sainte-Anne-du- | 35.82 333 | P | P | 12 18 29.3 +0.9 | | |
| RUBR | Bear Canyon | 35.83 26 | P | P | 12 18 28.0 -0.1 | | |
| RUBR | H63A | 35.83 26 | P | P | 12 18 28.0 -0.1 | | |
| RUBR | New Sharon | 35.83 26 | P | P | 12 18 28.0 -0.1 | | |
| RUBR | baz=217 | | | | | | |
| WVWL | Waterville | 35.92 27 | P | P | 12 18 28.8 0.0 | | |
| WVWL | comp=Z,55nm, | | | | | | |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like L02E, I05D, WALA, MALB, TA01, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TMAB, GO03, AC04, LCO, LCO, LCO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PLCA, PLCA, PLCA, PLCA, PLCA, etc.

7d 12h

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like KHLU, SCRK, M24K, etc.

2012 DEC

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like BPAW, MLY, TIAR, etc.

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Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like ASCN, ES14, ES17, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TREC, DPC, DPC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, BRVK, BRVK, etc.

7d 12h

Table with columns: SHLS, Shalkode, 122.81, 8 ePKP, PKPpdf, 12.30 25.1 +0.1, etc. Lists various station codes and their associated data.

2014 DEC

Table with columns: GYA, comp=Z,410nm,11.8s, LR, LR, 12.30 25.1 +0.1, etc. Lists station codes and their associated data.

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Table with columns: URZ, Urewera, 5.16 216, P, Pn, 12.21 15.6 -0.8, etc. Lists station codes and their associated data.

DJA 07 12:21:42.6:0.4,5:3°S:10°3E, h10km, M3.9/11, ML3.9/11, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

IDC 07 12:39:23.5:2.8, 16:12S:173.67W, h0km, mb4.0/5, mbl 4.3/5, mb1mx3.9/45, mbtmp4.0/5, Error ellipse: s-maj=152.2km s-min=25.0km az=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

IDC 07 12:49:26.8:0.9, 21:64N:143:54E, h0km, mb4.1/13, mb1 4.2/14, mb1mx3.9/75, mbtmp4.1/14, ML3.0/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/36, Error ellipse: s-maj=33.3km s-min=19.0km az=90.0

ISC 07 12:49:32.1:1.0, 21:7N:0:1:143:5E:0.2, h35km, n22, MS3.4/1, mb4.2/13, Marianas Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

IDC 07 12:53:12.0:2.6, 6:42S:154.72E, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.4/48, mbtmp3.7/4, ML1.8/1, Error ellipse: s-maj=43.7km s-min=24.9km az=57.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

SGC 07 12:55:11.1:0.9, 9:37N:91:38W, h1km, 99km, MD3.8 SNET 07 12:55:12.3:1.4, 14:12N:91:21W, h12km, 14km, ML3.5

UDR 07 12:55:12.1:1.6, 14:13N:91:20W, h0km, 14km, ML3.5

ISC 07 12:55:06.7:2.7, 13:7N:0:1:120W:0:1, h10km, n11, c098/15, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

UCR 07 12:14:52.7:1.6, 13:85N:90:12W, h20km, 14km, ML3.8 SNET 07 12:14:53.7:1.0, 13:86N:90:09W, h15km, 22km, ML3.6, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

WEL 07 12:20:01.5:1.0, 34°S:15:17°W:2°5, h33km, M4.2/17, mB4.8/6, ML4.7/17, ML4.2/17, Mw(mb)4.1/6, Error ellipse: s-maj=0.0km s-min=0.0km az=119.5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and their associated data.

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| Code | Station Name | Δ° | AZ° | Phase | ISC | Time | Res |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|-----|-------|-----|-----------------|-----|
| LFRS | El Faro | 2.49 | 92 | eP | Pn | 12 55 48.0 +0.6 | |
| LFRS | El Faro | 2.49 | 92 | eS | Sn | 12 56 16.3 -1.7 | |
| LFRS | El Faro | 2.49 | 92 | eP | Pn | 12 55 48.0 +0.6 | |
| LFRS | El Faro | 2.49 | 92 | eS | Sn | 12 56 16.3 -1.7 | |
| <p>ANF 07 12:59:05.0,0.1,35°99N,117°91W,h5km,2km,ML3,1/32, Error ellipse: s-maj=1.2km s-min=1.1km az=96.0 NEIC 07 12:59:05.5,1.7,35°99N,01°11'17.92W,0.01,h3km,5km, Error ellipse: s-maj=1.5km s-min=1.5km az=195.0 PAS 07 12:59:05.8,1.6,36°00N,0°01'11.79W,0.01,h6km,3km, ML3,1/181,Error ellipse: s-maj=1.6km s-min=1.5km az=198.0 SCEDC 07 12:59:05.8,36°00N,117°91W,h6km,ML3.2,ML3.1,ML3.1 ISC 07 12:59:05.6,0.9,36°01N,01°11'17.9W,0.01,h7km,8km, n126,088/177,California-Nevada border region</p> | | | | | | | |
| Code | Station Name | Δ° | AZ° | Op | ISC | Time | Res |
| WNMM | Nine Mile Cany | 0.16 | 178 | | Pg | 12 59 08.7 -0.2 | |
| WNMM | China Lake | 0.32 | 126 | | Pg | 12 59 11.2 0.0 | |
| CLC | China Lake | 0.32 | 126 | | Pg | 12 59 11.7 -0.2 | |
| CLC | China Lake | 0.32 | 126 | | Pg | 12 59 16.1 +0.1 | |
| SRIC | Snort | 0.34 | 157 | | Pg | 12 59 12.5 +0.3 | |
| SRIC | Snort | 0.34 | 157 | | Pg | 12 59 18.1 +1.4 | |
| MPMC | Manual Prospec | 0.35 | 81 | P | Pg | 12 59 12.2 -0.3 | |
| MPMC | Manual Prospec | 0.35 | 81 | P | Pg | 12 59 12.2 -0.3 | |
| MPMC | Manual Prospec | 0.35 | 81 | S | Sg | 12 59 17.0 -0.1 | |
| MPMC | Manual Prospec | 0.35 | 81 | | Pg | 12 59 12.2 -0.3 | |
| WLHM | Little Horse | 0.36 | 294 | | Pg | 12 59 12.5 -0.2 | |
| WLHM | Little Horse | 0.36 | 294 | | Pg | 12 59 17.7 +0.3 | |
| WORM | Onyx Ranch | 0.41 | 221 | | Pg | 12 59 13.3 -0.3 | |
| WORM | Onyx Ranch | 0.41 | 221 | | Pg | 12 59 18.8 -0.1 | |
| CWC | Cottonwood Cre | 0.46 | 343 | P | Pg | 12 59 14.3 -0.2 | |
| CWC | Cottonwood Cre | 0.46 | 343 | S | Sg | 12 59 20.5 +0.1 | |
| CWC | Cottonwood Cre | 0.46 | 343 | | Pg | 12 59 14.3 -0.2 | |
| CWC | Cottonwood Cre | 0.46 | 343 | | Pg | 12 59 20.6 +0.1 | |
| WHFM | Hanning Flat | 0.47 | 229 | | Pg | 12 59 14.6 -0.2 | |
| WHFM | Hanning Flat | 0.47 | 229 | | Pg | 12 59 21.1 +0.2 | |
| WBSM | Bird Springs | 0.50 | 202 | | Pg | 12 59 15.1 -0.2 | |
| WBSM | Bird Springs | 0.50 | 202 | | Pg | 12 59 21.9 0.0 | |
| CCCA | Cerro Gordo | 0.55 | 9 | | Pg | 12 59 16.2 -0.1 | |
| LRMC | Laurel Mtn Rad | 0.56 | 160 | P | Pg | 12 59 16.0 -0.4 | |
| LRMC | Laurel Mtn Rad | 0.56 | 160 | S | Sg | 12 59 23.5 -0.2 | |
| LRMC | Laurel Mtn Rad | 0.56 | 160 | | Pg | 12 59 16.1 -0.4 | |
| LRMC | Laurel Mtn Rad | 0.56 | 160 | | Pg | 12 59 23.7 +0.1 | |
| ISA | Isabella, Lake | 0.57 | 233 | P | Pg | 12 59 16.5 -0.1 | |
| ISA | Isabella, Lake | 0.57 | 233 | S | Sg | 12 59 24.1 +0.1 | |
| ISA | Isabella, Lake | 0.57 | 233 | | Pg | 12 59 16.6 -0.1 | |
| ISA | Isabella, Lake | 0.57 | 233 | | Pg | 12 59 24.2 +0.1 | |
| WASM | Alta Sierra Ca | 0.59 | 243 | | Pg | 12 59 16.8 -0.2 | |
| WASM | Alta Sierra Ca | 0.59 | 243 | | Pg | 12 59 24.9 +0.2 | |
| CCCA | Chr Canyon | 0.65 | 137 | | Pg | 12 59 18.9 -0.6 | |
| CCCA | Chr Canyon | 0.65 | 137 | | Pg | 12 59 27.8 +1.0 | |
| SPG2 | Springville 2 | 0.72 | 286 | | Pg | 12 59 18.9 -0.6 | |
| SPG2 | Springville 2 | 0.72 | 286 | | Pg | 12 59 28.5 -0.3 | |
| DTP | Desert Tortois | 0.74 | 176 | | Pg | 12 59 19.3 -0.6 | |
| DTP | Desert Tortois | 0.74 | 176 | | Pg | 12 59 28.9 -0.5 | |
| WOFM | Oak Flat | 0.80 | 235 | | Pg | 12 59 40.7 -0.4 | |
| MCA | Marble Canyon | 0.82 | 38 | | Pg | 12 59 20.7 -0.7 | |
| QSM | Queen of Sheba | 0.85 | 92 | | Pg | 12 59 21.4 -0.5 | |
| CCAC | Calif City Air | 0.85 | 186 | | Pg | 12 59 21.5 -0.6 | |
| CCAC | Calif City Air | 0.85 | 186 | | Pg | 12 59 32.9 -0.3 | |
| FURC | Furnace Creek | 0.96 | 61 | P | Pg | 12 59 24.4 +0.2 | |
| FURC | Furnace Creek | 0.96 | 61 | S | Sg | 12 59 37.1 +0.4 | |
| FURC | Furnace Creek | 0.96 | 61 | | Pg | 12 59 24.4 +0.2 | |
| FURC | Furnace Creek | 0.96 | 61 | | Pg | 12 59 37.1 +0.4 | |
| FURC | Furnace Creek | 0.96 | 61 | | Pg | 12 59 24.1 -0.1 | |
| FURC | Furnace Creek | 0.96 | 61 | | Pg | 12 59 23.9 -0.3 | |
| YES | Vestal, Richgr | 0.97 | 261 | P | Pg | 12 59 36.2 -0.5 | |
| YES | Vestal, Richgr | 0.97 | 261 | S | Sg | 12 59 36.2 -0.5 | |
| YES | Vestal, Richgr | 0.97 | 261 | | Pg | 12 59 23.9 -0.3 | |
| YES | Vestal, Richgr | 0.97 | 261 | | Pg | 12 59 36.2 -0.5 | |
| TEJ | El Tejon | 1.00 | 220 | | Pg | 12 59 23.9 -0.9 | |
| TEJ | El Tejon | 1.00 | 220 | | Pg | 12 59 37.0 -0.8 | |
| TIN | Tinemaha, Big | 1.08 | 346 | P | Pg | 12 59 26.0 -0.3 | |
| TIN | Tinemaha, Big | 1.08 | 346 | S | Sb | 12 59 41.1 0.0 | |
| TIN | Tinemaha, Big | 1.08 | 346 | | Pg | 12 59 25.9 -0.5 | |
| TIN | Tinemaha, Big | 1.08 | 346 | | Pg | 12 59 41.1 0.0 | |
| GRAC | Grapevine Rang | 1.08 | 24 | P | Pg | 12 59 26.0 -0.4 | |
| GRAC | Grapevine Rang | 1.08 | 24 | S | Sg | 12 59 41.0 +0.5 | |
| GRAC | Grapevine Rang | 1.08 | 24 | | Pg | 12 59 25.9 -0.4 | |
| GRAC | Grapevine Rang | 1.08 | 24 | | Pg | 12 59 41.2 +0.1 | |
| FMT | Funeral Mounta | 1.11 | 55 | | Pg | 12 59 26.1 -0.4 | |
| RCTC | Reactor, Farmer | 1.12 | 286 | | Pg | 12 59 26.1 -1.0 | |
| EDW2 | Edwards Air Fo | 1.12 | 183 | P | Pg | 12 59 26.0 -1.2 | |
| EDW2 | Edwards Air Fo | 1.12 | 183 | S | Sg | 12 59 40.6 -1.1 | |
| EDW2 | Edwards Air Fo | 1.12 | 183 | | Pg | 12 59 26.0 -1.2 | |
| GSC | Goldstone, Bar | 1.14 | 128 | P | Pg | 12 59 26.5 -1.0 | |
| GSC | Goldstone, Bar | 1.14 | 128 | S | Sg | 12 59 42.0 -0.4 | |
| GSC | Goldstone, Bar | 1.14 | 128 | | Pg | 12 59 26.6 -1.0 | |
| ARVC | Arvin | 1.15 | 221 | P | Pg | 12 59 27.1 -0.6 | |
| ARVC | Arvin | 1.15 | 221 | S | Sg | 12 59 41.9 -0.8 | |
| ARVC | Arvin | 1.15 | 221 | | Pg | 12 59 27.1 -0.6 | |
| ARVC | Arvin | 1.15 | 221 | | Pg | 12 59 41.9 -0.8 | |
| TPO | Tropico Hills | 1.15 | 193 | | Pg | 12 59 26.7 -1.1 | |
| TPO | Tropico Hills | 1.15 | 193 | | Pg | 12 59 41.1 +0.8 | |
| HYS | Haystack Butte | 1.17 | 166 | | Pg | 12 59 27.1 -1.1 | |
| BAKC | Calstate | 1.17 | 236 | | Pg | 12 59 27.8 -0.4 | |
| TJR | Tejon Ranch | 1.19 | 215 | | Pg | 12 59 27.4 -1.0 | |
| VOG | Valley Oaks Go | 1.23 | 285 | P | Pg | 12 59 28.4 -0.8 | |
| VOG | Valley Oaks Go | 1.23 | 285 | S | Sg | 12 59 45.0 -0.2 | |
| VOG | Valley Oaks Go | 1.23 | 285 | | Pg | 12 59 28.4 -0.8 | |
| THC | Tehachapi Micr | 1.25 | 209 | | Pg | 12 59 28.3 -1.4 | |
| SBB | Saddle Back Bu | 1.32 | 177 | | Pg | 12 59 29.4 -1.2 | |
| SBB | Saddle Back Bu | 1.32 | 177 | | Pg | 12 59 47.7 -0.2 | |
| SHOC | Shoshone, Tec | 1.33 | 94 | P | Pg | 12 59 30.8 +0.1 | |
| SHOC | Shoshone, Tec | 1.33 | 94 | S | Sb | 12 59 48.5 +0.2 | |
| SHOC | Shoshone, Tec | 1.33 | 94 | | Pg | 12 59 31.2 +0.4 | |
| SHOC | Shoshone, Tec | 1.33 | 94 | | Pg | 12 59 48.4 +0.1 | |
| RRX | Edison Barstow | 1.35 | 146 | P | Pg | 12 59 31.1 +0.1 | |
| RRX | Edison Barstow | 1.35 | 146 | S | Sb | 12 59 49.0 +0.2 | |
| RRX | Edison Barstow | 1.35 | 146 | | Pn | 12 59 31.2 +0.3 | |
| LEOC | Leona Valley | 1.41 | 193 | | Pg | 12 59 31.1 -0.7 | |
| LRRC | Litterock Res | 1.48 | 184 | | Pb | 12 59 33.6 +0.1 | |
| LRRC | Litterock Res | 1.48 | 184 | | Pb | 12 59 35.3 -0.4 | |
| CJV | Casa Juvan | 1.48 | 187 | | Pb | 12 59 33.7 +0.1 | |
| OSI | Osito Audit: C | 1.54 | 206 | P | Pb | 12 59 33.9 +0.3 | |
| OSI | Osito Audit: C | 1.54 | 206 | S | Sn | 12 59 54.0 +0.2 | |
| OSI | Osito Audit: C | 1.54 | 206 | | Pb | 12 59 34.0 +0.5 | |
| JNH | Juniper Hills | 1.56 | 181 | | Pb | 12 59 35.0 +0.1 | |
| TPNV | Topopah Spring | 1.64 | 54 | P | Pb | 12 59 34.5 -0.5 | |
| TPNV | Topopah Spring | 1.64 | 54 | S | Sn | 12 59 57.1 +0.7 | |
| TPNV | Topopah Spring | 1.64 | 54 | | Pb | 12 59 34.6 -0.5 | |
| CHFC | Chilao Flat St | 1.67 | 183 | | Pb | 12 59 36.9 +0.1 | |
| DSCC | Desert Stables | 1.71 | 120 | | Pb | 12 59 34.3 -1.5 | |
| TUQ | Turquoise Moun | 1.72 | 109 | | Pb | 12 59 37.2 -0.5 | |
| CARC | Carrizo Plain | 1.72 | 247 | | Pb | 12 59 37.2 -0.5 | |
| HEC | Hector,Ludlow | 1.74 | 132 | Pn | Pb | 12 59 35.1 -1.3 | |
| HEC | Hector,Ludlow | 1.74 | 132 | | Pb | 12 59 37.2 -0.8 | |
| HEC | Hector,Ludlow | 1.74 | 132 | | Pb | 13 00 00.8 +0.7 | |
| HEC | Hector,Ludlow | 1.74 | 132 | | Pb | 13 00 00.8 +0.7 | |
| BFSC | Mount Baldy Ra | 1.77 | 173 | Pg | Pb | 12 59 38.8 +0.2 | |

2014 DEC

| Code | Station Name | Δ° | AZ° | Phase | ISC | Time | Res |
|------|-----------------|------|-----|-------|-----|------|-----------------|
| BFSC | big=353,SNR=13 | | | | S | Sn | 13 00 00.7 +0.9 |
| MWC | Mount Wilson | 1.78 | 184 | | Pb | Pb | 12 59 38.3 -0.5 |
| DECC | Green Verdugo | 1.78 | 191 | S | Pb | Pb | 13 00 04.1 +0.6 |
| MLAC | Mammoth, Mammo | 1.78 | 336 | Pb | Pb | Pb | 12 59 38.7 -0.1 |
| MLAC | Mammoth, Mammo | 1.78 | 336 | Sb | Pb | Pb | 13 00 02.4 +0.9 |
| MLAC | Mammoth, Mammo | 1.78 | 336 | | Pb | Pb | 12 59 38.7 -0.1 |
| OMMB | Old Mammoth Mi | 1.83 | 324 | Pn | Pb | Pb | 12 59 39.2 -0.4 |
| MCSM | Casa Diablo Ho | 1.83 | 334 | Pb | Pb | Pb | 12 59 39.5 -0.1 |
| SMCC | Simmer | 1.83 | 248 | Pb | Pb | Pb | 12 59 38.4 +0.8 |
| SMCC | Simmer | 1.83 | 248 | Sb | Pb | Pb | 13 00 02.7 +0.1 |
| PASC | Pasadena Art C | 1.84 | 187 | | Pn | Pn | 12 59 38.4 +0.7 |
| MDPB | Devils Postpil | 1.88 | 339 | | Pb | Pb | 12 59 39.0 -0.4 |
| KDPB | Mcpherson Peak | 1.91 | 235 | Pb | Pb | Pb | 12 59 39.9 +1.1 |
| PKM | Big Bear Solar | 1.92 | 155 | Pb | Sb | Sb | 13 00 04.7 -0.4 |
| BBRC | baz=335,SNR=25 | | | | Pb | Pb | 12 59 40.9 -0.2 |
| BBRC | baz=335,SNR=25 | | | | Pb | Pb | 13 00 06.4 +1.0 |
| PAGB | Antelope Grade | 1.92 | 262 | | Pn | Pn | 12 59 39.4 +0.6 |
| BCH | Granch Mountai | 1.95 | 246 | | Pn | Pn | 12 59 40.3 +1.0 |
| MMIM | Miami Mountain | 2.04 | 314 | | Pb | Pb | 12 59 42.6 -0.5 |
| TPH | Toponah | 2.14 | 15 | | Pb | Pb | 12 59 42.4 +0.4 |
| GMRC | Granite Mounta | 2.21 | 123 | P | Pb | Pb | 12 59 40.9 -1.9 |
| GMRC | Granite Mounta | 2.21 | 123 | Sb | Pb | Pb | 13 00 14.9 +1.3 |
| SHPR | Sheep Range | 2.28 | 77 | Pn | Pn | Pn | 12 59 44.4 +0.6 |
| LHV | Little Huntoon | 2.29 | 348 | | Pg | Pg | 12 59 48.8 -0.9 |
| PMPB | Monarch Peak | 2.35 | 276 | Pn | Pn | Pn | 12 59 46.3 +1.5 |
| NV11 | North Array Sit | | | | | | |

| | | | | | |
|-------------------|-----------------|-----------|----|----|-----------------|
| comp=Z,5.7nm,0.6s | | | | | |
| PV14 | Lion Creek, Pa | 29.04 331 | P | P | 14 15 19.4 -0.2 |
| PV22 | Blue Mesa, Par | 29.06 331 | P | P | 14 15 19.9 +0.2 |
| U15A | North Rim | 29.27 324 | I | I | 14 15 21.4 +0.3 |
| U15A | | | I | I | 14 15 24.3 |
| W13A | Hualapai Mount | 29.31 320 | P | P | 14 15 23.1 +1.0 |
| NNA | Nana | 29.41 150 | LR | LR | 14 24 54.2 |
| BC3 | Big Chockwall | 29.42 316 | P | P | 14 15 24.3 +1.4 |
| IRM | Iron Mountain | 29.52 318 | P | P | 14 15 25.7 +2.1 |
| N23A | Red Feather La | 29.86 338 | P | P | 14 15 29.7 +2.9 |
| BELC | Belle Mtn. Js | 29.99 317 | P | P | 14 15 29.5 +1.5 |
| KNB | Kanab | 29.99 324 | P | P | 14 15 27.8 -0.2 |
| GMRC | Granite Mounta | 30.24 318 | P | P | 14 15 31.9 +1.7 |
| MTPU | Mount Pierson | 30.38 327 | P | P | 14 15 32.4 +0.8 |
| CCUT | Cedar City | 30.67 325 | P | P | 14 15 34.2 +0.1 |
| MSU | Marysville | 30.72 327 | P | P | 14 15 34.4 +0.1 |
| P17A | Butcher Ranch, | 30.73 330 | P | P | 14 15 34.2 +0.3 |
| MVU | Marysville | 30.73 327 | P | P | 14 15 35.8 +1.1 |
| TMUT | Trail Mountain | 30.82 329 | P | P | 14 15 35.8 +0.3 |
| MPV | Maple Canyon | 31.58 330 | P | P | 14 15 42.1 +0.1 |
| TPNU | Topopah Spring | 31.97 321 | P | P | 14 15 47.7 +2.2 |
| LRMC | Laurel Mtn Rad | 31.98 317 | P | P | 14 15 47.0 +1.5 |
| K58A | Earlville | 32.03 22 | P | P | 14 15 44.5 -1.2 |
| FURC | Furnace Creek, | 32.05 319 | P | P | 14 15 47.7 +1.8 |
| MPMC | Manual Prospect | 32.20 318 | P | P | 14 15 48.7 +1.2 |
| SPR3 | Spring Creek 3 | 32.23 326 | P | P | 14 15 48.5 +0.6 |
| SPR3 | | | I | I | 14 15 53.0 |
| DUG | Dugway, Tooele | 32.31 329 | P | P | 14 15 50.4 +2.1 |
| DUG | Dugway, Tooele | 32.31 329 | P | P | 14 15 48.5 +0.1 |
| TCUT | Toone Canyon | 32.33 331 | P | P | 14 15 48.6 0.0 |
| R11A | Troy Canyon, C | 32.49 323 | P | P | 14 15 52.7 +2.7 |
| ARVC | Arvin | 32.55 316 | P | P | 14 15 52.5 +2.2 |
| ISA | Isabella, Lake | 32.61 317 | P | P | 14 15 54.2 +3.2 |
| H53A | Bobsaygeon | 32.67 17 | P | P | 14 15 50.1 -1.2 |
| HWUT | Hardware Ranch | 32.79 332 | P | I | 14 15 52.0 -0.6 |
| HWUT | | | I | I | 14 15 59.6 |
| CWC | Cottonwood Cre | 32.81 318 | P | P | 14 15 53.7 +0.9 |
| PD31 | Pinedale Array | 32.86 335 | P | P | 14 15 53.1 -0.2 |
| PDAR | Pinedale Array | 32.86 335 | P | P | 14 15 55.2 +2.0 |
| PDAR | | | LR | LR | 14 31 32.4 |
| BGU | Big Grassy Moun | 32.95 329 | P | P | 14 15 54.4 +0.3 |
| SPUT | South Promonto | 32.97 330 | P | P | 14 15 54.7 +0.5 |
| VES | Vestal, Richgr | 33.12 317 | P | P | 14 15 58.4 +0.3 |
| HVU | Hansel Valley | 33.49 331 | P | P | 14 15 58.6 -0.1 |
| AHID | Auburn Hatcher | 33.51 333 | P | P | 14 15 58.8 0.0 |
| AHID | | | I | I | 14 16 05.0 |
| ECR | Eagle Creek | 33.86 333 | P | P | 14 16 00.5 -1.4 |
| REDW | Red Top Meadow | 33.88 334 | P | P | 14 16 02.5 +0.3 |
| ELK | Elko | 33.97 327 | P | P | 14 16 03.9 +0.9 |
| LHWH | Long Hollow | 33.99 335 | I | I | 14 16 03.1 0.0 |
| LHWH | | | I | I | 14 16 04.8 |
| NV11 | Mina Array Sit | 34.08 321 | P | P | 14 16 04.2 +0.4 |
| NV11 | | | I | I | 14 16 08.9 |
| OMMB | Old Mammoth M | 34.10 319 | P | P | 14 16 05.6 +1.3 |
| MDPB | Devils Postpil | 34.16 319 | P | P | 14 16 05.9 +1.2 |
| NVAR | Mina Array Bea | 34.17 321 | P | P | 14 16 06.7 +2.0 |
| NVAR | | | P | P | 14 18 42.1 +0.5 |
| LHV | Little Huntoon | 34.18 321 | P | P | 14 16 05.5 +1.0 |
| LHV | | | I | I | 14 16 11.4 |
| RYN | Ryan | 34.43 321 | P | P | 14 16 07.1 +0.2 |
| KVN | Kaisererville | 34.44 322 | P | P | 14 16 06.9 -0.1 |
| KVN | | | I | I | 14 16 09.9 |
| YNE | Yellowstone Ne | 34.91 337 | P | P | 14 16 10.1 -1.0 |
| YHL | Hebgen Lake | 35.24 336 | P | P | 14 16 14.2 +0.2 |
| PAHR | Pah Rah Range | 35.26 322 | P | P | 14 16 17.9 +0.8 |
| PAHR | | | I | I | 14 16 23.6 |
| HLID | Hailey | 35.63 331 | P | P | 14 16 18.0 +0.8 |
| HLID | | | I | I | 14 16 17.4 +0.2 |
| BCYI | Bear Canyon | 35.75 333 | P | P | 14 16 18.6 +0.3 |
| MCMT | McKenzie Canyo | 35.92 334 | P | P | 14 16 20.2 +0.5 |
| BOZ | Bozeman (W) | 36.04 336 | P | P | 14 16 21.1 +0.5 |
| BOZ | | | I | I | 14 16 21.1 +0.5 |
| BOZ | Bozeman (W) | 36.04 336 | P | P | 14 16 21.0 +0.5 |
| SAMU | Samuel | 36.17 141 | P | P | 14 16 18.4 -2.5 |
| MFID | Camas Ranch | 36.20 330 | P | P | 14 16 22.1 +0.1 |
| MFID | | | I | I | 14 16 28.2 |
| BEKR | Beckworth | 36.31 321 | P | P | 14 16 23.1 +0.1 |
| LRM | Limekiln | 36.35 324 | P | P | 14 16 23.4 +0.2 |
| ULM | Lac du Bonnet | 36.60 355 | P | P | 14 16 23.8 -1.3 |
| ULM | | | LR | LR | 14 33 16.6 |
| ULM | | | I | I | 14 16 25.9 |
| WVOR | Wild Horse Val | 36.97 326 | P | P | 14 16 30.2 +1.6 |
| HRV | Hoiler Resear | 37.04 337 | P | P | 14 16 29.2 +0.1 |
| LSQQ | Lebel-sur-Quev | 37.22 16 | P | P | 14 16 27.8 -2.7 |
| J08A | Circle Bar Ran | 37.52 327 | P | P | 14 16 33.2 0.0 |
| MOD | Modoc Plateau | 37.55 324 | P | P | 14 16 33.4 -0.2 |
| MATO | Matagami | 37.70 15 | P | P | 14 16 31.6 -2.9 |
| LPAZ | La Paz | 37.74 141 | P | P | 14 16 33.6 -2.3 |
| LPAZ | | | LR | LR | 14 31 54.0 |
| LPAZ | | | I | I | 14 16 34.6 -1.3 |
| E63A | Xbow | 37.95 26 | P | P | 14 16 36.4 -0.2 |
| MSO | Missoula | 37.97 335 | P | P | 14 16 37.0 0.0 |
| MSO | | | I | I | 14 16 36.5 -0.6 |
| EMO | Blue Mountains | 37.96 335 | P | P | 14 16 36.3 -0.3 |
| HTA | Itee | 38.53 327 | P | P | 14 16 32.1 +0.1 |
| PB16 | IPOC Station P | 38.56 145 | P | P | 14 16 42.6 -0.1 |
| F10A | Beach Ranch, E | 38.77 331 | P | P | 14 16 43.5 -0.2 |
| JTMT | Jette | 38.85 335 | P | P | 14 16 43.6 -0.8 |
| YBH | Yreka Blue Hor | 38.86 322 | P | P | 14 16 45.0 +0.5 |
| YBH | | | I | I | 14 16 43.9 -0.7 |
| YBH | | | I | I | 14 16 52.8 |
| G08A | Pilot Rock | 39.11 329 | P | P | 14 16 46.7 0.0 |
| MNMC | Minny Minny | 39.15 146 | I | I | 14 16 46.0 -1.3 |
| MNMC | | | I | I | 14 16 49.1 |
| E09A | Wood Farm, Sta | 39.60 331 | I | I | 14 16 50.4 -0.1 |
| E09A | | | I | I | 14 16 51.9 |
| I05D | Terrebonne, OR | 39.71 326 | P | P | 14 16 53.9 +2.3 |
| HAWA | Hanford | 40.18 330 | P | P | 14 16 54.4 -1.0 |
| G05D | Wamic, OR | 40.29 327 | P | P | 14 16 58.2 +1.9 |
| H04A | Detroit Lake | 40.39 326 | P | P | 14 16 58.4 +1.2 |
| NEW | Newport | 40.44 334 | P | P | 14 16 57.1 -0.4 |
| NEW | | | I | I | 14 16 57.0 -0.5 |
| NEW | Newport | 40.44 334 | P | P | 14 16 57.2 -0.4 |
| H04D | Lebanon | 40.59 325 | P | P | 14 16 59.9 +1.1 |

| | | | | | |
|-------|-----------------|-----------|-----|----|-----------------|
| C09A | Chrisman Ranch | 40.60 332 | P | P | 14 16 59.1 +0.2 |
| F05D | White Salmon | 40.80 328 | P | P | 14 17 02.5 +2.0 |
| LTY | Liberty | 41.34 300 | I | I | 14 17 05.3 +0.3 |
| LTY | | | I | I | 14 17 08.2 |
| LOX | Longmire | 41.56 328 | P | P | 14 17 07.8 +1.0 |
| LOX | | | I | I | 14 17 08.7 |
| SIV | San Ignacio | 42.17 133 | P | P | 14 17 11.3 -0.8 |
| E03A | Lebam | 42.33 327 | P | P | 14 17 13.7 +0.7 |
| E03A | | | I | I | 14 17 16.7 |
| B05A | Bryant | 42.73 330 | P | P | 14 17 16.9 +0.6 |
| D03D | Eldon | 42.73 328 | P | P | 14 17 16.4 +0.1 |
| D03D | Lebam | 42.73 328 | P | P | 14 17 16.4 +0.1 |
| GO02 | Minna Guanaco | 44.18 151 | P | P | 14 17 27.8 +0.2 |
| GO02 | | | I | I | 14 17 45.6 |
| FCC | Fort Churchill | 45.00 358 | P | P | 14 17 31.9 -2.4 |
| FCC | | | I | I | 14 17 34.0 |
| H03N2 | Juan Fernandez | 48.42 166 | T | T | 15 09 55.2 |
| H03N1 | Juan Fernandez | 48.42 166 | T | T | 15 10 06.7 |
| H03N3 | Juan Fernandez | 48.43 166 | T | T | 15 10 05.2 |
| CO03 | El Pedregal | 48.63 156 | P | P | 14 18 02.4 -0.8 |
| YKA | Yellowknife Ar | 51.40 347 | P | P | 14 18 22.7 -1.5 |
| YKA | | | P | P | 14 19 37.3 -0.8 |
| CPUP | Villa Florida | 51.88 140 | LR | LR | 14 41 56.2 |
| DLBO | Dease Lake | 53.09 336 | P | P | 14 18 38.4 +2.0 |
| DLBO | | | I | I | 14 18 35.9 -0.5 |
| DLBO | | | LR | LR | 14 33 53.9 |
| TAOE | Nuku Hiva Isla | 53.21 248 | eT | T | 15 15 30.9 |
| TAOE | | | I | I | 14 19 00.2 -0.3 |
| WHY | Whitehorse | 56.41 336 | P | P | 14 19 17.3 |
| WHY | | | I | I | 14 19 17.3 |
| PLCA | Paso Flores | 57.57 161 | P | P | 14 19 09.4 +0.5 |
| PLCA | | | I | I | 14 19 30.3 |
| DAWY | Dawson | 60.10 338 | P | P | 14 19 25.7 -0.5 |
| DAWY | | | I | I | 14 19 32.7 |
| MCAR | McCarthy VSAT | 60.13 334 | P | P | 14 19 25.4 -1.0 |
| GLB | Gilghina Butte | 60.10 334 | P | P | 14 19 28.4 -0.6 |
| INK | Inuvik | 60.83 343 | P | P | 14 19 29.0 -2.0 |
| INK | | | I | I | 14 19 25.6 -5.4 |
| N25K | Chitina, Valde | 60.91 334 | P | P | 14 19 31.0 -0.8 |
| N25K | | | I | I | 14 19 32.0 +0.2 |
| EYAK | Cordova Ski Ar | 60.94 333 | P | P | 14 19 32.9 +1.0 |
| RES | Resolute Bay | 60.98 359 | P | P | 14 19 29.3 -2.6 |
| RES | | | I | I | 14 19 39.4 |
| K27K | Chickadee | 61.08 337 | P | P | 14 19 32.4 -0.4 |
| K27K | | | I | I | 14 19 32.1 -1.1 |
| EGAK | Eagle | 61.13 338 | P | P | 14 19 39.3 |
| EGAK | | | I | I | 14 19 39.3 |
| MENT | Mentasta | 61.17 336 | P | P | 14 19 32.2 -1.3 |
| MENT | | | I | I | 14 19 46.0 |
| KLU | Klutina | 61.42 334 | P | P | 14 19 35.2 -0.1 |
| SCRK | Sand Creek | 61.78 337 | P | P | 14 19 37.5 -0.2 |
| M24K | Tolsona, Glenn | 61.80 334 | P | P | 14 19 37.7 -0.1 |
| PAX | Paxson | 61.90 335 | P | P | 14 19 38.0 -0.5 |
| GCM | Sheep Creek Mo | 62.18 334 | P | P | 14 19 40.4 0.0 |
| KNK | Knik Glacier | 62.50 333 | P | P | 14 19 41.8 -0.5 |
| SHO | Glory Hole Cre | 62.84 333 | P | P | 14 19 44.9 0.0 |
| PMR | Palmer | 62.86 333 | P | P | 14 19 44.5 -0.3 |
| HDA | Harding Lake | 63.13 336 | P | P | 14 19 45.9 -0.7 |
| HDA | | | I | I | 14 19 45.7 -0.9 |
| HDA | | | I | I | 14 20 07.5 |
| IL31 | Il-31 | 63.27 337 | P | P | 14 19 46.6 -0.8 |
| IL31 | | | I | I | 14 19 49.0 |
| ILAR | Eielson Array | 63.27 337 | P | P | 14 19 46.6 -0.9 |
| RND | Reindeer | 63.47 335 | P | P | 14 19 48.7 -0.2 |
| SUA | Susitna One | 63.53 333 | P | P | 14 19 49.3 -0.1 |
| CCB | Clear Creek Bu | 63.57 336 | P | P | 14 19 48.8 -0.7 |
| WRH | Wood River Hill | 63.60 336 | P | P | 14 19 49.1 -1.0 |
| WRH | | | I | I | 14 20 10.1 |
| MCK | McKinley | 63.63 335 | P | P | 14 19 49.7 -0.2 |
| TCKL | CIGO, UAF Yank | 63.69 337 | P | P | 14 19 49.8 -0.5 |
| TCKL | | | I | I | 14 19 50.3 -1.2 |
| MDM | Murphy Dome | 63.87 337 | P | P | 14 19 53.7 |
| MDM | | | I | I | 14 19 53.7 |
| NEA2 | Nenana | 64.04 336 | P | P | 14 19 51.5 -1.1 |
| SKT | Skwentna | 64.07 333 | P | P | 14 19 52.0 -0.8 |
| TRF | Thorofare Moun | 64.08 333 | P | P | 14 19 52.1 -0.9 |
| I23K | Minto, Yukon-K | 64.38 337 | P | P | 14 19 54.7 0.0 |
| I23K | | | I | I | 14 19 54.3 -0.5 |
| MLY | Manley | 64.87 336 | P | P | 14 19 57.6 -0.4 |
| PPT2 | Papeete2 | 65.17 243 | eLR | LR | 14 39 27.5 |
| COLD | Coldfoot | 65.55 339 | P | P | 14 20 02.8 +0.4 |
| TOLK | Took Lake Re | 65.93 340 | P | P | 14 20 04.3 -0.6 |
| TOLK | | | I | I | 14 20 04.5 -0.4 |
| TOLK | | | I | I | 14 20 26.9 |
| TTA | Tatalina | 66.35 333 | P | P | 14 20 06.3 -1.4 |
| SUMG | Summit | 66.38 15 | P | P | 14 20 05.5 -2.7 |
| SUMG | | | I | I | 14 20 16.0 |
| EUNU | Eureka | 66.39 1 | I | I | 14 20 05.4 -2.3 |
| EUNU | | | I | I | 14 20 13.5 |
| TBU | Tubuai | 67.58 237 | eLR | LR | 14 40 35.9 |
| SAG | Scarsbyand | 70.37 20 | P | P | 14 20 30.6 -1.9 |
| DO | Danmarks Havn | 72.83 13 | P | P | 14 20 44.0 -3.3 |
| DAG | Danmarks Havn | 72.83 13 | iP | P | 14 20 44.0 -3.3 |
| DAG | | | I | I | 14 20 45.5 |
| ADK | Adak | 76.35 321 | P | | |

7d 14h

Table with columns for flight codes (e.g., GRNR, JYT, MAJO), destinations (e.g., Yasato, Matsushiro), times, and status indicators (e.g., MLR, Pn, P).

2014 DEC

Table with columns for flight codes (e.g., HIA, YAK, YAK), destinations (e.g., Hailar, Yakutsk), times, and status indicators (e.g., P, P, P).

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Table with columns for flight codes (e.g., TLY, GUMO, TPUB), destinations (e.g., Guam, Tapu), times, and status indicators (e.g., MLR, P, P).

7d 14h

| | | | | | | | |
|-------|--------------------------------------------|-------|-----|----|------|------------|------|
| TULEG | Thule | 56.80 | 10 | i | P | 15 01 35.7 | -1.1 |
| TULEG | comp-Z,40nm,1.4s | | | | Iamb | 15 01 37.4 | |
| GAR | comp-Z,11nm,0.8s | 57.08 | 294 | P | P | 15 01 38.8 | -0.6 |
| KULM | Garm | 57.24 | 242 | P | P | 15 01 44.7 | +0.5 |
| KULM | Kulim | 57.74 | 242 | P | P | 15 01 46.0 | +1.8 |
| AB31 | Kulim | 57.84 | 309 | eP | P | 15 01 44.3 | -0.2 |
| AB31 | Kulim array | | | | | | |
| AB31 | comp-Z,12nm,0.5s | 57.84 | 309 | P | P | 15 01 44.3 | -0.2 |
| NIL | Abkular array | 58.11 | 287 | P | P | 15 01 47.1 | +0.4 |
| NIL | Nilore | | | | | | |
| NIL | comp-Z,163nm,1.4s | 58.11 | 287 | P | P | 15 01 47.1 | +0.4 |
| IPM | Nilore | 58.11 | 287 | P | P | 15 01 48.1 | +1.4 |
| COEN | Iph | 58.13 | 241 | P | P | 15 01 49.0 | +2.0 |
| MYKOM | Coen | 58.47 | 187 | P | P | 15 01 49.5 | +0.4 |
| KEV | Kota Tinggi | 58.50 | 237 | P | P | 15 01 52.0 | +2.5 |
| KEV | Kevo | 58.56 | 340 | P | P | 15 01 47.4 | -1.8 |
| KEV | comp-Z,31nm,1.2s | 58.56 | 340 | P | P | 15 01 47.4 | -1.8 |
| DAG | Danmarks Havn | 58.75 | 357 | i | P | 15 01 48.1 | -2.3 |
| DAG | comp-Z,3.0nm,0.7s | | | | | | |
| DAG | Danmarks Havn | 58.75 | 357 | i | P | 15 01 48.1 | -2.3 |
| DAG | comp-Z,2.9nm,0.7s | | | | | | |
| DAG | Danmarks Havn | 58.75 | 357 | i | P | 15 01 48.1 | -2.3 |
| DAG | comp-Z,2.9nm,0.7s | | | | | | |
| HRA | Tamitsa | 59.08 | 332 | eP | P | 15 01 49.7 | -3.2 |
| TMCR | | | | | | | |
| ARCES | comp-Z,29nm,1.5s | 59.08 | 340 | P | P | 15 01 51.7 | -1.2 |
| ARCES | ARCCESS Array B | 59.08 | 340 | P | P | 15 01 51.7 | -1.2 |
| ARCES | comp-Z,1.6nm,0.5s,baz=47,slow=6.8,SNR=15 | | | | | | |
| ARCES | ARCCESS Array B | 59.08 | 340 | P | P | 15 01 51.1 | -1.8 |
| ARCES | comp-Z,23nm,1.3s | | | | | | |
| ARCES | ARCCESS Array B | 59.08 | 340 | P | P | 15 01 51.0 | -1.8 |
| COR | Corvalliss | 59.14 | 56 | P | P | 15 01 55.9 | +2.2 |
| COR | comp-Z,108nm,1.5s | | | | | | |
| COR | Corvalliss | 59.14 | 56 | P | P | 15 01 55.9 | +2.2 |
| LTY | Liberty | 59.20 | 52 | P | P | 15 01 57.1 | +1.0 |
| MTN | Manton Dam | 59.45 | 201 | P | P | 15 01 57.4 | +1.4 |
| G05D | Wamic, OR | 59.95 | 55 | P | P | 15 02 01.4 | +2.2 |
| E07A | Sunnyside | 60.05 | 53 | P | P | 15 02 00.1 | +0.2 |
| E07A | comp-Z,26nm,1.3s | | | | | | |
| C08A | Chrisman Ranch | 60.23 | 51 | P | P | 15 02 02.0 | +0.8 |
| F07A | Phinny Hill Vi | 60.38 | 53 | P | P | 15 02 03.2 | +1.0 |
| F07A | comp-Z,19nm,0.9s | | | | | | |
| KBL | Kabul | 60.44 | 291 | P | P | 15 02 01.8 | -1.2 |
| KBL | comp-Z,78nm,1.2s | | | | | | |
| KBL | Kabul | 60.44 | 291 | P | P | 15 02 01.8 | -1.2 |
| KBL | Kabul | 60.44 | 291 | P | P | 15 02 02.5 | -0.5 |
| HUMO | Hull Mountain | 60.46 | 58 | P | P | 15 02 04.4 | +1.6 |
| TRO | Troms | 60.53 | 342 | eP | P | 15 02 01.4 | -1.3 |
| NEW | Newport | 60.61 | 50 | P | P | 15 02 04.9 | +1.2 |
| NEW | comp-Z,2.7nm,0.8s,baz=310,slow=3.5,SNR=5.6 | | | | | | |
| NEW | Newport | 60.61 | 50 | P | P | 15 02 05.0 | +1.2 |
| NEW | comp-Z,206nm,21.9s,baz=292,slow=34 | | | | | | |
| NEW | Newport | 60.61 | 50 | P | P | 15 02 05.0 | +1.2 |
| NEW | comp-Z,20nm,1.2s | | | | | | |
| KLMR | Klimovskoe | 60.65 | 328 | eP | P | 15 02 01.5 | -2.2 |
| KLMR | comp-Z,44nm,1.4s | | | | | | |
| KLMR | Klimovskoe | 60.65 | 328 | eP | P | 15 02 01.6 | -2.2 |
| KLMR | AMP | | | | | | |
| PSI | Prapat | 60.74 | 242 | P | P | 15 02 05.2 | 0.0 |
| PSI | comp-Z,44nm,1.4s | | | | | | |
| RPSI | Rantau Prapat | 60.83 | 242 | P | P | 15 02 05.2 | 0.0 |
| PINE | Pine Mountain | 60.99 | 56 | P | P | 15 02 07.7 | +1.0 |
| PINE | comp-Z,9.2nm,0.8s | | | | | | |
| E09A | Wood Farm, Sta | 61.04 | 52 | P | P | 15 02 08.1 | +1.4 |
| E09A | comp-Z,30nm,1.3s | | | | | | |
| J05D | Fort Rock, OR | 61.11 | 57 | P | P | 15 02 09.6 | +2.2 |
| J05D | comp-Z,30nm,1.3s | | | | | | |
| YBH | Yreka Blue Hor | 61.12 | 59 | P | P | 15 02 09.7 | +2.4 |
| YBH | comp-Z,16nm,1.4s | | | | | | |
| YBH | Yreka Blue Hor | 61.12 | 59 | P | P | 15 02 09.7 | +2.4 |
| YBH | comp-Z,16nm,1.4s | | | | | | |
| G08A | Pilot Rock | 61.29 | 54 | P | P | 15 02 09.9 | +1.4 |
| G08A | comp-Z,17nm,1.4s | | | | | | |
| M04C | Macdoel | 61.62 | 58 | P | P | 15 02 14.0 | +3.2 |
| M04C | comp-Z,30nm,1.3s | | | | | | |
| K05A | Summer Lake | 61.64 | 57 | P | P | 15 02 12.9 | +1.9 |
| WALA | Waterton Lakes | 61.87 | 48 | P | P | 15 02 13.4 | +1.0 |
| WALA | comp-Z,10nm,0.9s | | | | | | |
| F10A | Beach Ranch, E | 61.88 | 52 | P | P | 15 02 14.0 | +1.6 |
| F10A | comp-Z,14nm,1.4s | | | | | | |
| BELG | Belogornoye | 62.44 | 317 | i | P | 15 02 15.4 | -0.5 |
| BELG | comp-Z,6.0nm,0.9s | | | | | | |
| JTMT | Jette | 62.45 | 49 | P | P | 15 02 17.5 | +1.1 |
| JTMT | comp-Z,19nm,1.3s | | | | | | |
| BMO | Blue Mountains | 62.49 | 53 | P | P | 15 02 17.6 | +1.0 |
| BMO | comp-Z,7.0nm,1.0s | | | | | | |
| BMO | Blue Mountains | 62.49 | 53 | P | P | 15 02 17.6 | +1.0 |
| O03E | Paynes Creek | 62.51 | 60 | P | P | 15 02 19.1 | +2.3 |
| O03E | comp-Z,30nm,1.3s | | | | | | |
| GSI | Gunungsitoli | 62.75 | 242 | P | P | 15 02 19.0 | +0.5 |
| GSI | comp-Z,24nm,1.4s | | | | | | |
| KNRA | Kununnurra | 62.79 | 202 | P | P | 15 02 19.4 | +0.9 |
| NZTV | Thrivik | 63.03 | 342 | eP | P | 15 02 18.7 | -0.9 |
| XMAS | Kiritimati | 63.09 | 116 | P | P | 15 02 20.4 | 0.0 |
| SUMG | Summit | 63.08 | 3 | P | P | 15 02 20.4 | 0.0 |
| SUMG | comp-Z,24nm,1.4s | | | | | | |
| SUMG | Summit | 63.08 | 3 | P | P | 15 02 20.1 | -0.3 |
| SUMG | comp-Z,24nm,1.4s | | | | | | |
| SUMG | Summit | 63.08 | 3 | P | P | 15 02 20.1 | -0.3 |
| FAUS | Fauske | 63.18 | 342 | eP | P | 15 02 19.3 | -1.1 |
| WVOR | Wild Horse Val | 63.16 | 56 | P | P | 15 02 22.0 | +0.9 |
| WVOR | comp-Z,15nm,1.1s | | | | | | |
| WVOR | Wild Horse Val | 63.16 | 56 | P | P | 15 02 22.0 | +0.9 |
| WVOR | comp-Z,15nm,1.1s | | | | | | |
| M50 | Missoula | 63.19 | 50 | P | P | 15 02 22.1 | +0.9 |
| M50 | comp-Z,23nm,1.2s | | | | | | |
| M50 | Missoula | 63.19 | 50 | P | P | 15 02 21.8 | +0.6 |
| M50 | comp-Z,8.0nm,0.4s,baz=174,slow=23,SNR=4.0 | | | | | | |
| BEFK | Beckworth | 63.66 | 59 | P | P | 15 02 25.1 | +0.6 |
| FFC | Flin Flon | 64.11 | 38 | P | P | 15 02 27.6 | +0.6 |
| FFC | comp-Z,18nm,0.9s | | | | | | |
| FFC | Flin Flon | 64.11 | 38 | P | P | 15 02 27.6 | +0.6 |
| FFC | comp-Z,18nm,0.9s | | | | | | |
| MOR8 | Moi Rana | 64.33 | 341 | eP | P | 15 02 26.1 | -2.2 |
| PAHR | Pah Rah Range | 64.35 | 59 | P | P | 15 02 29.0 | 0.0 |
| PAHR | comp-Z,18nm,1.3s | | | | | | |
| HYB | Hyderabad | 64.41 | 270 | i | P | 15 02 29.0 | -0.5 |
| HYB | comp-Z,18nm,1.3s | | | | | | |
| HRY | Holter Researc | 64.41 | 49 | P | P | 15 02 28.5 | -0.8 |
| FCC | Fort Churchill | 64.54 | 31 | P | P | 15 02 29.9 | +0.2 |
| FCC | comp-Z,16nm,1.1s | | | | | | |

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| | | | | | | | |
|-------|------------------------------------------|-------|-----|------|------|------------|------|
| FCC | Fort Churchill | 64.54 | 31 | P | P | 15 02 29.9 | +0.2 |
| FCC | comp-Z,16nm,1.1s | | | | | | |
| PNTR | comp-Z,16nm,1.1s | 64.59 | 59 | P | P | 15 02 31.4 | +0.7 |
| LMRK | Limekiln Ridge | 64.63 | 50 | P | P | 15 02 30.9 | 0.0 |
| EGMT | Eagleton | 64.69 | 47 | P | P | 15 02 31.9 | +0.9 |
| EGMT | comp-Z,34nm,1.2s | 64.69 | 47 | P | P | 15 02 31.9 | +0.9 |
| EGMT | Eagleton | 64.69 | 47 | P | P | 15 02 31.9 | +0.9 |
| EGMT | comp-Z,34nm,1.2s | | | | | | |
| CMB | Columbia Colle | 64.75 | 61 | P | P | 15 02 32.7 | +1.2 |
| CMB | comp-Z,10.0nm,1.1s | | | | | | |
| CMB | Columbia Colle | 64.75 | 61 | P | P | 15 02 32.7 | +1.2 |
| CMB | comp-Z,10.0nm,1.1s | | | | | | |
| MOS | Moscow | 64.75 | 61 | P | P | 15 02 32.7 | +1.2 |
| MOS | comp-Z,70nm,1.5s | | | | | | |
| MOS | Moscow | 64.75 | 61 | P | P | 15 02 32.7 | +1.2 |
| MOS | comp-Z,70nm,1.5s | | | | | | |
| FIA1 | comp-Z,900nm,17.0s | 64.91 | 334 | P | P | 15 02 30.7 | -1.3 |
| FIA1 | FINESS Array S | | | | | | |
| FIA1 | comp-Z,48nm,1.4s | | | | | | |
| FIA1 | FINESS Array S | 64.92 | 334 | P | P | 15 02 30.8 | -1.3 |
| FIA1 | comp-Z,6.7nm,0.5s,baz=32,slow=8.5,SNR=39 | | | | | | |
| FINES | FINESS Array B | 64.92 | 334 | P | P | 15 02 30.8 | -1.3 |
| FINES | comp-Z,6.7nm,0.5s,baz=32,slow=8.5,SNR=39 | | | | | | |
| FINES | FINESS Array B | 64.92 | 334 | P | P | 15 02 30.8 | -1.3 |
| FINES | comp-Z,6.7nm,0.5s,baz=32,slow=8.5,SNR=39 | | | | | | |
| HLID | Halley | 64.93 | 53 | P | P | 15 02 34.0 | +1.2 |
| HLID | comp-Z,766nm,18.0s,baz=48,slow=39 | | | | | | |
| HLID | Halley | 64.93 | 53 | P | P | 15 02 34.0 | +1.2 |
| HLID | comp-Z,766nm,18.0s,baz=48,slow=39 | | | | | | |
| HLID | Halley | 64.93 | 53 | P | P | 15 02 33.9 | +1.1 |
| HRA | Herat | 65.03 | 294 | Iamb | Iamb | 15 02 33.2 | -0.3 |
| HRA | comp-Z,30nm,1.1s | | | | | | |
| HRA | Herat | 65.03 | 294 | Iamb | Iamb | 15 02 33.2 | -0.3 |
| HRA | comp-Z,30nm,1.1s | | | | | | |
| MCMT | McKenzie Canyo | 65.03 | 51 | P | P | 15 02 34.1 | +0.7 |
| SCO | Scoresbysund | 65.14 | 357 | P | P | 15 02 34.2 | +0.8 |
| SCO | comp-Z,13nm,1.1s | | | | | | |
| SCO | Scoresbysund | 65.14 | 357 | P | P | 15 02 34.2 | +0.8 |
| SCO | comp-Z,13nm,1.1s | | | | | | |
| BOZ | Bozeman (W) | 65.22 | 50 | P | P | 15 02 35.4 | +0.9 |
| BOZ | comp-Z,13nm,1.0s | | | | | | |
| BOZ | Bozeman (W) | 65.22 | 50 | P | P | 15 02 35.4 | +0.9 |
| BOZ | comp-Z,13nm,1.0s | | | | | | |
| BOZ | Bozeman (W) | 65.22 | | | | | |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Sierra Juarez, Lion Creek, Paradox Valley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SOHO, Lemitar, Jabal Madar, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Prague, Arges, Pruhonice, etc.

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Table with columns: TXAR, Lajitas Array, 80.88 58 P, 15 04 08.3 +1.0, etc. Lists various radio stations and their frequencies.

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Table with columns: MEH, Meheta, 84.20 122 eT, 15 04 08.3 +1.0, etc. Lists various radio stations and their frequencies.

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Table with columns: CMAR, Chiang Mai Arr, 60.29 295 P, 15 14 32.7 +0.3, etc. Lists various radio stations and their frequencies.

7d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SJCC, GTBY, ZARC, PTBC, SPBC, MOTO, CHIC, UREC, WILC, ROSC, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FCAR, Ozark Folk Cen, Mansfield, Pawnee, Mount Ida, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BW06, Boulder Array, PD31, Pinedale Array, PDAR, Pinedale Array, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AHID, Auburn Hatcher, REDW, Red Top Meadow, W13A, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, ZEA, TAOE, ULN, SONM, SEY, LSA, YAK, VDA, ZAK, TLY, TAPN, MOY, GUN, PKI, PKIN, KKN, DMN, BILL, GKN, KOLN, DANN, PYUN, WMQ, ZSN, ZSN, TRF, MCK, MLY, MK31, MK31, MKAR, MKAR, MAK2, MAK2, IL31, IL31, ILAR, ZAAO, ZAAO, ZALV, ZALV, GSPA, SHLS, SHLS, UZB.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UZB, SKRC, KPKS, KPKS, SATY, SATY, MAW, MAW, MAW, MAW, TDK, TDK, SEM, SEM, SEM, KSH, KSH, KSH, MDOK, MDOK, TNS, TNS, AAA, AAA, CHK, CHK, MTBS, MTBS, KUU, KUU, KURK, KURK, AAK, AAK, EPYK, EPYK, BTLS, BTLS, NRIK, NRIK, NRIK, NRIK, GAR, GAR, PKM, PKM, BRVK, BRVK, LHV, LHV, EDW, EDW, CWC, CWC, NVA, NVA, BFSC, BFSC, LRMC, LRMC, MPMC, MPMC, SYO, SYO, SYO, SYO, GSC, GSC, MONP, MONP, FURC, FURC, PFO, PFO, IKP, IKP, HEC, HEC, SHOC, SHOC, BELC, BELC, SWSC, SWSC, TPNV, TPNV, GMRC, GMRC, BC3, BC3, IRM, IRM, R11A, R11A, PDMCI, PDMCI, HRA, HRA, YKA, YKA, YKA, ARU, ARU.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PDAR, PDAR, AKASG, AKASG, BRTR, BRTR, KOLS, KOLS, BRG, BRG, KHC, KHC, GERES, GERES, GERES, GERES, WATA, WATA, WTAA, WTAA, SQTA, SQTA, FETA, FETA, SMLC, SMLC, LPAZ, LPAZ, CPUP, CPUP, BDFB, BDFB, TORD, TORD, VAO, VAO, IDC, IDC, NEIC, NEIC, ISC, ISC, OTAV, OTAV, OTAV, CUSE, CUSE, PAC1, PAC1, PUAC, PUAC, CPAS, CPAS, CCUF, CCUF, GCUF, GCUF, BBAC, BBAC, FLOC, FLOC, PUAC, PUAC, POPC, POPC, GARC, GARC, MARP, MARP, MACC, MACC, YOTC, YOTC, ATAH, ATAH, ATAH, ORTO, ORTO, TOLC, TOLC, PLMC, PLMC, GUYC, GUYC, CHIC, CHIC, NORC, NORC, ZARC, ZARC, NNA, NNA, NNA, NNA, SDV, SDV, SAML, SAML, NPA, NPA, PCRV, PCRV, LPAZ, LPAZ, LPAZ, PB16, PB16, MNMC, MNMC, PB11, PB11, G001, G001, WILB, WILB, SIV, SIV, ITTB, ITTB, LVC, LVC, ITAB, ITAB, PTLB, PTLB, MALB, MALB, CLDB, CLDB, MCPB, MCPB, MDP, MDP, SNDB, SNDB, PRPB, PRPB, AQDB, AQDB, ARAG, ARAG, SMTB, SMTB, PEXB, PEXB, BDFB, BDFB, BDFB, BDFB, IPMB, IPMB, PTGB, PTGB, BB19B, BB19B, ITAB, ITAB, TIJ01, TIJ01, PARB, PARB, TX32, TX32, TXAR, TXAR, TXAR, TXAR, TX31, TX31, PLCA, PLCA, PLCA, PLCA, ABTX, ABTX, ABTX, ABTX, U40A, U40A, U40A, U40A, T42A, T42A, T42A, T42A, FVM, FVM, FVM, FVM, WNOK, WNOK, CCM, CCM, CCM, CCM, MNTX, MNTX, MNTX, MNTX, AMTX, AMTX, AMTX, AMTX, 121A, 121A, 121A, 121A.

7d 19h

Table with columns: ANMO, Albuquerque, 45.20 326, P, P, 18 20 20.6 +2.0, ANMO, 18 20 21.3, TUC, Tucson, 46.00 320, P, P, 18 20 25.5 +0.8, SDCO, Great Sand Dun, 46.77 329, P, P, 18 20 32.6 +1.6, SDCO, 18 20 33.7, W18A, Petrified Fore, 47.22 323, P, P, 18 20 35.9 +1.6, W18A, 18 20 37.3, PV01, Paradox Valley, 48.69 327, P, P, 18 20 45.3 +0.3, TPV, Topopah Spring, 52.41 321, P, P, 18 21 14.3 +0.8, TPV, 18 21 16.5, DUG, Dugway, Tooele, 52.48 326, P, P, 18 21 14.8 +1.0, DUG, 18 21 16.0, SPR3, Spring Creek 3, 52.54 324, P, P, 18 21 15.6 +1.0, PDAR, Pinedale Array, 52.61 331, P, P, 18 21 15.4 +0.6, PDAR, 18 22 22.3 -0.1, HWUT, Hardware Ranch, 52.78 328, P, P, 18 21 16.8 +0.7, HWUT, 18 21 17.7, BGU, Big Grassy Mtn, 53.0 327, P, P, 18 21 19.5 +1.2, TPAW, Teton Pass, 53.83 330, P, P, 18 21 23.7 -0.1, ULM, Lac du Bonnet, 53.84 346, P, P, 18 21 22.3 -1.1, ULM, 18 21 22.1 -1.2, ULM, 18 21 21.0 +1.6, NVAR, Mina Array, 54.05 321, P, P, 18 22 30.7 +0.5, NVAR, 18 21 45.2 +0.7, BEKR, Beckworth, 56.74 321, P, P, 18 21 45.2 +0.7, BEKR, 18 21 60.0 +1.4, I07A, Izeze, 58.78 326, P, P, 18 22 01.8, G08A, Pilot Rock, 59.24 327, P, P, 18 22 02.6 +0.9, G08A, 18 22 03.9, PINE, Pine Mountain, 59.42 325, P, P, 18 22 04.9 +1.8, DBIC, Dimbokro, 72.99 83, P, P, 18 23 28.9 -0.8, DBIC, 18 23 28.8 -1.0, TORO, Torodi Arr, 79.85 76, P, P, 18 24 06.9 -1.5, TORO, 18 24 21.9 0.0, ILAR, Eielson Array, 82.61 336, P, P, 18 30 58.9 -0.3, ZALV, Zalesovo Beam, 126.9 13 PPKP, 18 31 10.2 -0.4, MKAR, Makanchi Array, 131.54 18 PKP, 18 31 14.8 +0.1, SONM, Songoing Array, 139.66 356 PKP, 18 31 21.7 +0.3, KSRS, Korea Array, 137.17 330 PKP, 18 31 21.1, ASAR, Alice Springs, 140.53 229 PKHP, 18 31 21.1, ASAR, 18 34 44.8 -2.8, WRA, Warramunga Arr, 142.19 234 PKHP, 18 31 26.9, WRA, 18 34 49.9 -1.9, PYUN, Piuthan, 147.61 33 eP, 18 31 43.1 -0.2, DANN, Dangsing, 147.83 32 eP, 18 31 44.0 0.0, KOLD, Koldanda, 148.20 33 eP, 18 31 44.2 -0.7, GKN, Gorkha, 148.57 31 eP, 18 31 45.4 -0.3, KKN, Kakan, 149.07 31 eP, 18 31 46.9 -0.2, DMN, Daman, 149.13 31 eP, 18 31 47.2 -0.1, GUN, Gumba, 149.27 30 eP, 18 31 47.7 0.0, PKIN, Pulchoki, 149.30 31 eP, 18 31 47.1 -0.6, PKI, Pulchoki, 149.31 31 eP, 18 31 47.1 -0.7, RAMN, Ramite, 150.42 30 eP, 18 31 50.0 -0.4, TAPAN, Tapejlung, 150.62 27 eP, 18 31 50.8 -0.1, ODAN, Odare, 150.88 28 eP, 18 31 51.2 -0.3, CMAR, Chiang Mai Arr, 162.74 11 PKP, 18 31 59.7 -1.0, CMAR, 18 31 59.7 -1.0

IDC 07 18:54:15.0-0.6, 6.51S, 154.36E, h0km, mb4.3/19, mb1.4/4.23, mb1mx3.2/53, mbtmp4.3/23, ML3.3, I3, MS3.6/5, Ms1.3.6/5, ms1mx3.3/25, Error ellipse: s-maj=20.8km s-min=14.4km az=107.0
NEIC 07 18:54:21.9-2.4, 6.49S, 0.09x153.98E-0.09, h35km, 2.2km, mb4.4/11, Error ellipse: s-maj=16.7km s-min=12.7km az=48.0
ISC 07 18:54:15.8-0.5, 6.61S, 0.06x154.45E-0.06, h10km, n56, a=1527/62, mb4.4/25, MS3.6/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, RABL, Rabaul, 3.31 317, P, Pn, 18 55 08.5 +0.8, KRVT, Keravat (AS076), 3.32 313, Pn, Pn, 18 55 08.7 +0.8, KRVT, 18 55 43.8 -3.7, HNR, Honiara, 6.13 118, Pn, Pn, 18 56 00.7 -1.9, HNR, 18 57 15.8 -0.3, HNR, 18 56 00.2 -2.5, PMG, Port Moresby, 7.73 248, Pn, Pn, 18 56 09.6 +1.2, PMG, 18 57 33.3 -2.8, PMG, 18 58 48.9, PMG, 18 56 09.4 +1.0, PMG, 18 59 12.5, CTA, Charters Tower, 15.58 210, P, P, 18 57 58.5 -1.5, CTA, 18 57 58.6 -1.3, DZM, Mont Dzumac, 19.25 144, P, Pn, 18 58 43.2 +1.6, WRO, Warramunga Arr, 23.44 234, Iamb, Iamb, 18 59 25.7 +0.2, WRO, 18 59 27.2, WB0, Warramunga Arr, 23.46 234, P, P, 18 59 25.0 -0.7, WB0, 18 59 27.2, WRAB, Tennant Creek, 23.46 234, P, P, 18 59 26.0 -0.8, WRAB, 18 59 28.8, WB2, Warramunga Arr, 23.58 234, P, P, 18 59 25.6 -1.2, WB2, 18 59 28.9, WRA, Warramunga Arr, 23.59 234, P, P, 18 59 26.9 0.0, WRA, 19 03 14.2 +2.0, WRA, 19 06 52.5 +1.7, AS31, Alice Springs, 26.02 227, P, P, 18 59 49.9 +0.6, ASAR, Alice Springs, 26.02 227, P, P, 18 59 49.8 +0.5, ASAR, 19 03 19.6 +2.0, ASAR, 19 07 00.9 +3.4, ASAR, 19 10 12.3, ASAR, 18 59 49.6 +0.3, KNRA, Kunurra, 26.73 248, Iamb, Iamb, 18 59 58.1, STKA, Stephens Creek, 27.85 204, P, P, 19 00 05.7 0.0

2019 DEC

Table with columns: STKA, comp=Z, 4.7nm, 0.9s, baz=29, slow=14, SNR=9.1, STKA, 19 10 16.3, STKA, 19 00 05.6 0.0, FITZ, Fitzroy Crossi, 30.31 245, P, P, 19 00 27.3 -0.4, FITZ, 19 12 03.6, FITZ, 19 00 27.2 -0.4, TOO, Toolangi, 31.88 194, Iamb, Iamb, 19 00 41.3 0.0, TOO, 19 00 45.3, JNU, Naktusue, 45.42 332, P, P, 19 02 34.5 -0.4, JNU, 19 02 34.0 -0.9, JNU, 19 03 12.3 -0.6, USRK, Ussuriysk Arr, 54.59 340, P, P, 19 03 43.8 +0.1, USRK, 19 04 19.1 -0.3, PETK, Petropavlovsk-59, 56.2, P, P, 19 04 22.8 -1.2, CMAR, Chiang Mai Arr, 60.13 296, P, P, 19 05 20.7 +0.8, SONM, Songoing Array, 68.72 327, P, P, 19 05 45.8 +0.8, TAPAN, Tapejlung, 72.74 301 eP, P, 19 05 47.1 +1.0, ODAN, Odare, 72.87 301 eP, P, 19 05 51.3 +1.4, RAMN, Ramite, 73.57 300 eP, P, 19 05 56.3 +1.1, PKI, Pulchoki, 74.76 301 eP, P, 19 05 57.8 +0.9, PKIN, Pulchoki, 74.77 301 eP, P, 19 05 58.9 +1.1, KKN, Kakan, 74.93 301 eP, P, 19 05 59.5 +1.1, DMN, Daman, 75.03 301 eP, P, 19 06 02.2 +1.0, GKN, Gorkha, 75.54 301 eP, P, 19 06 07.4 +1.4, KOLD, Koldanda, 76.36 301 eP, P, 19 06 07.5 +1.4, DANN, Dangsing, 76.37 301 eP, P, 19 06 10.4 +1.0, PYUN, Piuthan, 76.79 301 eP, P, 19 06 14.4 +1.3, MKAR, Makanchi Array, 82.76 319, P, P, 19 06 41.4 -0.7, ILAR, Eielson Array, 83.22 22, P, P, 19 06 44.2 +0.1, ZALV, Zalesovo Beam, 83.56 326, P, P, 19 06 57.9 +0.3, KURBB, Kurchatov Arr, 86.23 322, P, P, 19 07 03.4 +1.2, AAK, Ala Archangels, 87.09 313, P, P, 19 07 22.5 -0.8, BVAR, Borovoye Array, 91.66 323, P, P, 19 07 25.9 +0.8, NVAR, Mina Array, 91.91 52, P, P, 19 07 44.8 +0.6, YKA, Yellowknife Arr, 96.26 28, P, P, 19 07 50.6 -0.6, PDAR, Pinedale Array, 98.85 48, P, P, 19 10 03.1 +0.2, BRTR, Keskin Array B, 117.72 312 PKP, PKP, 19 13 18.7 -0.6, GERES, GRESS Array B, 126.44 329 PKP, PKP, 19 14 07.3 -0.5, BDFB, Brasilia, 148.63 135 PKP, PKP, 19 14 13.9 +0.4, TORO, Torodi Arr, 154.20 286 PKP, PKP, 19 14 13.9 +0.4

IDC 07 18:58:03.1-1.5, 3.90N, 126.73E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.5/53, mbtmp3.8/6, Error ellipse: s-maj=104.8km s-min=20.8km az=68.0
MAN 07 18:58:08.4, 3.51N, 125.79E, h2km, MS4.5
ISC 07 18:58:05.0-1.0, 3.38N, 101.1263E-0.3, h10km, n10, a=1569/12, mb3.8/6, 1D, Talaud Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, DDMP, Don Marcelino, 2.40 345 eP, P, 18 58 52.1 +1.2, DDMP, 18 59 24.4 +2.3, SKMP, Bagumbayan, Su, 3.26 327 eP, P, 18 59 01.4 -1.5, SKMP, 18 59 42.3 -0.4, KCP, Kidapawan, 3.44 339 eP, P, 18 59 03.5 -2.7, EUKP, Eureka, 4.27 343 eP, P, 18 59 17.7 -2.6, FITZ, Fitzroy Crossi, 21.75 182, P, P, 19 02 57.1 +0.4, WRA, Warramunga Arr, 24.85 162, P, P, 19 03 26.9 -1.0, ASAR, Alice Springs, 25.25 165, P, P, 19 03 59.2 +0.7, STKA, Stephens Creek, 38.31 159, P, P, 19 05 25.7 -0.2, MKAR, Makanchi Array, 57.30 325, P, P, 19 07 53.0 -0.1, KURBB, Kurchatov Arr, 61.49 328, P, P, 19 08 22.1 +1.0, IDC 07 19:01:52.9-1.9, 4.376N, 105.32W, h0km, mb1.3/3.4, mb1mx3.2/55, mbtmp3.1/4, ML2.7/3, Error ellipse: s-maj=43.6km s-min=9.5km az=150.0, NEIC 07 19:01:55.6-0.8, 4.374N, 0.05-105.27W-0.04, h0km, 2km, ML3.0/43, Error ellipse: s-maj=9.9km s-min=3.1km az=336.0, ISC 07 19:01:55.0-1.1, 4.378N, 0.06-105.27W-0.06, h0km, n38, a=113/37, Wyoming

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, RSSD, Black Hills, 0.95 69, P, P, 19 02 14.8 +0.6, K22A, Casper, 1.46 220, Iamb, Iamb, 19 02 21.4 -1.3, K22A, 19 02 44.6, PHWY, Pilot Hill, 2.48 183, Pn, Pn, 19 02 37.1 +0.2, PHWY, 19 03 15.4, RWWY, Rawlins, 2.53 215, Pn, Pn, 19 02 37.6 0.0, RWWY, 19 03 17.6, RWWY, 19 03 18.3, N23A, Red Feather L, 2.93 190, Iamb, Pn, 19 02 44.0 +1.0, N23A, 19 03 27.6, N23A, 19 03 31.9, LAO, Red Lodge, 2.99 347, Pn, Pn, 19 02 44.6 +0.9, RLMT, 19 02 46.6 -0.3, BW06, Boulder Array, 3.29 254, Iamb, P, 19 02 48.5 +0.5, BW06, 19 03 39.2, PD31, Pinedale Array, 3.29 254, Pn, Pn, 19 02 48.3 +0.2, PDAR, Pinedale Array, 3.29 254, Pn, Pn, 19 02 48.3 +0.5, YMP, Yampike Pt, 3.64 287, Pn, Pn, 19 02 53.4 +0.5, HITA, Grant Village, 3.88 287, Pn, Pn, 19 02 57.7 +2.6, LOHW, Long Hollow, 3.88 269, Pn, Pn, 19 02 57.0 +1.0, FLWY, Flagg Ranch, 3.94 276, Iamb, Iamb, 19 04 09.1, FLWY, 19 04 18.1, ISCO, Idaho Springs, 3.99 184, Pn, Pn, 19 02 58.5 +0.9, YPP, Pitchstone Pia, 4.03 279, Pn, Pn, 19 03 00.0 +1.1, REDW, Red Top Meadow, 4.08 266, Iamb, P, 19 04 15.4, REDW, 19 04 21.9, YHH, Holme Hill, 4.14 286, Pn, Pn, 19 03 01.1 +1.4, TPAW, Teton Pass, 4.14 268, Iamb, Iamb, 19 03 01.0 +1.3, TPAW, 19 03 00.1 -1.2, O20A, White River Cr, 4.26 212, Pn, Pn, 19 03 04.4 +1.4, AHID, Auburn Hatcher, 4.38 259, Pn, Pn, 19 03 04.4 +1.4

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Table with columns: AHID, comp=E, 12nm, 3.9s, AHID, 19 05 01.1, Q24A, Divide, 4.81 179, Pn, Pn, 19 03 09.7 +0.7, Q24A, 19 05 05.0, HWUT, Hardware Ranch, 5.13 247, Iamb, Pn, 19 03 13.3 +0.1, HWUT, 19 04 41.2, HWUT, 19 04 47.9, KSC0, Kaye Shedlock, 5.16 157, Pn, Pn, 19 03 13.8 +0.2, MCMT, McKenzie Canyon, 5.54 284, Pn, Pn, 19 03 24.4 +5.5, SPUT, South Promonto, 5.85 248, Pn, Pn, 19 03 24.5 +1.3, PV22, Blue Mesa, Par, 5.88 208, Pn, Pn, 19 03 24.7 +1.2, PV22, 19 03 25.9 -0.5, PV17, Paradox Valley, 5.92 205, Pn, Pn, 19 03 25.7 +1.6, PV17, 19 03 25.3 +0.9, PV14, Lion Creek, Pa, 6.10 209, Pn, Pn, 19 03 27.2 +0.6, PV20, West Nyswonger, 6.11 208, Pn, Pn, 19 03 27.9 +1.2, PV11, David Mesa, Pa, 6.12 208, Pn, Pn, 19 03 27.7 +0.9, O16A, Castle Valley, 6.58 224, Pn, Pn, 19 03 34.0 +0.7, DUG, Dugway, Tooele, 6.67 240, Pn, Pn, 19 03 34.7 +0.4, ELK, Elko, 6.80 251, Pn, Pn, 19 03 50.2 -2.4, ULM, Lac du Bonnet, 9.11 41, Pn, Pn, 19 04 05.5 -2.0, ULM, 19 06 35.1, YKA, Yellowknife Arr, 19.53 347, P, P, 19 06 22.6 -1.1

BUI 07 19:06:20.3-0.0, 15.191N, 147.739E, h9km, mb5.2/35, mb4.8/55, Ms4.5/9, Ms7.4/2.9
NEIC 07 19:06:21.7-1.5, 15.05N, 0.06-147.36E-0.06, h10km, 1km, mb4.9/32, Error ellipse: s-maj=13.5km s-min=3.4km az=134.0
IDC 07 19:06:21.6-0.5, 15.111N, 147.117E, h0km, mb4.4/28, mb1.4/5.29, mb1mx4.4/51, mbtmp4.4/29, ML4.1/1, MS3.6/11, Ms1.3.6/11, ms1mx3.4/38, Error ellipse: s-maj=17.1km s-min=11.0km az=106.0
ISC 07 19:06:22.4-0.4, 15.070N, 0.06-147.30E-0.07, h10km, n133, a=1929/125, mb4.8/61, MS3.8/12, IC-2D, Mariana Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, h m s ISC, GUMO, Guam, 2.77 238, Pn, Pn, 19 07 05.7 -1.2, GUMO, 19 07 39.2 -1.3, GUMO, 19 07 06.8 -0.1, GUMO, 19 07 39.8 -0.7, PATS, Pohnpei, 18.65 126, Pn, Pn, 19 18 59.9 -2.9, JAY, Jayapura, 18.65 201, Pn, Pn, 19 19 42.5 +1.6, JAY, 19 30 15.6, H11S3, WAKE ISLAND Hy 18.89, 77, T, T, 19 30 15.0, H11S1, WAKE ISLAND Hy 18.89, 77, T, T, 19 30 17.3, H11S2, WAKE ISLAND Hy 18.89, 77, T, T, 19 30 17.3, GENI, Genyem, 18.91 202, P, P, 19 10 46.7 +2.7, SMP1, Sarni, 18.96 207, P, P, 19 10 45.5 +0.9, JHJ, Hachijo jima 2, 19.22 341, LR, LR, 19 17 13.3, H11N1, WAKE ISLAND Hy 19.26, 73, T, T, 19 30 45.8, H11N2, WAKE ISLAND Hy 19.26, 73, T, T, 19 30 39.8, H11N3, WAKE ISLAND Hy 19.26, 73, T, T, 19 30 39.8, KRVT, Keravat (AS076), 21.55 166, LR, LR, 19 16 38.5, SIJ, Sorong, 22.41 226, P, P, 19 11 20.7 -0.7, SJI, Sijunjung, 22.41 226, P, P, 19 11 23.9 +2.6, DAV, Davao City (W), 22.73 252, LR, LR, 19 19 09.4, MJAR, Matushiro Arr, 22.87 341, P, P, 19 11 21.8 -4.3, MJAR, 19 19 01.9, MAJO, Matushiro, 22.88 341, P, P, 19 11 23.6 -2.5, MAJ, Matushiro, 22.88 341, P, P, 19 11 24.8 -1.2, MAT, Matsuyama, 22.88 341, P, P, 19 11 31.6 -0.3, FAKI, Fak Fak, 23.27 221, P, P, 19 11 30.9 +0.6, FAKI, 19 11 31.1 +0.7, JNU, Naktusue, 23.25 323, P, P, 19 11 30.4 -0.6, JNU, 19 11 31.7 +0.6, JMM, Marumori, 23.43 342, P, P, 19 11 39.4, JMM, 19 11 34.4 +0.9, JHS, 19 11 48.9, PMG, Port Moresby, 24.31 180, P, P, 19 11 40.0 -0.4, PMG, 19 12 09.3, PMG, 19 12 09.3, NACB, Nanganchiao, 25.81 295, P, P, 19 11 53.2 -0.8, NACB, 19 11 58.0, YHNB, Yeheng, 26.14 295, P, P, 19 11 56.6 -0.5, JTM, Tenabayahisi, 26.20 349, P, P, 19 11 57.8 +0.6, SSSL, Suanglung, 26.28 293, P, P, 19 11 57.9 -0.3, SSSL, 19 12 02.9, TPUB, Tapu, 26.45 292, P, P, 19 11 59.3 -0.5, KSRS, Korea Array, 26.45 326, P, P, 19 12 13.6 -1.3, LUWI, Luwuk, 29.66 239, P, P, 19 12 21.5 -1.7, LUWI, 19 12 33.7, ASAJ, Asahikawa, 29.23 353, LR, LR, 19 24 36.5, NJ2, Nanjing, 30.93 308, pmax, pmax, 19 12 40.5 +0.9, USRK, Ussuriysk Arr, 31.83 339, P, P, 19 12 45.8 -1.5, BKSI, Bulukbata, 33.70 235, P, P, 19 13 02.8 -1.2, CN2, Changchun, 34.17 331, eP, pmax, 19 13 09.8 +2.0, CN2, 19 13 34.7, WB0, Warramunga Arr, 36.87 201, P, P, 19 13 31.8 +0.5, WR0, Warramunga Arr, 37.00 200, P, P, 19 13 33.1 +0.7, WRAB, Tennant Creek, 37.04 200, Iamb, Iamb, 19 13 33.6 +0.6, WB2, Warramunga Arr, 37.05 200, P, P, 19 13 34.3 +0.3, WRA, Warramunga Arr, 37.05 200, P, P, 19 13 33.4 +0.6, PETK, Petropavlovsk-38, 38.84 10, P, P, 19 13 48.8 +1.3, PETK, 19 13 51.5 0.0, FITZ, Fitzroy Crossi, 39.26 214, P, P, 19 02 57.0 +1.0, FITZ, 19 02 57.0 +1.0, XAN, Xian, 39.39 306, P, P, 19 13 52.0 -0.5, XAN, 19 13 54.7 +1.1, GYA, Guiyang, 39.49 293, pP, pmax, 19 13 54.7 +1.1, HHC, Hu-ho-hao-te, 40.25 317, eP, P, 19 14 00.3 +0.6, HHC, 19 14 00.3 +0.6, ASAR, Alice Springs, 40.66 199, P, P, 19 14 04.0 +0.9, ASAR, 19 14 04.0 +0.9

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Alice Springs, Mont Dzumac, Son La, Chengdu, Kunming, Lanzhou, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Mina Array Bea, Klimovskoe, ARCES, PDAR, FINES, BRTR, TORD, DBIC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Huehuetenango, HUEB, NUBE, Cerro Verde, etc.

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

IDC 07 20:08:23.5.2.4.4.25N:105.62W, h0km, mb1 3.6/4, mb1mx3.3/37, mbtmp3.2/4, ML3.6/4, Error ellipse: s-maj=34.4km s-min=17.8km az=3.0

ISC 07 20:08:27.1.1.5.4315N:0.06-105.35W:0.10, h0km, n36, a=098/35, Wyoming

Main table for Wyoming stations including RSSD Black Hills, PHWY Pilot Hill, RWWY Rawlins, etc.

ATH 07 20:16:54.0, 37.48N:21.78E, h25km, ML2.9/16, Error ellipse: s-maj=1.4km s-min=0.9km az=237.0

THE 07 20:16:54.5, 37.47N:21.78E, h0km, ML3.0/15, Error ellipse: s-maj=1.8km s-min=0.4km az=189.0

ISC 07 20:16:55.0, 1.0, 37.47N:0.02-21.78E:0.02, h19km, n2km, n63, a=093/84, Southern Greece

Table for Southern Greece stations including ARTEMIDA-MAKIS, ITHOMI, DROSSIA, etc.

Main table for 2014 DEC stations including VLX, RLS, KLV, GUR, EFP, etc.

IDC 07 20:27:53.4.0.0, 0.67N:29.76W, h0km, mb3.8/12, mb1 4.1/13, mb1mx3.9/50, mbtmp3.9/13, ML4.4/1, MS3.6/13, Ms 1.6/13, ms1mx3.4/51, Error ellipse: s-maj=35.3km s-min=15.2km az=149.0

ISC 07 20:27:54.7.0.6, 0.5N:0.2-29.8W:0.1, h10km, n26, a=146/17, mb3.9/14, MS3.6/12, Central Mid-Atlantic Ridge

Table for Central Mid-Atlantic Ridge stations including RCBR Riachuelo, H10N3 ASCENSION HYDR1, etc.

Table for 7d 20h stations including BDFB, LIC Lamto, TIC Toundi, etc.

JMA 07 20:28:50.1.0.4, 34.86N:126.92E, h0km, M4.3, KEA 07 20:28:57.2.0.0, 34.77N:126.93E, h0km, ML3.9/5

ISC 07 20:28:54.9.1.5, 34.80N:0.07-127.03E:0.09, h10km, n13, a=1509/17, South Korea

Table for South Korea stations including JTU Tsushima, JTSM Tsuhimamitsu, etc.

TAP 07 20:48:04.0, 24.66N:122.24E, h9km, ML3.0, C JMA 07 20:48:04.8, 24.61N:122.23E, h26km, 4km, M2.9

ISC 07 20:48:04.2.0.9, 24.64N:0.02-122.24E:0.02, h14km, n8km, n87, a=080/124, Taiwan region

Main table for Taiwan region stations including EGS, TWC, NTC, ENAH, etc.

7d 21h

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

IDC 07 21:03:59.7-0.4, 45.83N-27.34E, h0km, mb4.2/20, mb1.4/2/34, mb1mx4.1/61, mbtmp4.2/34, ML3.6/13, MS3.4/17, Ms1.3/4/17, ms1mx3.3/68, Error ellipse: s-maj=7.2km s-min=5.5km az=176.0, BUJ 07 21:04:00.0-0.4, 45.90N-27.20E, h10km, mb5.1/16, mb4.6/25, Ms5.0/3, Ms7.4/8/3

2014 DEC

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MOS Felt, SIGU, PRU, NEIC, BUC, MED, etc.

350

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

Table with columns: AAK, comp, pmax, pmax, 21 10 41.1 +0.3, etc. Includes stations like Ala-Archa, Kurchatov Arra, Kurchatov, Boomskoeye usch, etc.

Table with columns: CEVE, comp, IAML, 21 07 05.5, etc. Includes stations like Cerro Verde, San Blas, San Jose, etc.

Table with columns: PTEO, EQES, 3.69 35 P, etc. Includes stations like Quesada, Nicolau / Gran, etc.

IDC 07 21:06:01.3... 17.78N:91.24W, h0km, mb3.4/3, mb1.3/9.5, mb1mx3.6/4.1, mbmtmp3.5/5, ML3.7/2, Error ellipse: s-maj=157.1km s-min=51.9km az=40.0

IDC 07 21:16:32.0... 13.97N:90.98W, h0km, mb5.2/42, mb1.5/44, mb1mx5.3/50, mbmtmp5.2/44, ML2.6/1, MS5.7/34, Ms1.5/734, ms1mx5.5/42, Error ellipse: s-maj=15.2km s-min=7.9km az=50.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like THIG, HUEH, LAS NUBES, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like HDC Heredia, URIC Uribia, TIGA Tifton, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes call signs like WHTX Lake Whitney, URIC Uribia, TIGA Tifton, etc.

| | | | | | | | | | | |
|-------|-------------------|-------|-----|---------|---------|-----|----|----|------|------|
| GRGR | comp=Z,119nm,0.7s | 29.11 | 90 | eP | P | P | 21 | 22 | 31.5 | -2.6 |
| O57A | Amberson | 29.19 | 23 | 2 | P | P | 21 | 22 | 33.9 | -0.2 |
| PV14 | Lion Creek | 29.14 | 331 | Iamb | Iamb | | 21 | 22 | 44.4 | |
| PV10 | Paradox Valley | 29.15 | 331 | Iamb | Iamb | | 21 | 22 | 46.0 | |
| PV22 | Blue Mesa, Par | 29.16 | 331 | Iamb | Iamb | | 21 | 22 | 40.7 | |
| M52A | Chesterland | 29.16 | 16 | Iamb | Iamb | | 21 | 22 | 37.4 | |
| JFWS | Jewell Farm | 29.19 | 2 | P | P | P | 21 | 22 | 35.7 | +1.1 |
| JFWS | Jewell Farm | 29.19 | 2 | Iamb | Iamb | | 21 | 22 | 40.3 | |
| M53A | WI Miller and | 29.25 | 17 | P | P | P | 21 | 22 | 34.0 | -1.2 |
| M53A | WI Miller and | 29.25 | 17 | IAMS_20 | IAMS_20 | | 21 | 22 | 39.5 | |
| MAGL | Barre de l'ile | 29.28 | 82 | eP | P | P | 21 | 22 | 49.6 | +3.9 |
| GCMP | Grenada, Carri | 29.29 | 89 | eP | P | P | 21 | 22 | 25.5 | -1.0 |
| NNA | Nana | 29.31 | 150 | P | P | P | 21 | 22 | 36.8 | +0.9 |
| NNA | Nana | 29.31 | 150 | PcP | PcP | PcP | 21 | 25 | 44.2 | +1.8 |
| NNA | Nana | 29.31 | 150 | LR | LR | LR | 21 | 22 | 11.2 | |
| NNA | Nana | 29.31 | 150 | P | P | P | 21 | 31 | 36.1 | +0.2 |
| NNA | Nana | 29.31 | 150 | P | P | P | 21 | 25 | 42.0 | |
| NNA | Nana | 29.31 | 150 | pmax | pmax | | | | | |
| NNA | Nana | 29.31 | 150 | MLR | MLR | | | | | |
| NNA | Nana | 29.31 | 150 | P | P | P | 21 | 22 | 36.1 | +0.2 |
| NNA | Nana | 29.31 | 150 | PcP | PcP | PcP | 21 | 25 | 42.0 | -0.4 |
| NNA | Nana | 29.31 | 150 | IAMS_20 | IAMS_20 | | 21 | 34 | 37.8 | |
| DLPL | La Plaine | 29.32 | 83 | IAMS_20 | IAMS_20 | | 21 | 22 | 34.9 | -0.8 |
| O58A | Lewisberry | 29.32 | 23 | P | P | P | 21 | 22 | 34.9 | -0.8 |
| SWSC | Sam W. Stewart | 29.34 | 315 | P | P | P | 21 | 22 | 38.3 | +2.3 |
| AAM | Ann Arbor | 29.35 | 12 | P | P | P | 21 | 22 | 35.7 | -0.3 |
| AAM | Ann Arbor | 29.35 | 12 | P | P | P | 21 | 22 | 36.0 | 0.0 |
| AAM | Ann Arbor | 29.35 | 12 | pmax | pmax | | | | | |
| AAM | Ann Arbor | 29.35 | 12 | P | P | P | 21 | 22 | 36.0 | 0.0 |
| U15A | North Rim | 29.37 | 324 | Iamb | Iamb | | 21 | 22 | 52.0 | |
| U15A | North Rim | 29.37 | 324 | Iamb | Iamb | | 21 | 22 | 52.0 | |
| U15A | North Rim | 29.37 | 324 | IAMS_20 | IAMS_20 | | 21 | 35 | 39.3 | |
| IKP | In-Ko-Pah, Jac | 29.38 | 314 | P | P | P | 21 | 22 | 39.3 | +2.8 |
| SSPA | Standing Stone | 29.41 | 21 | P | P | P | 21 | 22 | 35.4 | -1.1 |
| SSPA | Standing Stone | 29.41 | 21 | P | P | P | 21 | 22 | 35.1 | -1.4 |
| SSPA | Standing Stone | 29.41 | 21 | Iamb | Iamb | | 21 | 22 | 42.6 | |
| SSPA | Standing Stone | 29.41 | 21 | IAMS_20 | IAMS_20 | | 21 | 34 | 37.6 | |
| W13A | Hualapai Mount | 29.41 | 320 | P | P | P | 21 | 22 | 37.0 | +0.2 |
| FDL | Fort de France | 29.42 | 84 | eP | P | P | 21 | 22 | 37.5 | +0.6 |
| FDL | Fort de France | 29.42 | 84 | PcP | PcP | PcP | 21 | 25 | 40.0 | -0.7 |
| FDL | Fort de France | 29.42 | 84 | IAMS_20 | IAMS_20 | | 21 | 34 | 12.8 | |
| MVL | Millersville | 29.43 | 24 | P | P | P | 21 | 22 | 36.7 | 0.0 |
| MVL | Millersville | 29.43 | 24 | IAMS_20 | IAMS_20 | | 21 | 35 | 19.8 | |
| PAGS | Pennsylvania G | 29.48 | 23 | IAMS_20 | IAMS_20 | | 21 | 34 | 45.6 | |
| BC3 | Big Chuckawall | 29.52 | 317 | P | P | P | 21 | 22 | 39.7 | +2.0 |
| N56A | West Decatur | 29.52 | 21 | P | P | P | 21 | 22 | 37.0 | -0.6 |
| K31A | O'Neill | 29.56 | 349 | Iamb | Iamb | | 21 | 22 | 38.0 | +0.2 |
| K31A | O'Neill | 29.56 | 349 | Iamb | Iamb | | 21 | 22 | 46.8 | |
| P60A | Greenview | 29.56 | 25 | P | P | P | 21 | 22 | 38.9 | +1.0 |
| P60A | Greenview | 29.56 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 14.7 | |
| P60A | Greenview | 29.56 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 14.7 | |
| CBX | Cerro Bola | 29.59 | 313 | P | P | P | 21 | 22 | 36.3 | -0.1 |
| ALLY | Aleghen Colle | 29.60 | 17 | Iamb | Iamb | | 21 | 22 | 41.3 | |
| M54A | Oil Creek Stat | 29.61 | 18 | P | P | P | 21 | 22 | 38.3 | 0.0 |
| M54A | Oil Creek Stat | 29.61 | 18 | P | P | P | 21 | 22 | 37.6 | -0.7 |
| M54A | Oil Creek Stat | 29.61 | 18 | IAMS_20 | IAMS_20 | | 21 | 35 | 10.9 | |
| IRM | Iron Mountain | 29.62 | 318 | P | P | P | 21 | 22 | 41.1 | +2.6 |
| SLB1 | Saint Lucia, B3 | 29.62 | 86 | P | P | P | 21 | 22 | 34.5 | -4.1 |
| N57A | Milroy | 29.64 | 22 | P | P | P | 21 | 22 | 38.1 | -0.5 |
| NEE2 | Needles Airpor | 29.66 | 319 | P | P | P | 21 | 22 | 41.7 | +2.9 |
| MCLT | Moule a Chique | 29.67 | 86 | eP | P | P | 21 | 22 | 40.7 | +1.6 |
| MCLT | Moule a Chique | 29.67 | 86 | IAMS_20 | IAMS_20 | | 21 | 33 | 54.7 | |
| WUPA | West Chester U | 29.68 | 25 | P | P | P | 21 | 22 | 38.7 | -0.2 |
| WUPA | West Chester U | 29.68 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 07.7 | |
| ILAM | ilet Lapin Mar | 29.68 | 84 | eP | P | P | 21 | 22 | 34.5 | -4.7 |
| MPOM | Morne Pois Mar | 29.71 | 85 | eP | P | P | 21 | 22 | 32.7 | -6.7 |
| MONP2 | Monument Peak | 29.74 | 314 | P | P | P | 21 | 22 | 42.1 | +2.4 |
| PSUB | Penn St. - Bra | 29.74 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 09.3 | |
| L53A | Girard | 29.85 | 17 | P | P | P | 21 | 22 | 41.8 | +1.4 |
| M55A | Ridgway | 29.86 | 19 | P | P | P | 21 | 22 | 40.5 | -0.1 |
| M55A | Ridgway | 29.86 | 19 | IAMS_20 | IAMS_20 | | 21 | 35 | 05.4 | |
| N23A | Red Feather L | 29.95 | 338 | P | P | P | 21 | 22 | 43.4 | +1.7 |
| N23A | Red Feather L | 29.95 | 338 | P | P | P | 21 | 22 | 41.0 | -0.6 |
| TJX | Tijuana | 29.97 | 313 | IAMS_20 | IAMS_20 | | 21 | 35 | 49.4 | |
| N58A | Sunbury | 30.02 | 23 | P | P | P | 21 | 22 | 42.5 | +0.6 |
| N58A | Sunbury | 30.02 | 23 | P | P | P | 21 | 22 | 41.8 | -0.1 |
| N58A | Sunbury | 30.02 | 23 | IAMS_20 | IAMS_20 | | 21 | 35 | 21.6 | |
| J47A | Summer | 30.05 | 10 | Iamb | Iamb | | 21 | 22 | 45.2 | |
| M56A | Emporium | 30.06 | 20 | P | P | P | 21 | 22 | 41.7 | -0.6 |
| M56A | Emporium | 30.06 | 20 | P | P | P | 21 | 22 | 41.7 | -0.6 |
| M56A | Emporium | 30.06 | 20 | Iamb | Iamb | | 21 | 22 | 45.6 | |
| M56A | Emporium | 30.06 | 20 | IAMS_20 | IAMS_20 | | 21 | 35 | 19.9 | |
| ERPA | Erie | 30.07 | 17 | P | P | P | 21 | 22 | 43.3 | +0.9 |
| ERPA | Erie | 30.07 | 17 | P | P | P | 21 | 22 | 42.1 | -0.3 |
| ERPA | Erie | 30.07 | 17 | IAMS_20 | IAMS_20 | | 21 | 35 | 26.2 | |
| BELC | Belle Mtn. Jos | 30.09 | 317 | P | P | P | 21 | 22 | 45.0 | +2.2 |
| KNB | Kanab | 30.09 | 324 | P | P | P | 21 | 22 | 43.0 | +0.2 |
| KNB | Kanab | 30.09 | 324 | pmax | pmax | | | | | |
| KNCB | Kanab | 30.09 | 324 | P | P | P | 21 | 22 | 43.0 | +0.2 |
| PKCU | Pink Cliffs | 30.11 | 326 | P | P | P | 21 | 22 | 43.2 | +0.1 |
| TPFO | Pinon Flats | 30.16 | 315 | P | P | P | 21 | 22 | 44.7 | +1.2 |
| PFO | Pinon Flats O | 30.17 | 315 | P | P | P | 21 | 22 | 46.0 | +2.5 |
| PFO | Pinon Flats O | 30.17 | 315 | LR | LR | LR | 21 | 25 | 47.5 | -0.0 |
| PFO | Pinon Flats O | 30.17 | 315 | P | P | P | 21 | 22 | 45.9 | +2.4 |
| PFO | Pinon Flats O | 30.17 | 315 | iP | iP | iP | 21 | 22 | 42.7 | -0.8 |
| PFO | Pinon Flats O | 30.17 | 315 | pmax | pmax | | | | | |
| PFO | Pinon Flats O | 30.17 | 315 | P | P | P | 21 | 22 | 43.9 | +0.3 |
| 109C | Camp Elliot, M | 30.21 | 314 | P | P | P | 21 | 22 | 46.9 | +3.1 |
| 102A | White River Ci | 30.22 | 334 | P | P | P | 21 | 22 | 45.1 | +1.2 |
| O20A | White River Ci | 30.22 | 334 | P | P | P | 21 | 22 | 43.8 | -0.1 |
| O20A | White River Ci | 30.22 | 334 | Iamb | Iamb | | 21 | 22 | 51.4 | |
| I42A | Draeger Farm, | 30.23 | 4 | P | P | P | 21 | 22 | 42.3 | -1.4 |

| | | | | | | | | | | |
|------|------------------|-------|-----|---------|---------|---|----|----|------|------|
| I42A | comp=Z,41nm,0.7s | 30.30 | 91 | eP | P | P | 21 | 22 | 46.1 | |
| TOSP | Speyside | 30.30 | 91 | eP | P | P | 21 | 22 | 51.0 | +6.4 |
| M57A | Sunshine Farm, | 30.30 | 22 | P | P | P | 21 | 22 | 44.3 | -0.1 |
| M57A | Sunshine Farm, | 30.30 | 22 | P | P | P | 21 | 22 | 43.7 | -0.7 |
| M57A | Sunshine Farm, | 30.30 | 22 | Iamb | Iamb | | 21 | 22 | 47.4 | |
| M57A | Sunshine Farm, | 30.30 | 22 | IAMS_20 | IAMS_20 | | 21 | 35 | 15.1 | |
| ECSD | EROS Data Cent | 30.31 | 353 | P | P | P | 21 | 22 | 46.4 | +1.9 |
| ECSD | EROS Data Cent | 30.31 | 353 | P | P | P | 21 | 22 | 43.5 | -1.0 |
| ECSD | EROS Data Cent | 30.31 | 353 | Iamb | Iamb | | 21 | 22 | 48.9 | |
| ECSD | EROS Data Cent | 30.31 | 353 | IAMS_20 | IAMS_20 | | 21 | 35 | 15.1 | |
| LCMT | Little Creek M | 30.32 | 324 | P | P | P | 21 | 22 | 45.1 | +0.2 |
| LUPA | Lehigh Univer | 30.34 | 25 | P | P | P | 21 | 22 | 44.2 | -0.5 |
| LUPA | Lehigh Univer | 30.34 | 25 | Iamb | Iamb | | 21 | 22 | 47.8 | |
| LUPA | Lehigh Univer | 30.34 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 38.1 | |
| LUPA | Lehigh Univer | 30.34 | 25 | IAMS_20 | IAMS_20 | | 21 | 35 | 38.1 | |
| GMRC | Granite Mounta | 30.34 | 318 | P | P | P | 21 | 22 | 47.5 | +2.5 |
| SRU | Santa Rafael Sve | 30.44 | 330 | P | P | P | 21 | 22 | 46.0 | +0.1 |
| SRU | Santa Rafael Sve | 30.44 | 330 | pmax | pmax | | | | | |
| SRU | Santa Rafael Sve | 30.44 | 330 | P | P | P | 21 | 22 | 46.0 | +0.1 |
| N59A | State Game Lan | 30.45 | 24 | P | P | P | 21 | 22 | 45.7 | 0.0 |
| N59A | State Game Lan | 30.45 | 24 | IAMS_20 | IAMS_20 | | 21 | 35 | 25.0 | |
| N59A | State Game Lan | 30.45 | 24 | P | P | P | 21 | 22 | 45.2 | -0.5 |
| M58A | Price's Panora | 30.57 | 23 | P | P | P | 21 | 22 | 47.7 | +0.9 |
| Q16A | Castle Valley | 30.61 | 329 | P | P | P | 21 | 22 | 47.5 | +0.1 |
| I45A | Fountain | 30.62 | 7 | IAMS_20 | IAMS_20 | | 21 | 37 | 09.8 | |
| SZCU | Shurtz Canyon | 30.65 | 325 | P | P | P | 21 | 22 | 48.0 | +0.2 |
| MURC | Murphy Ranch | 30.67 | 315 | P | P | P | 21 | 22 | 51.0 | +3.2 |
| N60A | Cedar Hill Far | 30.68 | 25 | P | P | P | 21 | 22 | 47.4 | -0.4 |
| BRNJ | Basking Ridge | 30.74 | 26 | P | P | P | 21 | 22 | 48.2 | 0.0 |
| BRNJ | Basking Ridge | 30.74 | 26 | Iamb | Iamb | | 21 | 22 | 50.9 | |
| WVNY | West Valley, N | 30.76 | 19 | P | P | P | 21 | 22 | 47.8 | -0.7 |
| WVNY | West Valley, N | 30.76 | 19 | Iamb | Iamb | | 21 | 22 | 51.8 | |
| BBSR | BB Station | 30.77 | 48 | P | P | P | 21 | 22 | 48.5 | -0.1 |
| BBSR | BB Station | 30.77 | 48 | Iamb | Iamb | | 21 | 22 | 51.3 | |
| HEC | Hector Ludlow | 30.80 | 318 | P | P | P | 21 | 22 | 51.6 | +2.5 |
| MSU | Marysval | 30.82 | 327 | P | P | P | 21 | 22 | 49.5 | +0.2 |
| MSU | Marysval | 30.82 | 327 | P | P | P | 21 | 22 | 49.5 | +0.2 |
| P17A | Butcher Ranch, | 30.82 | 330 | P | P | P | 21 | 22 | 49.4 | +0.1 |
| MVU | Marysval | 30.83 | 327 | P | P | P | 21 | 22 | 49.7 | +0.2 |
| L56A | Greenwood | 30.86 | 20 | P | P | P | 21 | 22 | 48.0 | -1.4 |
| L56A | Greenwood | 30.86 | 20 | Iamb | Iamb | | 21 | 22 | 53.0 | |
| N61A | South Mountain | 30.91 | 26 | P | P | P | 21 | 22 | 50.3 | +0.6 |
| TMUT | Trail Mountain | 30.92 | 329 | P | P | P | 21 | 22 | 50.2 | 0.0 |
| L57A | Andrews Acres | 30.98 | 21 | P | P | P | 21 | 22 | 50.5 | 0.0 |
| KSPA | Keystone Colle | 3 | | | | | | | | |

7d 21h

| | | | | | | |
|-------|--------------------------------------------|---------|---------|-----------------|-----------------|-----------------|
| PDAR | comp=Z,5.2nm,0.6s,baz=148,slow=5.3,SNR=5.4 | PcP | PcP | 21 25 52.5 +0.5 | | |
| PDAR | comp=Z,5.4nm,0.8s,baz=141,slow=5.8,SNR=9.8 | ScP | ScP | 21 29 37.9 +3.1 | | |
| PDAR | comp=Z,1.1nm,0.7s,baz=134,slow=3.9,SNR=7.8 | PkKIP | PkKIP | 21 33 19.9 +1.5 | | |
| PDAR | comp=Z,8.0um,20.0s,baz=154,slow=4.1 | LR | LR | 21 38 44.7 | | |
| L63A | North Scituate | 32.99 | 28 | P | 21 23 09.5 +1.4 | |
| L61B | Northampton | 33.00 | 26 | P | 21 23 07.8 -0.3 | |
| QUAZ2 | Belchertown | 33.00 | 27 | P | 21 23 07.8 -0.3 | |
| QUAZ2 | comp=Z,66nm,0.7s | IAMS_20 | IAMS_20 | 21 23 15.4 | | |
| QUAZ2 | comp=Z,12um,19.0s | IAMS_20 | IAMS_20 | 21 37 08.6 | | |
| BGU | Big Grassy Mtn | 33.06 | 329 | P | 21 23 08.8 -0.1 | |
| SPLIT | South Promonto | 33.07 | 330 | P | 21 23 08.8 -0.1 | |
| I57A | Carthage | 33.10 | 21 | P | 21 23 08.6 -0.4 | |
| J59A | Piesco | 33.11 | 23 | P | 21 23 08.1 -1.1 | |
| J59A | comp=Z,211 | IAMS_20 | IAMS_20 | 21 23 16.9 | | |
| J59A | comp=Z,48nm,0.9s | IAMS_20 | IAMS_20 | 21 36 57.6 | | |
| I58A | comp=Z,13um,20.0s | IAMS_20 | IAMS_20 | 21 37 08.3 -1.0 | | |
| E46A | Sault Ste Mari | 33.18 | 9 | IAMB | IAMB | 21 23 12.5 |
| PKM | Mpcheron Peak | 33.19 | 315 | P | 21 23 12.8 +2.7 | |
| M65A | Busby, Falmout | 33.20 | 29 | IAMS_20 | IAMS_20 | 21 37 55.0 |
| VES | Vestal, Richgr | 33.22 | 317 | P | 21 23 13.2 +3.1 | |
| J60A | Lant Hill Farm | 33.35 | 24 | P | 21 23 10.3 -0.8 | |
| K62A | Royalston | 33.36 | 26 | IAMS_20 | IAMS_20 | 21 37 38.2 |
| ACCN | Adirondack Com | 33.37 | 24 | P | 21 23 10.9 -0.4 | |
| ACCN | comp=Z,18um,19.0s | IAMS_20 | IAMS_20 | 21 37 23.3 | | |
| TIN | Tinamah, Big | 33.37 | 319 | P | 21 23 14.6 +3.0 | |
| TPH | Tonopah | 33.38 | 321 | P | 21 23 11.6 -0.2 | |
| TPH | comp=Z,250nm,1.0s | P | P | 21 23 11.6 -0.2 | | |
| D41A | Chassel | 33.41 | 4 | IAMB | IAMB | 21 23 10.7 -0.9 |
| D41A | comp=Z,48nm,1.0s | IAMB | IAMB | 21 23 16.7 | | |
| L64A | Middleborough | 33.41 | 29 | P | 21 23 13.7 +2.0 | |
| HRV | Adam Dzewonsk | 33.53 | 27 | P | 21 23 13.3 +0.5 | |
| HRV | Adam Dzewonsk | 33.53 | 27 | P | 21 23 12.4 -0.4 | |
| HRV | comp=Z,65nm,0.9s | MLR | MLR | | | |
| HRV | comp=Z,20um,20.0s | MLR | MLR | | | |
| HRV | Adam Dzewonsk | 33.53 | 27 | P | 21 23 12.4 -0.4 | |
| HRV | comp=Z,65nm,0.8s | IAMB | IAMB | 21 23 17.4 | | |
| HRV | Adam Dzewonsk | 33.53 | 27 | IAMS_20 | IAMS_20 | 21 37 35.6 |
| SMMC | Simmler | 33.54 | 315 | P | 21 23 16.1 +3.0 | |
| BCX | baz=123,SNR=22 | 33.57 | 28 | IAMB | IAMB | 21 23 18.3 |
| HVU | Hansel Valley | 33.59 | 331 | P | 21 23 13.2 -0.3 | |
| HVU | comp=Z,73nm,0.8s | P | P | 21 23 13.2 -0.3 | | |
| HVU | PLVO | 33.61 | 19 | IAMB | IAMB | 21 23 15.9 |
| G54A | Lake Saint Pet | 33.63 | 17 | P | 21 23 11.8 -1.8 | |
| I59A | Oldsteadville | 33.63 | 23 | P | 21 23 13.2 -0.5 | |
| NCB | Newcomb | 33.65 | 23 | IAMB | IAMB | 21 23 17.6 |
| H57A | comp=Z,48nm,0.8s | 33.65 | 21 | P | 21 23 12.3 -1.5 | |
| K63A | Dunstable | 33.69 | 27 | P | 21 23 15.1 +1.0 | |
| E28A | Huff | 33.73 | 349 | P | 21 23 14.4 -0.1 | |
| E28A | comp=Z,72nm,0.8s | IAMB | IAMB | 21 23 18.0 | | |
| J61A | Chester | 33.78 | 25 | P | 21 23 15.7 +0.7 | |
| I60A | Shoreham | 33.90 | 24 | P | 21 23 14.7 -1.3 | |
| PAGB | Antelope Grade | 33.94 | 315 | P | 21 23 16.5 -0.0 | |
| PAGB | comp=Z,75nm,1.0s | IAMB | IAMB | 21 23 29.2 | | |
| REDW | Red Top Meadow | 33.98 | 334 | P | 21 23 16.6 -0.4 | |
| J62A | Henniker | 34.00 | 26 | P | 21 23 15.1 -1.8 | |
| H58A | Gabriels | 34.05 | 22 | P | 21 23 15.5 -1.8 | |
| ELK | Elko | 34.06 | 327 | P | 21 23 19.0 +1.2 | |
| ELK | comp=Z,60nm,0.7s,baz=146,slow=7.4,SNR=50 | PcP | PcP | 21 25 57.8 +2.7 | | |
| ELK | comp=Z,9.7nm,0.9s,baz=169,slow=2.1,SNR=4.1 | ScP | ScP | 21 29 42.4 +3.7 | | |
| ELK | comp=Z,7.8nm,1.0s,baz=177,slow=3.3,SNR=7.1 | LR | LR | 21 38 55.4 | | |
| ELK | comp=Z,17um,20.5s,baz=151,slow=39 | P | P | 21 23 17.6 -0.1 | | |
| ELK | Elko | 34.06 | 327 | P | 21 23 17.6 -0.1 | |
| ELK | comp=Z,70nm,0.8s | P | P | 21 23 25.0 | | |
| ELK | comp=Z,16um,20.0s | MLR | MLR | | | |
| ELK | Elko | 34.06 | 327 | P | 21 23 17.6 -0.1 | |
| ELK | comp=Z,70nm,0.8s | IAMS_20 | IAMS_20 | 21 38 44.4 | | |
| LONY | Lake Ozonia | 34.07 | 22 | P | 21 23 15.5 -2.0 | |
| LONY | Lake Ozonia | 34.07 | 22 | IAMB | IAMB | 21 23 21.0 |
| LONY | comp=Z,101nm,1.1s | IAMS_20 | IAMS_20 | 21 37 30.0 | | |
| LOHW | Long Hollow | 34.08 | 335 | P | 21 23 17.6 -0.3 | |
| LOHW | comp=Z,75nm,0.7s | IAMB | IAMB | 21 23 24.8 | | |
| MLAC | Mammoth, Mammoth | 34.10 | 319 | P | 21 23 21.4 +3.3 | |
| TPAW | Teton Pass | 34.13 | 334 | P | 21 23 17.8 -0.5 | |
| TPAW | comp=Z,71nm,0.8s | IAMB | IAMB | 21 23 29.4 | | |
| ALGO | Algonquin Park | 34.15 | 17 | P | 21 23 16.7 -1.4 | |
| NV11 | Mina Array Sit | 34.17 | 321 | P | 21 23 18.6 0.0 | |
| NV11 | Hanover | 34.19 | 25 | IAMS_20 | IAMS_20 | 21 38 14.1 |
| OMMB | Old Mammoth Mi | 34.20 | 319 | P | 21 23 18.7 -0.3 | |
| OMMB | comp=Z,49nm,1.0s | IAMB | IAMB | 21 23 28.8 | | |
| OMMB | comp=Z,13um,20.0s | IAMS_20 | IAMS_20 | 21 38 09.1 | | |
| EYMN | Ely | 34.20 | 360 | P | 21 23 15.8 -2.8 | |
| ETMB | Extrema | 34.24 | 132 | eP | 21 23 18.7 -0.5 | |
| ETMB | comp=Z,11um,20.0s | ScP | ScP | 21 28 48.9 +4.0 | | |
| MDPB | Devils Postpil | 34.26 | 319 | P | 21 23 19.4 -0.1 | |
| MDPB | comp=Z,72nm,0.9s | IAMB | IAMB | 21 23 28.2 | | |
| MDPB | comp=Z,72nm,0.9s | IAMS_20 | IAMS_20 | 21 38 10.8 | | |
| NVAR | Mina Array Bea | 34.26 | 321 | P | 21 23 21.6 +2.1 | |
| NVAR | comp=Z,32nm,0.7s,baz=135,slow=7.9,SNR=9.6 | PcP | PcP | 21 25 57.6 +1.9 | | |
| NVAR | comp=Z,16nm,0.7s,baz=126,slow=2.6,SNR=7.7 | ScP | ScP | 21 29 43.4 +4.0 | | |
| NVAR | comp=Z,1.9nm,0.7s,baz=153,slow=4.6,SNR=6.9 | LR | LR | 21 39 05.3 | | |
| LHV | Little Huntoon | 34.28 | 321 | P | 21 23 19.4 +0.1 | |
| G57A | Newingt | 34.35 | 21 | P | 21 23 18.7 -1.2 | |
| J63A | Strafford | 34.36 | 27 | P | 21 23 19.8 -0.1 | |
| H59A | Cadyville | 34.42 | 23 | P | 21 23 19.2 -1.3 | |

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| | | | | | | |
|------|--------------------|---------|---------|-----------------|-----------------|------------|
| FLWY | baz=212 | 34.51 | 335 | P | 21 23 21.3 -0.2 | |
| FLWY | Flagg Ranch | P | IAMB | IAMB | 21 23 29.9 | |
| VT1 | comp=Z,41nm,0.8s | 34.52 | 24 | IAMB | IAMB | 21 23 27.6 |
| RYN | Ryan | 34.52 | 321 | P | 21 23 21.6 0.0 | |
| RYN | comp=Z,45nm,0.8s | IAMB | IAMB | 21 23 29.9 | | |
| KVN | Kaiserville | 34.53 | 322 | P | 21 23 21.6 -0.2 | |
| KVN | comp=Z,68nm,0.7s | P | P | 21 23 21.6 -0.2 | | |
| KVN | comp=Z,28um,18.0s | MLR | MLR | | | |
| KVN | Kaiserville | 34.53 | 322 | P | 21 23 21.6 -0.2 | |
| KVN | comp=Z,68nm,0.7s | IAMB | IAMB | 21 23 30.8 | | |
| PMPB | Monarch Peak | 34.58 | 316 | P | 21 23 22.1 +0.1 | |
| PMPB | comp=Z,102nm,1.0s | IAMB | IAMB | 21 23 29.7 | | |
| PMPB | comp=Z,102nm,1.0s | IAMS_20 | IAMS_20 | 21 38 48.3 | | |
| FRNY | Flat Rock | 34.62 | 23 | IAMB | IAMB | 21 23 26.1 |
| FRNY | comp=Z,10um,18.0s | IAMS_20 | IAMS_20 | 21 37 44.6 | | |
| FRNY | comp=Z,45nm,0.9s | IAMS_20 | IAMS_20 | 21 37 44.6 | | |
| B35A | Bob, Littlelor | 34.67 | 357 | IAMB | IAMB | 21 23 26.9 |
| H17A | Grant Village | 34.72 | 336 | P | 21 23 24.8 +1.5 | |
| H17A | comp=Z,45nm,0.8s | P | P | 21 23 23.1 -0.3 | | |
| H17A | Grant Village | 34.72 | 336 | P | 21 23 23.1 -0.3 | |
| H17A | comp=Z,15um,21.0s | IAMS_20 | IAMS_20 | 21 40 03.9 | | |
| G58A | Ornstown | 34.72 | 22 | P | 21 23 22.0 -1.0 | |
| I62A | Tamworth | 34.73 | 26 | P | 21 23 20.0 -3.1 | |
| I62A | comp=Z,216 | IAMB | IAMB | 21 23 27.5 | | |
| H60A | Morristown | 34.73 | 24 | P | 21 23 22.2 -1.0 | |
| AGMM | Agassiz Nation | 34.74 | 355 | P | 21 23 23.2 0.0 | |
| AGMM | comp=Z,172,SNR=13 | P | P | 21 23 24.0 +0.8 | | |
| MDND | Maddock | 34.77 | 350 | P | 21 23 24.3 +0.8 | |
| LBNH | Lisbon | 34.78 | 25 | P | 21 23 26.0 +2.4 | |
| LBNH | comp=Z,166,SNR=18 | P | P | 21 23 26.0 +2.4 | | |
| LBNH | Lisbon | 34.78 | 25 | IAMS_20 | IAMS_20 | 21 38 32.7 |
| LBNH | comp=Z,119um,19.0s | IAMS_20 | IAMS_20 | 21 39 45.8 | | |
| LKWY | Lake | 34.79 | 336 | IAMS_20 | IAMS_20 | 21 39 45.8 |
| MACA | Manacapurum | 34.82 | 116 | eP | 21 23 24.1 -0.2 | |
| RLMT | Red Lodge | 34.83 | 338 | P | 21 23 24.4 +0.1 | |
| RLMT | comp=Z,149,SNR=36 | P | P | 21 23 24.0 -0.2 | | |
| RLMT | Red Lodge | 34.83 | 338 | P | 21 23 24.0 -0.2 | |
| YMP | Mirror Lake Pl | 34.84 | 336 | P | 21 23 24.2 -0.3 | |
| G59A | Clarenceville | 34.98 | 23 | P | 21 23 24.2 -1.1 | |
| YNE | Yellowstone No | 35.01 | 337 | P | 21 23 25.5 -0.4 | |
| WAKR | Walker | 35.01 | 320 | P | 21 23 25.7 -0.2 | |
| WAKR | comp=Z,80nm,1.1s | IAMB | IAMB | 21 23 33.6 | | |
| H61A | Lyndonville | 35.02 | 25 | P | 21 23 26.6 +0.9 | |
| F57A | Harrington | 35.07 | 21 | P | 21 23 25.3 -0.7 | |
| YMR | Madison River | 35.10 | 336 | P | 21 23 26.4 -0.3 | |
| YH | Yellow Hill | 35.15 | 336 | P | 21 23 26.9 0.3 | |
| E55A | Montcerf-Lyto | 35.19 | 19 | P | 21 23 26.1 -1.0 | |
| I63A | Otisfield | 35.19 | 27 | P | 21 23 24.9 -2.2 | |
| I63A | comp=Z,217 | P | P | 21 23 26.9 -0.3 | | |
| I63A | Otisfield | 35.19 | 27 | P | 21 23 32.4 | |
| I63A | comp=Z,64nm,0.9s | IAMS_20 | IAMS_20 | 21 38 26.6 | | |
| YHB | Horse Butte | 35.26 | 335 | P | 21 23 27.8 -0.2 | |
| SAO | San Andreas Ge | 35.32 | 316 | IAMS_20 | IAMS_20 | 21 39 20.8 |
| G60A | Masonville | 35.33 | 24 | P | 21 23 26.9 -1.4 | |
| CMB | Columbia Cole | 35.33 | 319 | P | 21 23 28.6 +0.1 | |
| CMB | comp=Z,27nm,0.9s | P | P | 21 23 28.6 +0.1 | | |
| CMB | comp=Z,11um,21.0s | MLR | MLR | | | |
| CMB | Columbia Cole | 35.33 | 319 | P | 21 23 28.6 +0.1 | |
| H62A | Milan | 35.37 | 25 | IAMS_20 | IAMS_20 | 21 38 58.7 |
| QLMT | Earthquake Lak | 35.42 | 335 | P | 21 23 28.9 -0.5 | |
| TRQ | Mont Tremblant | 35.45 | 320 | P | 21 23 28.9 -0.7 | |
| I64A | Boothbay | 35.51 | 28 | P | 21 23 28.8 -1.0 | |
| MOQ | Mont Orford | 35.53 | 24 | P | 21 23 29.7 -0.4 | |
| E56A | St. Veronique | 35.60 | 20 | P | 21 23 29.1 -1.4 | |
| VCNR | Virginia City | 35.63 | 321 | IAMS_20 | IAMS_20 | 21 40 29.1 |
| PAHR | Pah Rah Range | 35.72 | 322 | IAMB | IAMB | 21 23 40.9 |
| PAHR | comp=Z,55nm,0.8s | IAMS_20 | IAMS_20 | 21 39 47.6 | | |
| HLID | Hailey | 35.73 | 331 | P | 21 23 33.0 +1.0 | |
| HLID | comp=Z,16um,20.0s | P | P | 21 23 33.0 +1.0 | | |
| HLID | Hailey | 35.73 | 331 | P | 21 23 31.8 -0.2 | |
| HLID | comp=Z,140,SNR=130 | IAMS_20 | IAMS_20 | 21 40 22.9 | | |
| E57A | Chemin Saint G | 35.78 | 21 | P | 21 23 30.3 -1.9 | |
| F59A | Saint Guillaume | 35.79 | 23 | P | 21 23 32.7 +0.5 | |
| RUBR | Rubicon Trail | 35.79 | 320 | P | 21 23 32.6 0.0 | |
| G61A | St-Isidore-de- | 35.80 | 24 | P | 21 23 32.1 -0.2 | |
| D55A | Sainte-Anne-du | 35.88 | 19 | P | 21 23 31.6 -1.4 | |
| H63A | New Sharon | 35.92 | 26 | P | 21 23 33.8 +0.5 | |
| SAML | Samuel | 35.96 | 127 | P | 21 23 33.1 -0.9 | |
| SAML | comp=Z,48nm,0.8s | P | P | 21 23 33.1 -0.9 | | |
| SAML | comp=Z,10um,18.0s | IAMB | IAMB | 21 23 37.4 | | |
| SAML | comp= | | | | | |

Table with columns: Station, Name, Time, Frequency, Power, etc. Includes stations like BFO Black Forest, UBBA Unterbreichbach, ASSE Asse, Remlinge, etc.

Table with columns: Station, Name, Time, Frequency, Power, etc. Includes stations like STAL APATITY, ZOU Zouplan, TOC7 Torodi Ar. Sit, etc.

Table with columns: Station, Name, Time, Frequency, Power, etc. Includes stations like SGRT San Giovanni R, RAO Raoul Island, PSZ Piszkesteto, etc.

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| | | | | | | | | |
|------|--------------------------------------------|----------------|--------|-----|---------|---------|------------|------|
| ZALV | comp-Z,642nm,1.1s | Zalesovo Beam | 112.61 | 2 | PKiP | PKiP | 21 35 09.1 | -0.3 |
| ZALV | comp-Z,3.7nm,0.5s,baz=11,slow=4.7,SNR=12 | | | | PP | | 21 35 55.2 | +0.2 |
| TLY | comp-Z,7.1nm,0.9s,baz=341,slow=6.8,SNR=7.3 | Talaya | 113.64 | 50 | PKiP | PKiP | 21 35 15.9 | +4.5 |
| TLY | | | | | eSS | SS | 21 52 05.2 | +1.7 |
| TLY | comp-Z,38nm,1.8s | | | | pmax | pmax | | |
| TLY | comp-Z,3um,21.0s | Changchun | 113.64 | 350 | IAMS_20 | IAMS_20 | 22 28 32.4 | |
| CN2 | | | | | Pdif | Pdif | 21 31 25.7 | +6.7 |
| CN2 | | | | | AMB | AMB | 21 36 13.9 | +1.1 |
| CN2 | comp-Z,300nm,8.0s | | | | LR | LR | | |
| CN2 | comp-Z,2um,18.0s | | | | LR | LR | | |
| CN2 | comp-Z,1um,18.0s | | | | LR | LR | | |
| CN2 | comp-Z,2um,19.0s | | | | LR | LR | | |
| BWZ | comp-Z,2um,20.0s | Wachi | 114.13 | 319 | IAMS_20 | IAMS_20 | 22 18 20.0 | |
| BWZ | comp-Z,2um,20.0s | Bereziki | 115.14 | 11 | ePKP | PKPdf | 21 35 15.6 | +1.3 |
| BRZS | | Bereziki | 115.14 | 11 | ePKiP | PKPdf | 21 35 15.6 | +1.3 |
| KURK | | Kurchatov | 115.34 | 7 | PKiP | PKPdf | 21 35 14.7 | +0.1 |
| SEM | comp-Z,2um,21.7s,baz=8 | Semipalatinsk | 115.82 | 6 | PKiP | LR | 22 26 27.1 | |
| SUR | comp-Z,2um,20.0s | Sutherland | 115.91 | 119 | IAMS_20 | IAMS_20 | 22 21 34.7 | |
| ULN | comp-Z,2um,20.0s | Ulanbatar | 116.58 | 346 | PKiP | PKiP | 21 35 18.1 | +0.7 |
| ULN | comp-Z,2um,20.0s | Ulanbatar | 116.58 | 346 | PKiP | PKiP | 21 35 18.1 | +0.5 |
| ULN | comp-Z,3um,20.0s | Ulanbatar | 116.58 | 346 | IAMS_20 | IAMS_20 | 22 31 02.6 | |
| SYO | comp-Z,2um,20.0s | Syowa Base | 116.66 | 162 | ePKiP | Pdif | 21 31 31.0 | -0.7 |
| SOMM | comp-Z,3.7nm,0.7s,baz=349,slow=0.5,SNR=27 | Songino Array | 116.74 | 347 | PKP | PKPdf | 21 35 17.5 | -0.1 |
| SOMM | comp-Z,2.1nm,1.0s,baz=32,slow=8.7,SNR=4.8 | | | | PP | PP | 21 36 27.1 | +2.4 |
| SOMM | comp-Z,1.9nm,0.7s,baz=221,slow=3.3,SNR=11 | | | | PKPbcb | PKPbcb | 21 45 43.8 | -1.9 |
| DGZ | comp-Z,2um,20.0s | Jazzart, Alta | 116.93 | 1 | PKiP | PKPdf | 21 35 18.0 | 0.0 |
| KSRS | comp-Z,2um,20.0s | Korey Area | 117.12 | 325 | PKiP | PKiP | 21 35 19.5 | +1.1 |
| KSRS | comp-Z,2um,20.0s | | | | PP | PP | 21 36 32.5 | +4.9 |
| KSRS | comp-Z,1.1nm,0.7s,baz=60,slow=8.7,SNR=4.4 | | | | PP | PP | 21 36 32.5 | +4.9 |
| INCN | comp-Z,2um,20.0s | Inchon | 117.80 | 326 | IAMS_20 | IAMS_20 | 22 36 43.3 | |
| ZSN | comp-Z,2um,20.0s | Zaisan | 119.10 | 3 | ePKP | PKiP | 21 35 23.8 | +1.6 |
| ZSN | comp-Z,2um,20.0s | Zaisan | 119.10 | 3 | ePKiP | PKiP | 21 35 23.7 | +1.6 |
| DL2 | comp-Z,2um,20.0s | Dalian | 119.26 | 331 | ePKiP | Pdif | 21 31 46.8 | +2.7 |
| DL2 | comp-Z,2um,20.0s | | | | PP | PP | 21 36 45.9 | +3.6 |
| DL2 | comp-Z,280nm,11.4s | | | | LR | LR | | |
| DL2 | comp-Z,930nm,16.9s | | | | LR | LR | | |
| DL2 | comp-Z,1um,21.0s | | | | LR | LR | | |
| DL2 | comp-Z,2um,19.8s | | | | LR | LR | | |
| MAKZ | comp-Z,4um,22.0s | Makanchi | 119.54 | 5 | PKiP | PKiP | 21 35 22.5 | -0.4 |
| MAKZ | comp-Z,4um,22.0s | | | | MLR | MLR | | |
| MAKZ | comp-Z,4um,22.0s | Makanchi | 119.54 | 5 | PKPdf | PKPdf | 21 35 22.5 | -0.4 |
| MK31 | comp-Z,2um,20.0s | Makanchi Array | 119.58 | 5 | PKiP | PKPdf | 21 35 22.1 | -0.9 |
| MK31 | comp-Z,2um,20.0s | | | | PKPdf | PKPdf | 21 35 22.1 | -0.9 |
| MKAR | comp-Z,2.9nm,0.5s,baz=331,slow=2.0,SNR=23 | Makanchi Array | 119.58 | 5 | PKP | PKPdf | 21 35 21.9 | -1.2 |
| MKAR | comp-Z,2.9nm,0.5s,baz=331,slow=2.0,SNR=23 | | | | PKP | PKP | 21 35 21.9 | -1.2 |
| MKAR | comp-Z,0.5nm,0.8s,baz=158,slow=4.2,SNR=5.5 | | | | PKPbcb | PKPbcb | 21 45 34.0 | -1.4 |
| BOSA | comp-Z,29nm,0.8s,baz=252,slow=2.0,SNR=25 | Boshof | 119.75 | 115 | PKP | PKiP | 21 35 24.5 | +0.6 |
| BOSA | comp-Z,29nm,0.8s,baz=252,slow=2.0,SNR=25 | | | | PKP | PKP | 21 35 24.5 | +0.6 |
| BOSA | comp-Z,29nm,0.8s,baz=252,slow=2.0,SNR=25 | Boshof | 119.75 | 115 | PKiP | PKPdf | 21 35 23.1 | -0.8 |
| BOSA | comp-Z,29nm,0.8s,baz=252,slow=2.0,SNR=25 | | | | PKPdf | PKPdf | 21 35 23.1 | -0.8 |
| ARMA | comp-Z,2um,19.0s | Armale | 119.86 | 243 | IAMS_20 | IAMS_20 | 22 21 44.8 | |
| EIDS | comp-Z,2um,19.0s | Eidsvold | 120.34 | 248 | IAMS_20 | IAMS_20 | 22 22 16.7 | |
| MANU | comp-Z,2um,20.0s | Manus Island | 120.72 | 276 | IAMS_20 | IAMS_20 | 22 17 54.2 | |
| BJI | comp-Z,2um,20.0s | Beijing | 120.72 | 336 | PKP | PKiP | 21 35 27.5 | +2.1 |
| BJI | comp-Z,2um,20.0s | | | | PP | PP | 21 36 55.8 | +3.6 |
| BJI | comp-Z,2um,20.0s | | | | LR | LR | | |
| BJI | comp-Z,730nm,23.5s | | | | LR | LR | | |
| BJT | comp-Z,2um,23.3s | Baijiatou | 120.75 | 336 | IAMS_20 | IAMS_20 | 22 33 42.7 | |
| TDK | comp-Z,2um,22.0s | Taldyqorghan | 120.92 | 8 | ePKP | PKiP | 21 35 26.4 | +0.7 |
| TDK | comp-Z,2um,22.0s | | | | PKP | PKP | 21 35 26.4 | +0.7 |
| TDK | comp-Z,2um,22.0s | Taldyqorghan | 120.92 | 8 | ePKiP | PKiP | 21 35 26.4 | +0.7 |
| TDK | comp-Z,2um,22.0s | | | | PKP | PKP | 21 35 26.9 | +0.2 |
| TDK | comp-Z,16nm,0.8s,baz=274,slow=2.4,SNR=20 | Alibeck | 121.31 | 28 | PKP | PKPdf | 21 35 25.4 | -1.2 |
| GEYT | comp-Z,2um,20.0s | Alibeck | 121.31 | 28 | PKP | PKPdf | 21 35 25.4 | -1.2 |
| MBAR | comp-Z,2um,21.0s | Mbarara | 121.38 | 82 | PKiP | PKiP | 21 35 26.1 | -1.4 |
| MBAR | comp-Z,2um,21.0s | | | | MLR | MLR | | |
| MBAR | comp-Z,2um,21.0s | Mbarara | 121.38 | 82 | PKPdf | PKPdf | 21 35 26.1 | -1.4 |
| MBAR | comp-Z,2um,21.0s | | | | IAMS_20 | IAMS_20 | 22 25 46.8 | |
| DZA | comp-Z,4.8nm,1.0s,baz=14 | Taraz | 121.58 | 15 | ePKP | PKiP | 21 35 27.3 | +0.1 |
| DZA | comp-Z,4.8nm,1.0s,baz=14 | | | | pmax | pmax | 21 35 27.2 | +0.1 |
| DZA | comp-Z,5.0nm,1.0s | | | | pmax | pmax | | |
| KUU | comp-Z,9.1nm,0.8s,baz=10 | Kuryt | 121.67 | 10 | ePKP | PKiP | 21 35 28.8 | +1.6 |
| KUU | comp-Z,9.1nm,0.8s,baz=10 | | | | pmax | pmax | 21 35 28.8 | +1.6 |
| KUU | comp-Z,9.0nm,0.8s | | | | pmax | pmax | | |
| LSZ | comp-Z,2um,18.0s | Lusaka | 121.72 | 100 | IAMS_20 | IAMS_20 | 22 31 17.4 | |
| HHC | comp-Z,2um,18.0s | Hu-ho-hao-te | 121.73 | 340 | ePKP | PKiP | 21 35 27.9 | +0.3 |
| HHC | comp-Z,2um,18.0s | | | | PP | PP | 21 37 05.2 | +6.1 |
| HHC | comp-Z,2um,18.0s | | | | SKS | SKS | 21 53 36.4 | +2.8 |
| HHC | comp-Z,370nm,5.6s | | | | SS | SS | 21 53 36.4 | +2.8 |
| HHC | comp-Z,2um,20.0s | | | | LR | LR | | |
| HHC | comp-Z,2um,20.0s | | | | LR | LR | | |
| HHC | comp-Z,2um,20.0s | | | | LR | LR | | |
| CHKK | comp-Z,2um,20.2s | Chushkaly | 121.82 | 10 | ePKP | PKiP | 21 35 28.5 | +1.0 |
| CHKK | comp-Z,2um,20.2s | | | | baz=9.6 | | | |
| CHKK | comp-Z,2um,20.2s | Chushkaly | 121.82 | 10 | ePKiP | PKiP | 21 35 28.5 | +1.0 |
| CHKK | comp-Z,2um,20.2s | | | | PKiP | PKiP | 21 35 29.1 | +1.2 |
| IUG | comp-Z,1nm,0.8s,baz=16 | luzhny | 121.94 | 16 | ePKiP | PKiP | 21 35 29.1 | +1.2 |
| IUG | comp-Z,1nm,0.8s,baz=16 | | | | pmax | pmax | 21 35 29.1 | +1.2 |
| AAA | comp-Z,5.0nm,0.8s | Alma-Ata | 122.44 | 10 | ePKP | PKiP | 21 35 30.4 | +1.6 |
| AAA | comp-Z,5.0nm,0.8s | | | | baz=9.9 | | 22 27 39.8 | |
| AAA | comp-Z,1um,19.5s,baz=9.9 | Alma-Ata | 122.44 | 10 | ePKiP | PKiP | 21 35 30.4 | +1.6 |
| AAA | comp-Z,1um,19.5s,baz=9.9 | | | | MLR | MLR | | |
| KPKS | comp-Z,1um,19.0s | Kokpek | 122.46 | 8 | ePKP | PKiP | 21 35 29.9 | +0.9 |
| KPKS | comp-Z,1um,19.0s | | | | PKiP | PKiP | 21 35 29.9 | +0.9 |
| PKMS | comp-Z,3um,20.0s | Port Moresby | 122.50 | 267 | IAMS_20 | IAMS_20 | 22 19 40.4 | |
| MDOK | comp-Z,3um,20.0s | Medeo | 122.51 | 10 | ePKP | PKiP | 21 35 30.2 | +1.1 |
| MDOK | comp-Z,3um,20.0s | | | | baz=9.8 | | | |
| MDOK | comp-Z,1um,22.9s,baz=9.8 | | | | LR | LR | 22 27 36.3 | |
| MDOK | comp-Z,1um,22.9s,baz=9.8 | Medeo | 122.51 | 10 | ePKiP | PKiP | 21 35 30.1 | +1.0 |
| MDOK | comp-Z,1um,22.9s,baz=9.8 | | | | MLR | MLR | | |
| AAK | comp-Z,1um,23.0s | Ala-Archa | 122.54 | 12 | PKiP | PKiP | 21 35 29.7 | +0.5 |
| TNSN | comp-Z,1um,23.0s | Tian-Shan | 122.61 | 10 | ePKP | PKiP | 21 35 30.8 | +1.1 |
| TNSN | comp-Z,1um,23.0s | | | | baz=9.9 | | | |
| WNQ | comp-Z,1um,23.0s | Tian-Shan | 122.61 | 10 | ePKiP | PKiP | 21 35 30.7 | +1.1 |
| WNQ | comp-Z,1um,23.0s | | | | PKiP | PKiP | 21 35 29.6 | 0.0 |
| WNQ | comp-Z,1um,23.0s | Urumqi | 122.81 | 1 | ePKP | PKiP | 21 37 09.1 | +3.0 |
| WNQ | comp-Z,1um,23.0s | | | | PP | PP | 21 37 09.1 | +3.0 |
| WNQ | comp-Z,1um,23.0s | | | | AMB | AMB | | |
| WMQ | comp-Z,470nm,6.5s | | | | LR | LR | | |

2014 DEC

| | | | | | | | | |
|--------|--------------------------------------------|----------------|--------|-----|---------|------|------------|------|
| WMQ | comp-Z,3um,23.7s | | | | LR | LR | | |
| WMQ | comp-Z,8um,20.3s | | | | LR | LR | | |
| UZB | comp-Z,20nm,1.4s | Uzymbulak | 122.83 | 8 | ePKP | PKiP | 21 35 30.6 | +0.8 |
| UZB | comp-Z,20nm,1.4s | Uzymbulak | 122.83 | 8 | ePKiP | PKiP | 21 35 30.5 | +0.8 |
| UZB | comp-Z,20nm,1.4s | | | | pmax | pmax | | |
| SHLS | comp-Z,20nm,1.4s | Shalkode | 122.88 | 8 | ePKP | PKiP | 21 35 29.9 | +0.1 |
| SHLS | comp-Z,20nm,1.4s | | | | baz=7.4 | | | |
| SHLS | comp-Z,20nm,1.4s | Shalkode | 122.88 | 8 | ePKiP | PKiP | 21 35 29.9 | +0.1 |
| SHLS | comp-Z,20nm,1.4s | | | | PKP | PKP | 21 35 28.8 | -1.0 |
| SHLS | comp-Z,20nm,1.4s | Shalkode | 122.88 | 8 | ePKiP | PKP | 21 35 28.8 | -1.0 |
| MAW | comp-Z,0.0nm,0.8s,baz=223,slow=4.9,SNR=8.9 | Mawson | 123.52 | 169 | PKiP | PKiP | 21 35 30.4 | +0.4 |
| MAW | comp-Z,0.0nm,0.8s,baz=223,slow=4.9,SNR=8.9 | | | | MLR | MLR | 21 35 30.4 | +0.4 |
| MAW | comp-Z,600nm,20.0s | Mawson | 123.52 | 169 | PKiP | PKiP | 21 35 30.4 | +0.4 |
| MAW | comp-Z,600nm,20.0s | | | | MLR | MLR | 21 35 30.4 | +0.4 |
| MAW | comp-Z,600nm,20.0s | Ar Rayn | 124.02 | 49 | PKiP | PKiP | 21 35 33.0 | +0.6 |
| MAW | comp-Z,600nm,20.0s | | | | SNR=10 | | | |
| RAYN | comp-Z,2um,20.0s | Ar Rayn | 124.02 | 49 | PKiP | PKiP | 21 35 31.1 | -1.1 |
| RAYN | comp-Z,2um,20.0s | | | | MLR | MLR | 22 29 53.3 | |
| CTAO | comp-Z,2um,20.0s | Charters Tower | 124.59 | 255 | PKiP | PKiP | 21 35 32.5 | -0.8 |
| CTAO | comp-Z,2um,20.0s | | | | MLR | MLR | | |
| CTAO | comp-Z,2um,20.0s | Charters Tower | 124.59 | 255 | PKP | PKP | 21 35 32.5 | -0.8 |
| CTAO</ | | | | | | | | |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TACO Tacachico, BOQUERON Boqueron, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like X48A Hartselle, X37A Clayton, Y52A Libran, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PCRV Puerto La Cruz, 214A Organ Pipe Nat, Q54A Cox Hills, and various other stations.

2014 DEC

7d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like F10A, YKA, ILAR, WRA, CMAR.

WEL 07 22:37:18.9, 45°S, 3°17'6"E, h97km, 4km, M4.0/12, MLv4.0/12, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DCZ, MSZ, WHZ, WRA, CMAR, etc.

WEL 07 22:38:32.9, 0.5, 40°S, 3°17'6"E, h19km, 4km, M1.8/12, ML2.0/12, MLv1.8/12, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PNHZ, WPHZ, KRHZ, TSZ, DVHZ, etc.

BUI 07 22:42:10.6, 0.0, 23°33'N, 100°49'E, h9km, ML3.7/7, IDC 07 22:42:11.9, 1.3, 23°26'N, 100°83'E, h0km, mb3.7/6,

mb1 3.7/6, mb1mx3.4/6, mbtmp3.7/6, Error ellipse: s-maj=43.1km s-min=18.0km az=91.0

ISC 07 22:42:14.0, 0.7, 23°21'N, 100°00'E, 0'08, h10km, n25, #2500/29, mb3.6/6, 1.1, 23°21'N, Myanmar-China border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMI, PAYA, CMAR, CM09, etc.

IDC 07 22:45:39.0, 5.1, 12°48'N, 93°42'W, h0km, mb3.4/3, mb1 3.7/5, mb1mx3.4/4, mbtmp3.4/5, ML3.5/2, Error

ellipse: s-maj=202.8km s-min=61.1km az=78.0 GCG 07 22:45:45.3, 0.7, 13°33'N, 91°29'W, h0km, 999km, MD3.8

ISC 07 22:45:39.4, 2.4, 13°58'N, 02°91'49'W, h0km, n8, #156/10, mb3.4/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GYA, LZH, WHN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FUG, PCC, NBG, CMIG, etc.

IDC 07 22:46:46.3, 1.2, 39°27'N, 72°64'E, h0km, mb3.7/7, mb1 3.9/14, mb1mx3.6/54, mbtmp3.7/14, ML3.5/7, Error

ellipse: s-maj=22.1km s-min=14.5km az=142.0 KRNET 07 22:46:47.0, 1.3, 39°43'N, 72°43'E, h14km, mb3.9

SOME 07 22:46:47.0, 39°67'N, 72°40'E, h5km, NNO 07 22:46:52.0, 2.0, 39°74'N, 72°40'E, h0km, mb4.4, mpv4.0,

Error ellipse: s-maj=15.5km s-min=8.0km az=6.0 ISC 07 22:46:47.0, 1.5, 39°26'N, 05°72'40'E, 0.03, h4km, #10km,

n74, #192/110, mb3.7/8, 31C-10Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DRK, OHH, BTK, ARSB, etc.

DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

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DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

DZA Taraz 3.72 348 eP Pn 22 47 47.0 +1.8

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

IDC 07 22:52:40.4, 1.2, 13°75'N, 91°18'W, h0km, mb3.8/9, mb1 4.1/11, mb1mx3.9/41, mbtmp3.9/11, ML3.9/2, Error

ellipse: s-maj=43.2km s-min=19.0km az=46.0 NEIC 07 22:52:45.6, 0.8, 13°74'N, 0°06:91:57W, 0.09, h30km, 10km,

mb4.1/16, Error ellipse: s-maj=15.9km s-min=3.0km az=55.0

INET 07 22:52:46.5, 1.3, 18°9'N, 91°38'W, h10km, MWV3.5

UCR 07 22:52:46.5, 1.4, 13°39'N, 91°39'W, h30km, ML3.9, mb4.1, (INEIC)

SNET 07 22:52:47.0, 1.1, 13°30'N, 91°11'W, h0km, 10km, ML3.9

GCG 07 22:52:53.7, 1.4, 14°03'N, 91°09'W, h23km, 18km, MD4.1

ISC 07 22:52:44.1, 2.1, 13°70'N, 0°08:91:57W, 0.06, h30km, 14km,

n56, #129/68, mb3.9/13, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTAL, FUG, PCC, NBG, etc.

IDC 07 22:52:40.4, 1.2, 13°75'N, 91°18'W, h0km, mb3.8/9, mb1 4.1/11, mb1mx3.9/41, mbtmp3.9/11, ML3.9/2, Error

ellipse: s-maj=43.2km s-min=19.0km az=46.0 NEIC 07 22:52:45.6, 0.8, 13°74'N, 0°06:91:57W, 0.09, h30km, 10km,

mb4.1/16, Error ellipse: s-maj=15.9km s-min=3.0km az=55.0

INET 07 22:52:46.5, 1.3, 18°9'N, 91°38'W, h10km, MWV3.5

UCR 07 22:52:46.5, 1.4, 13°39'N, 91°39'W, h30km, ML3.9, mb4.1, (INEIC)

SNET 07 22:52:47.0, 1.1, 13°30'N, 91°11'W, h0km, 10km, ML3.9

GCG 07 22:52:53.7, 1.4, 14°03'N, 91°09'W, h23km, 18km, MD4.1

ISC 07 22:52:44.1, 2.1, 13°70'N, 0°08:91:57W, 0.06, h30km, 14km,

n56, #129/68, mb3.9/13, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTAL, FUG, PCC, NBG, etc.

7d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAYA, CEDA, TACO, MTO3, SNET, MRL, ESQI, etc.

IDC 07 22:58:06.1.2, 13:76N:91:18W, h0km, mb4.1/10, mb1.4.3/12, mb1mx3.0/4.0, mbtmp4.0/1.12, ML4.0/2, Error ellipse: s-maj=38.1km s-min=18.6km az=45.0

GCG 07 22:58:07.0.4, 13:60N:91:63W, h0km, mb4.2, Error ellipse: s-maj=38.1km s-min=18.6km az=45.0

UCR 07 22:58:09.9.1.6, 13:56N:91:62W, h50km, ML3.9, mb4.2(NEIC)

SNET 07 22:58:09.3.1.3, 13:68N:91:41W, h50km, 7km, ML3.9

NEIC 07 22:58:10.8.0.8, 13:60N:07:91:57W, 10.0, h43km, 8km, mb4.2/19, Error ellipse: s-maj=16.5km s-min=2.2km az=53.0

ISC 07 22:58:09.0.1.9, 13:57N:07:09:07.91:60W, h27km, 12km, n87, r124/107, mb4.2/16, 1C, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTAL, FUGO, PCG, NBG, HUEH, etc.

2014 DEC

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

IDC 07 23:06:59.3.4.6, 14:32N:90:51W, h0km, mb3.3/2, mb1.3/8, mb1mx3.5/32, mbtmp3.3/3, ML3.7/1, MS4.0/1, Ms1.4/0.1, ms1mx3.2/21, Error ellipse: s-maj=152.8km s-min=72.6km az=39.0

GCG 07 23:07:02.0.5.1, 13:93N:91:77W, h30km, MD3.8

UCR 07 23:07:04.3.1.6, 13:77N:91:27W, h0km, 14km, ML3.5

SNET 07 23:07:04.3.1.7, 13:77N:91:28W, h0km, 14km, ML3.5

ISC 07 23:07:00.5.2.8, 13:77N:01:91:58W, 0.08, h10km, 14km, n18, r122/29, Near coast of Guatemala

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

ML3.5/12, MLv3.3/13, Error ellipse: s-maj=0.0km s-min=0.0km az=60.5, South Island

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

GCG 07 23:23:05.6.0.9, 13:59N:92:05W, h29km, 999km, MD4.3

INET 07 23:23:07.9.14, 10N:91:74W, h10km, MW3.2

IDC 07 23:23:07.0.1.6, 13:77N:91:39W, h0km, mb3.9/6, mb1.4.3/9, mb1mx3.9/42, mbtmp4.1/9, ML3.7/3, Error ellipse: s-maj=53.0km s-min=20.9km az=37.0

NEIC 07 23:23:12.6.2.9, 13:75N:08:91:59W, 0.06, h40km, 12km, mb4.2/18, Error ellipse: s-maj=14.6km s-min=1.4km az=213.0

SNET 07 23:23:13.1.2.1, 13:88N:91:40W, h15km, ML4.1

UCR 07 23:23:13.4.1.9, 13:87N:91:38W, h15km, ML3.9, mb4.2(NEIC)

ISC 07 23:23:12.6.1.3, 13:72N:07:07:91:59W, 0.05, h41km, 13km, n93, r129/116, mb4.2/13, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTAL, RTAL, FUGO, PCG, NBG, etc.

IDC 07 23:48:09.0.1.9, 13:57N:07:09:07.91:60W, h27km, 12km, n87, r124/107, mb4.2/16, 1C, Near coast of Guatemala

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

WEL 07 23:18:41.6.45, 2:16E, h84km, 4km, M3.3/1

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 369.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 2014 DEC.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for stations 8d 0h.

NEIC 08 00:51:39.4z.2.8, 2.64N, 0.06:127.0E:0.1, h42km, 13km, mb4.3/10, Error ellipse: s-maj=17.4km s-min=7.0km az=73.0

ISC 08 00:51:38.9z.0.8, 2.64N, 0.07:127.0E:0.1, h35km, n20, c164/19, mb4.2/8, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNTI Ternate, DAV Davao City (W), LUWI Luwuk, etc.

ICC 08 00:53:55.9z.3.2, 13.42N, 91.28W, h0km, mb3.7/6, mb1.4/1.8, mb1mx3.8/34, mbtmp3.7/8, ML3.8/2, Error ellipse: s-maj=65.6km s-min=46.2km az=13.0

GCG 08 00:53:56.1z.1.4, 13.58N, 92.17W, h29km, 999km, MD4.0 NEIC 08 00:54:05.2z.1.1, 13.83N, 0.07:91.46W, 0.08, h44km, 9km, mb4.1/10, Error ellipse: s-maj=13.0km s-min=6.8km az=51.0

ISC 08 00:54:02.3z.0.9, 13.62N, 91.08:91.67W, 0.06, h28km, n44, c155/45, mb4.0/15, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu, FUG Fuego 3, PCG Pacaya, etc.

HEL 08 01:00:17.6z.79N, 20:18E, h0km, ML.1.4, Explosion UPP 08 01:00:17.8z.0.3, 67.84N, 20:20E, h1km, 2km, ML2.5, Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, MSAL Masofo, KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASU Masungsbyn, SALU Saitoluokta, KIF Kilpisjärvi, etc.

UPP 08 01:00:27.9z.0.1, 67.85N, 20:16E, h0km, ML1.7, Explosion, Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, RATU Laulukulupa, SALU Saitoluokta, etc.

ICC 08 01:26:19.3z.0.3, 13.50N, 91.14W, h0km, mb3.6/6, mb1.4/0.8, mb1mx3.8/33, mbtmp3.6/8, ML3.8/2, MS2.3/1, Ms1.2.3/1, ms1mx2.2/33, Error ellipse: s-maj=64.0km s-min=45.0km az=22.0

ISC 08 01:26:23.4z.2.0, 13.83N, 0.3:91.4W, 0.2, h10km, n10, c194/51/11, mb3.6/6, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Matias Romero, TXAR Lajitas Array, etc.

BUI 08 01:28:15.2z.0.0, 1.77N, 126.98E, h102km, mb5.3/45, mb5.3/71

MOS 08 01:28:17.6z.1.0, 1.75N, 126.94E, h127km, mb5.1/59, Error ellipse: s-maj=10.3km s-min=4.7km az=114.7

ICC 08 01:28:17.6z.1.0, 1.67N, 126.95E, h111km, mb4.5/25, mb1.4/6.29, mb1mx4.5/38, mbtmp4.9/29, MS3.4/15, Ms1.3.4/15, ms1mx3.3/31, Error ellipse: s-maj=13.8km s-min=6.3km az=77.0

DJA 08 01:28:17.0z.0.2, 2.12N, 127.7E, h102km, 3km, M5.0/34, mb5.2/34, mb5.5/24, MLV5.2/18, Mw(mB)4.9/24, MwP5.3/1

KLM 08 01:28:17.0z.1.0, 1.89N, 127.24E, h106km, mb5.0 GCMT 08 01:28:18.2z.0.3, 1.77N, 126.97E, h106km, mb5.0/34, Mw(mB)4.9/24, MwP5.3/1

MW4.9/99 Moment Tensor Solution, s25, c26, s99, c142; Duration: 0. Moment tensor: Scale 10^16Nm; M0: 0.21e14; Mw: 1.64e14; Ms: 1.43e14; Mb: 2.28e14; Ms: 1.65e14; Mb: 0.65e14; Best double couple: M3: 2.6800e14; NP1: 0.339, 0.00000, 0.843, 0.00000, -1.3, 0.00000; NP2: 0.71, 0.00000, 0.888, 0.00000, -1, -133.000000. Principal axes: T 3.4020, Plg29.0000, Azm195.0000; N -0.2730, Plg43.0000; Azm73.0000; P -3.1340, Plg33.0000, Azm306.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 08 01:28:18.2z.2.1, 1.74N, 0.06:126.93E:0.06, h118km, 4km, mb5.2/104, Error ellipse: s-maj=9.6km s-min=7.8km az=49.0

ISC 08 01:28:17.8z.0.6, 1.77N, 0.03:126.94E:0.04, h113km, 5km, n471, c191/5/521, mb5.1/155, 16C-7D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNTI Ternate, TNTI Ternate, SGGI Sangihe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, MPSI Mapaga, GLSP General Luna, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like XMIS, UBPT, QIS, MTSU, ASAR, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NWAO, MJAR, MAJO, MAJO, MAJO, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like DANN, ULN, ULN, ULN, ULN, etc.

8a 1h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Alma-Ata, Kahutara, Chushkaly, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ASHO, SHME, ALNE, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like L26K, OBN, K27K, etc.

NEIC 08 01:36:19.7z 1.3 6'S:50E:1.154:6E1.0, h10km, 1km, mb4, 3/9, Error ellipse: s-maj=24.2km s-min=19.7km az=42.0

IDC 08 01:36:29.2-4.8 6:30S: 154.21E, h75km, 36km, mb3, 4/6, mb1 3.8/9, mb1mx3.5/32, mb1mx3.9/9, ML3.8/2, Error ellipse: s-maj=49.8km s-min=18.2km az=91.0

ISC 08 01:36:24.7-6.8 6:38S:0:08, 154:5E:0.1, h35km, n21, 153N/23, mb3, 9/11, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like RABL, KRVL, KRVT, etc.

VAO 08 01:36:58.9z 2.2, 10.19N:62.42W, h22km, 15km, mb4, 3 TRN 08 01:36:58.4, 10.86N:62.54W, h1km, MD4.3

TRN Felt in Trinidad, Grenada and Saint Lucia and S. Vincent, MMI II

NEIC 08 01:36:59.1z 1.9, 10.85N:0.07:62.52W:0.07, h89km, 7km, mb4, 4/62, MD4.4 (TRN), Error ellipse: s-maj=12.3km s-min=9.7km az=133.0

IDC 08 01:36:59.2, 10.19N:62.42W, h96km, 9km, mb3, 7/19, mb1 3.8/23, mb1mx3.8/39, mb1mx4.0/23, MS2.8/1, Ms1 2.8/1, ms1mx2.5/30, Error ellipse: s-maj=13.1km s-min=6.7km az=123.0

CAR 08 01:37:00.1z 3.2, 10.82N:0.06:62.29W:0.07, h64km, 5km,

Error ellipse: s-maj=0.0km s-min=0.0km az=200.0
ISC 08 01:36:58.4.0.7, 10.85N, 0.04:62.54W, 0.04, h84km, 7km,
n206, r1554/225, mb4.44, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their associated data.

Table with columns: SDBA, SAO DESIDERIO, 28.99 142, P, P, 01 42 51.0 +0.6. Lists seismic events with station codes and magnitudes.

Table with columns: FIA1, FINESSE Array S, 79.90 29, P, P, 01 48 57.8 0.0. Lists seismic events with station codes and magnitudes.

DDA 08 02:02:22.8, 38.91N-26.27E, h7km, 2km, ML2.2
ATH 08 02:02:22.3, 38.91N-26.31E, h29km, 1km, ML2.2/1, Error
ellipse: s-maj=3.0km s-min=1.2km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their associated data.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, h, m, s, ISC. Includes stations like San Andres, Tacachico, Boqueron, Serv Nac Est T, etc.

JMA 08 02:08:01.1, 0.8, 47.12N; 153.10E, h30km, M4.8
MOS 08 02:08:03.0, 0.9, 46.95N; 152.94E, h56km, mb4.7/6, Error
ellip: s-maj=12.0km s-min=6.9km az=57.0

ISC 08 02:08:04.0, 4.0, 5.46; 88N; 0.08; 152.99E; 0.07, h56km, n152, e151/157, mb4.3/49, 18C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, h, m, s, ISC. Includes stations like Kuril'sk, Severo-Kuril's, etc.

Table with columns: GRPR, Pmax, Pmax, Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, h, m, s, ISC. Includes stations like Misakicho, Golovino, Nemuro, etc.

Table with columns: PV17, East Wray Mesa, 68.08, 57, P, Iamb, P, Iamb, 02 18 57.6, -0.7, 02 18 59.5. Includes stations like Snowmass, Warramunga Arr, etc.

ISC 08 02:11:37.9, 16.0, 21.41S; 178.43W, h212km, 155km, mb3.3/3, mb1.3/5, mb1mx3.2/21, mbtpm3.9/3, Error

ellip: s-maj=170.6km s-min=35.8km az=175.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC, h, m, s, ISC. Includes stations like Raoul Island, Stephens Creek, etc.

KRNET 08 02:22:20.5, 0.1, 40.02N; 77.74E, mb2.8
SOME 08 02:22:32.4, 0.40N; 77.57E, h5km
NNC 08 02:22:52.2, 0.2, 40.47N; 77.91E, h0km, mb3.3, mpv3.0, Error ellip: s-maj=13.0km s-min=11.5km az=12.0

Table with columns: Call sign, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR, ZALV, and KURBB.

Station information and technical details for various stations, including coordinates, frequencies, and operational modes. Includes station names like IDC, INET, and GCMT.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Lists numerous stations such as RTAL, RTR, CEVE, SBL, etc.

Main table of station data for the 2014 DEC section, with columns: Call sign, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PETF, CSGN, TGUH, etc.

Main table of station data for the 8d 4h section, with columns: Call sign, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WLAR, WILC, Y45A, etc.

8d 4h

Table with columns: Call Sign, Location, Azimuth, Elevation, SNR, and other parameters. Includes entries like W55A Taylorsville, W58A Raeford, 121A Cooke Peak, etc.

2014 DEC

Table with columns: Call Sign, Location, Azimuth, Elevation, SNR, and other parameters. Includes entries like PV20 West Nyswonger, PV04 Paradox Valley, JFWS Jewell Farm, etc.

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Table with columns: Call Sign, Location, Azimuth, Elevation, SNR, and other parameters. Includes entries like F60A Warwick, MFID Camas Ranch, DLMT Dillon, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Paso Flores, PLCA, PASO FLORES, etc.

ICD 08 04:05:07.0.2.8, 35.60N; 140.44E, h51km, 24km, mb3.2/6, m1 3.4/7, mb1mx3.2/38, mbtmp3.5/7, ML3.9/1, MS1.9/1, m1 1.9/1, ms1mx1.9/19, Error ellipse: s-maj=30.2km s-min=17.0 km az=67.0

NEIC 08 04:05:08.1.2.4, 35.54N; 140.35E, 0.07, h57km, gkm, mb4.6/10, Error ellipse: s-maj=10.3km s-min=7.4km az=93.0

JMA 08 04:05:09.1.0.1, 35.59N; 140.14E, h65km, 1km, M2.7

ISC 08 04:05:08.0.8.3, 35.57N; 140.21E, 0.04, h65km, 7km, n48, r130/51, mb4.2/11, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Nagara, JCNM, JSMT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IZUSHIMODA, KATASHINA, etc.

ICD 08 04:29:29.2.1.4, 23.78S; 66.58W, h199km, 18km, mb3.1/1, m1 3.1/5, mb1mx3.0/31, mbtmp3.6/5, Error ellipse: s-maj=30.5km s-min=21.9km az=33.0

ISC 08 04:29:30.4.0.7, 23.85S; 67.09W, h246km, 9km, ML3.9

GUC 08 04:29:28.0.0.9, 23.86S; 66.06E, 66.8W, 0.1, h219km, 14km, n20, r157/36, 12C-2D, Jujuy Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LIMON VERDE, LVC, etc.

ICD 08 04:30:47.3.10.0, 28.67S; 62.80E, h0km, mb3.6/3, m1 3.8/3, mb1mx3.4/51, mbtmp3.6/3, MS3.4/3, Ms1 3.4/3, ms1mx3.0/29, Error ellipse: s-maj=51.9km s-min=30.8km az=37.0, Southwest Indian Ridge

ICD 08 04:41:53.1.0.9, 1.58N; 126.79E, h0km, mb4.3/8, m1 4.4/10, mb1mx4.0/50, mbtmp4.3/10, ML4.1/2, MS3.1/4, Ms1 3.1/4, ms1mx3.2/31, Error ellipse: s-maj=51.2km s-min=14.9km az=71.0

NEIC 08 04:41:58.6.1.9, 1.51N; 10.126E; 0.07, h51km, gkm, mb4.6/11.8, Error ellipse: s-maj=15.5km s-min=8.2km az=211.0

DJA 08 04:41:58.0.1.6, 1.1N; 3.12E, h20km, 15km, M4.4/12, mb4.9/2, mb4.7/6, MLV4.3/12, Mw(mb)4.2/2

ISC 08 04:41:59.8.0.6, 1.49N; 0.07, 126.63E, 0.08, h47km, n59,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IZUSHIMODA, KATASHINA, etc.

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

ICD 08 04:42:05.5.2.4, 20.95S; 173.57W, h0km, mb3.8/6, m1 4.1/6, mb1mx3.9/50, mbtmp3.8/6, MS3.3/3, Ms1 3.3/3, ms1mx3.9/27, Error ellipse: s-maj=139.1km s-min=22.9km az=156.0

NEIC 08 04:42:06.1.3.0, 20.35S; 0.1; 173.3W; 0.1, h10km, 1km, mb4.5/4, Error ellipse: s-maj=21.3km s-min=11.9km az=142.0

ISC 08 04:42:06.3.0.7, 20.25S; 0.1; 173.37W; 0.09, h10km, n19, r171/14, mb3.9/7, Tonga Islands

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

GCG 08 04:46:16.2-1.6, 13.71N-91.87W, h12km, 32km, MD3.9
UCR 08 04:46:19.6-1.5, 13.64N-91.45W, h15km, ML3.4

SNET 08 04:46:19.3-1.0, 13.64N-91.33W, h15km, 7km, ML3.5
ISC 08 04:46:19.3-3.3, 13.77N-02-91.5W-0.1, h17km, 17km, n22,
0.677/38, 2C, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

ISK 08 04:58:53.9, 38.61N-26.12E, h17km, ML2.6/23
DDA 08 04:58:54.2, 38.59N-26.12E, h7km, 3km, ML2.1
ATH 08 04:58:54.0, 38.59N-26.04E, h33km, 6km, ML2.6/3, Error
ellipse: s-maj=6.5km s-min=1.8km az=274.0

ISC 08 04:58:54.2-1.2, 38.60N-02-26.12E-0.03, h18km, 5km,
n36, 0.54/44, Aegean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

JMA 08 05:37:43.8, 33.71N-130.25E, h13km, M3.9 Broadband
fault plane solution: P waves. NP1: 0.267, 0.0000,
0.74, 0.0000, 1.11, 0.0000. NP2: 0.174, 0.0000,
0.80, 0.0000. Principal axes: T P1g19, 0.0000.

Azm130.0000; N P1g17.0000; Azm322.0000; P
P1g17.0000, Azm221.0000;
JMA Flt II, J1

NIED 08 05:37:43.8, 33.71N-130.25E, h13km, MW3.7, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14 Nm;
Mn: 0.72; Mns: -1.09; Mns: 0.37; Mns: -0.33; Mns: 3.59; Mns: -0.66;
Fault plane solution: M3.760000/1014 NP1:
0.173, 0.0000, 0.81, 0.0000, 1.68, 0.0000. NP2:
0.265, 0.0000, 0.78, 0.0000, 1.9, 0.0000.

IDC 08 05:37:44.5-1.5, 33.75N-130.44E, h0km, mb3.1/1,
mb1.3/1.2, mb1mx2.9/53, mbtmp3.1/2, ML2.6/1, MS2.6/1,
Ms1 2.6/1, ms1mx2.2/19. Error ellipse: s-maj=45.5km
s-min=10.0km az=60.0

ISC 08 05:37:43.0-0.9, 33.70N-0.05-130.25E-0.05, h10km, n10,
0.174/16, 6C, Kyushu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 08 05:39:01.9-1.9, 11.78N-93.60E, h128km, 16km, mb3.9/18,
mb1.4/0.19, mb1mx3.7/55, mbtmp4.3/19, MS2.6/1,
Ms1 2.6/1, ms1mx2.4/34, Error ellipse: s-maj=20.1km
s-min=10.0km az=61.0

NEIC 08 05:39:01.5-1.3, 11.8N-0.1-93.6E-0.1, h126km, 9km,
mb4.5/11, Error ellipse: s-maj=17.0km s-min=14.6km
az=225.0

NDI 08 05:39:06.4-4.8, 12.08N-93.37E, h95km, 31km, ML4.4,
mb4.5(NEIC)

ISC 08 05:38:58.4-0.5, 11.65N-0.07-93.40E-0.06, h100km, n85,
0.159/83, mb4.3/22, Andaman Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

BHPL BHPL ex x 05 43 34.9
BHPL BHPL i x x 05 43 35.0
BHPL BHPL ex x 05 43 35.1

Simla 24.52 325 ex P
Garm 34.11 327 P Iamb Iamb

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 08 05:39:45.8-5.7, 6.56S-154.43E, h33km, 42km, mb3.9/10,
mb1.4/2.14, mb1mx3.9/42, mbtmp4.2/14, ML4.1/3, MS3.4/5,
Ms1 3.4/5, ms1mx3.0/31, Error ellipse: s-maj=23.5km
s-min=17.5km az=81.0

ISC 08 05:39:46.0-4.8, 6.54S-0.08-154.46E-0.10, h35km, n17,
0.194/20, mb4.0/12, MS3.4/4, Bougainville-Solomon
Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 08 05:43:53.6-1.1, 1.88N-126.53E, h0km, mb3.9/6,
mb1.4/1.7, mb1mx3.7/40, mbtmp3.9/7, ML3.5/1, MS3.2/1,
Ms1 3.2/1, ms1mx2.4/40, Error ellipse: s-maj=109.7km
s-min=17.5km az=71.0

DJA 08 05:43:59.0-0.4, 2.2N-5.12E, h10km, M3.98, MLv3.9/8
ISC 08 05:44:00.0-0.8, 1.92N-0.08-126.56E-0.08, h47km, n16,
0.193/17, mb3.9/6, Northern Molucca Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

| | | | | | |
|------|--------------------------------------------|-----------|----|----|-----------------|
| LAMP | comp=Z,500nm,16.1s | 30.99 304 | P | P | 07 42 13.5 +3.7 |
| PAYA | comp=Z,1µm,comp=Z,22nm,0.7s | 31.21 306 | P | P | 07 42 14.0 +2.3 |
| JNU | comp=Z,3µm,comp=Z,365nm,1.0s | 31.35 7 | P | P | 07 42 11.6 -1.2 |
| JNU | comp=Z,34nm,0.8s,baz=144,slow=4.8,SNR=11 | 31.35 7 | I | I | 07 42 11.8 -0.9 |
| JNU | Nakatsue | 31.35 7 | P | I | 07 42 17.6 |
| CM36 | Chiang Mai Arr | 31.44 303 | P | P | 07 42 15.0 +1.3 |
| CM35 | Chiang Mai Arr | 31.46 304 | P | P | 07 42 15.0 +1.1 |
| CM04 | Chiang Mai Arr | 31.48 303 | P | P | 07 42 17.0 +3.0 |
| CM09 | Chiang Mai Arr | 31.49 303 | P | P | 07 42 17.4 +3.3 |
| CM01 | Chiang Mai Arr | 31.50 303 | P | P | 07 42 17.6 +3.3 |
| CM05 | Chiang Mai Arr | 31.51 303 | P | P | 07 42 17.0 +2.7 |
| CM02 | Chiang Mai Arr | 31.52 303 | P | P | 07 42 17.6 +3.2 |
| CMAR | comp=Z,1.04nm,comp=Z,13nm,1.1s | 31.54 303 | P | P | 07 42 14.2 -0.3 |
| CMAR | comp=Z,3.2nm,0.4s,baz=114,slow=7.0,SNR=21 | 31.54 303 | P | P | 07 42 17.8 +3.1 |
| CMAR | comp=Z,7.2nm,0.8s,baz=167,slow=1.5,SNR=11 | 31.54 303 | P | P | 07 42 17.8 +3.1 |
| CMAR | comp=Z,1.0nm,0.3s,baz=156,slow=2.6,SNR=4.3 | 31.54 303 | P | P | 07 42 17.8 +3.1 |
| CM13 | Chiang Mai Arr | 31.55 303 | P | P | 07 42 18.4 +3.7 |
| CM15 | Chiang Mai Arr | 31.55 303 | P | P | 07 42 16.0 +1.3 |
| CM34 | Chiang Mai Arr | 31.55 304 | P | P | 07 42 14.7 -1.3 |
| CHTO | Chiang Mai | 31.70 304 | P | P | 07 42 14.7 -1.3 |
| CHTO | comp=Z,42nm,1.3s | 31.70 304 | P | P | 07 42 16.0 0.0 |
| CM33 | Chiang Mai Arr | 31.70 304 | P | P | 07 42 24.5 +3.6 |
| CM32 | Chiang Mai Arr | 31.71 303 | P | P | 07 42 21.5 0.0 |
| MHMT | Maesarieng | 32.26 302 | P | P | 07 42 21.2 -0.2 |
| MORW | Morawa | 32.34 197 | P | P | 07 42 22.6 +0.4 |
| MORW | comp=Z,32,SNR=13 | 32.34 197 | P | P | 07 42 21.2 -0.2 |
| MORW | Morawa | 32.34 197 | I | I | 07 42 25.1 |
| MORW | comp=Z,42nm,0.8s | 32.34 197 | I | I | 07 42 22.6 +0.4 |
| JMN | Monobe | 32.44 12 | P | P | 07 42 22.6 +0.4 |
| JMN | comp=Z,42nm,0.8s | 32.44 12 | I | I | 07 42 21.0 |
| KMI | Kunming | 32.45 317 | eP | P | 07 42 24.7 +1.9 |
| KMI | KMI | 32.45 317 | pP | pP | 07 42 26.8 -8.0 |
| KMI | KMI | 32.45 317 | sP | sP | 07 42 29.2 -1.1 |
| KMI | KMI | 32.45 317 | Pn | Pn | 07 43 33.8 +2.7 |
| KMI | KMI | 32.45 317 | S | S | 07 47 34.3 -0.3 |
| KMI | KMI | 32.45 317 | sS | sS | 07 47 45.9 -8.8 |
| KMI | comp=Z,33nm,0.5s | 32.45 317 | P | P | 07 42 21.0 |
| KMI | comp=Z,250nm,4.3s | 32.45 317 | P | P | 07 42 21.0 |
| KMI | comp=Z,790nm,20.2s | 32.45 317 | P | P | 07 42 21.0 |
| KMI | comp=Z,1µm,24.4s | 32.45 317 | P | P | 07 42 21.0 |
| KMI | comp=Z,2µm,24.7s | 32.45 317 | P | P | 07 42 21.0 |
| FORT | Forrest | 32.53 177 | P | P | 07 42 23.3 +0.2 |
| FORT | Forrest | 32.53 177 | P | P | 07 42 22.4 -0.7 |
| QLP | Quilpie | 33.15 150 | P | P | 07 42 30.0 +1.5 |
| KMBL | Kambalda | 33.35 187 | P | P | 07 42 30.1 -0.2 |
| JHS | Saijyo | 33.53 10 | P | P | 07 42 31.3 -0.4 |
| JHS | comp=Z,49nm,0.9s | 33.53 10 | I | I | 07 42 42.3 |
| BLDU | Ballidu | 33.62 195 | P | P | 07 42 32.3 -0.3 |
| BLDU | comp=Z,34,SNR=25 | 33.62 195 | P | P | 07 42 37.6 -0.5 |
| JWT | Wachi | 34.26 13 | P | P | 07 42 38.3 -0.1 |
| KLBR | Kellerberrin | 34.30 193 | P | P | 07 42 38.3 -0.1 |
| TJN | Taejon | 34.32 11 | eP | P | 07 42 39.8 +1.2 |
| INU | Inuyama | 34.72 15 | P | I | 07 42 41.5 -0.5 |
| INU | comp=Z,49nm,0.8s | 34.72 15 | I | I | 07 42 42.9 |
| MUN | Mundaring | 35.04 195 | P | P | 07 42 45.0 +0.1 |
| MUN | comp=Z,35,SNR=8.5 | 35.04 195 | P | P | 07 42 44.4 -0.6 |
| JGF | Kuroka | 35.05 16 | P | P | 07 42 46.6 +0.3 |
| TIA | Taian | 35.20 347 | P | P | 07 45 17.1 +0.5 |
| TIA | comp=Z,126nm,1.0s | 35.20 347 | S | S | 07 48 16.8 +0.4 |
| TIA | comp=Z,24nm,1.2s | 35.20 347 | P | P | 07 42 46.6 +0.3 |
| TIA | comp=Z,400nm,25.1s | 35.20 347 | P | P | 07 42 46.6 +0.3 |
| TIA | comp=Z,410nm,23.1s | 35.20 347 | P | P | 07 42 46.6 +0.3 |
| KSR5 | Korea Array | 35.41 2 | P | P | 07 42 47.9 -0.1 |
| KSR5 | comp=Z,730nm,25.9s | 35.41 2 | P | P | 07 42 47.9 -0.1 |
| KSR5 | comp=Z,1.8nm,0.8s,baz=182,slow=9.4,SNR=22 | 35.41 2 | P | P | 07 45 18.1 +1.0 |
| KSR5 | comp=Z,4.1nm,0.9s,baz=182,slow=9.4,SNR=22 | 35.41 2 | P | P | 07 45 18.1 +1.0 |
| KS19 | Wonju Array Si | 35.46 2 | P | I | 07 42 47.9 -0.6 |
| KS19 | comp=Z,4.1nm,0.9s,baz=182,slow=9.4,SNR=22 | 35.46 2 | I | I | 07 42 47.9 -0.6 |
| RMQ | Roma | 35.54 144 | P | P | 07 42 51.1 +1.9 |
| RMQ | comp=Z,40nm,0.9s | 35.54 144 | P | P | 07 42 51.1 +1.9 |
| NWAO | Narogin (SRO) | 35.70 193 | P | P | 07 42 50.7 +0.2 |
| NWAO | comp=Z,36,SNR=4.9 | 35.70 193 | P | P | 07 42 50.7 +0.2 |
| NWAO | Narogin (SRO) | 35.70 193 | P | P | 07 42 51.3 +0.8 |
| NWAO | comp=Z,36,SNR=8.3 | 35.70 193 | P | P | 07 42 51.3 +0.8 |
| NWAO | Narogin (SRO) | 35.70 193 | P | P | 07 42 51.3 +0.8 |
| NWAO | comp=Z,43nm,1.0s | 35.70 193 | P | P | 07 42 51.2 +0.8 |
| NWAO | comp=Z,43nm,1.0s | 35.70 193 | I | I | 07 42 51.2 +0.8 |
| NWAO | Narogin (SRO) | 35.70 193 | P | P | 07 42 50.6 +0.1 |
| NWAO | comp=Z,31nm,1.0s | 35.70 193 | I | I | 07 42 50.6 +0.1 |
| BBOO | Buckleboo | 35.71 166 | P | P | 07 42 50.4 -0.3 |
| BBOO | comp=Z,31nm,1.0s | 35.71 166 | P | P | 07 42 50.4 -0.3 |
| BBOO | Buckleboo | 35.71 166 | P | P | 07 42 50.6 -0.1 |
| BBOO | comp=Z,36,SNR=57 | 35.71 166 | I | I | 07 42 50.6 -0.1 |
| BBOO | Buckleboo | 35.71 166 | I | I | 07 42 50.6 -0.1 |
| XAN | Xi'an | 35.90 335 | P | P | 07 42 54.0 -0.9 |
| XAN | comp=Z,73nm,1.0s | 35.90 335 | P | P | 07 42 59.4 -5.0 |
| XAN | comp=Z,73nm,1.0s | 35.90 335 | sP | sP | 07 44 17.5 +2.8 |
| XAN | comp=Z,73nm,1.0s | 35.90 335 | PP | PP | 07 48 25.0 -2.3 |
| XAN | comp=Z,73nm,1.0s | 35.90 335 | S | S | 07 48 25.0 -2.3 |
| XAN | comp=Z,71nm,1.2s | 35.90 335 | P | P | 07 42 54.0 |
| XAN | comp=Z,350nm,5.6s | 35.90 335 | P | P | 07 42 54.0 |
| XAN | comp=Z,600nm,24.0s | 35.90 335 | P | P | 07 42 54.0 |
| XAN | comp=Z,530nm,21.1s | 35.90 335 | P | P | 07 42 54.0 |
| XAN | comp=Z,1µm,22.1s | 35.90 335 | P | P | 07 42 54.0 |
| CD2 | Chengdu | 35.93 326 | P | P | 07 42 50.0 -0.6 |
| CD2 | comp=Z,1µm,22.1s | 35.93 326 | P | P | 07 42 50.0 -0.6 |
| CD2 | comp=Z,90nm,1.2s | 35.93 326 | P | P | 07 43 13.2 -1.1 |
| CD2 | comp=Z,260nm,11.8s | 35.93 326 | P | P | 07 48 31.1 +3.3 |
| CD2 | comp=Z,1µm,22.1s | 35.93 326 | P | P | 07 42 50.0 -0.6 |
| CD2 | comp=Z,910nm,18.1s | 35.93 326 | P | P | 07 42 50.0 -0.6 |
| CD2 | comp=Z,1µm,21.0s | 35.93 326 | P | P | 07 42 50.0 -0.6 |
| EIDS | Eidsvold | 36.15 140 | P | P | 07 42 55.8 +1.3 |
| EIDS | comp=Z,1µm,21.0s | 36.15 140 | P | P | 07 42 55.8 +1.3 |
| EIDS | Eidsvold | 36.15 140 | I | I | 07 42 54.4 -0.1 |
| EIDS | comp=Z,56nm,1.0s | 36.15 140 | I | I | 07 42 54.4 -0.1 |
| MJAR | Matsushiro Arr | 36.17 16 | P | P | 07 42 53.2 -1.3 |
| MJAR | comp=Z,22nm,0.7s,baz=187,slow=9.0,SNR=36 | 36.17 16 | P | P | 07 42 53.2 -1.3 |
| MAJO | Matsushiro | 36.17 16 | P | P | 07 42 53.2 -1.3 |
| MAJO | comp=Z,36nm,0.9s | 36.17 16 | P | P | 07 42 53.2 -1.3 |
| MAJO | Matsushiro | 36.17 16 | P | P | 07 42 52.9 -1.7 |
| MAJO | comp=Z,58nm,1.1s | 36.17 16 | I | I | 07 42 55.8 |
| MAT | Matsushiro | 36.17 16 | P | P | 07 42 53.3 -1.2 |
| MAT | comp=Z,58nm,1.1s | 36.17 16 | S | S | 07 48 30.6 -0.7 |
| STKA | Stevens Creek | 36.56 158 | P | P | 07 42 57.8 -0.2 |
| STKA | comp=Z,45nm,0.8s,baz=332,slow=8.5,SNR=62 | 36.56 158 | P | P | 07 42 57.8 -0.2 |

| | | | | | |
|------|------------------------------------------|-----------|----|----|-----------------|
| STKA | comp=Z,45nm,0.8s,baz=332,slow=8.5,SNR=62 | 36.56 158 | P | P | 07 42 57.8 -0.2 |
| STKA | Stevens Creek | 36.56 158 | P | P | 07 42 57.7 -0.2 |
| STKA | comp=Z,8.0nm,0.8s | 36.56 158 | P | P | 07 42 57.7 -0.2 |
| STKA | Stevens Creek | 36.56 158 | P | P | 07 42 57.7 -0.2 |
| HTT | Hallett | 37.08 162 | P | P | 07 43 02.9 +0.6 |
| DL2 | Dalian | 37.09 354 | P | P | 07 43 02.3 0.0 |
| DL2 | comp=Z,180nm,0.7s | 37.09 354 | P | P | 07 48 50.9 +5.8 |
| DL2 | comp=Z,190nm,6.3s | 37.09 354 | P | P | 07 43 02.3 0.0 |
| DL2 | comp=Z,580nm,16.9s | 37.09 354 | P | P | 07 43 02.3 0.0 |
| DL2 | comp=Z,390nm,15.7s | 37.09 354 | P | P | 07 43 02.3 0.0 |
| DL2 | comp=Z,910nm,24.6s | 37.09 354 | P | P | 07 43 02.3 0.0 |
| RKGY | Rocky Gully | 37.37 193 | P | P | 07 43 06.7 +2.0 |
| RKGY | comp=Z,1µm,24.9s | 37.37 193 | P | P | 07 43 06.7 +2.0 |
| JSD | Sado | 37.59 15 | P | P | 07 43 05.2 -1.3 |
| JSD | comp=Z,70nm,1.1s | 37.59 15 | I | I | 07 43 15.2 |
| TIV | Taiyuan | 37.88 342 | eP | P | 07 43 10.1 +1.0 |
| TIV | comp=Z,26nm,0.7s | 37.88 342 | S | S | 07 43 00.1 +2.7 |
| TIV | comp=Z,26nm,0.7s | 37.88 342 | P | P | 07 43 10.1 +1.0 |
| CMSA | comp=Z,1µm,24.9s | 37.98 153 | P | P | 07 43 10.1 +0.2 |
| CMSA | Cobar Meteorol | 37.98 153 | P | P | 07 43 10.1 +0.2 |
| JMM | Muramori | 38.17 19 | P | P | 07 43 11.0 -0.4 |
| JMM | SAIH | 38.35 305 | eP | P | 07 43 11.0 -1.5 |
| JMM | SAIH | 38.35 305 | I | I | 07 43 18.1 |
| IMP | Imphal | 38.72 309 | eP | P | 07 43 14.3 -2.1 |
| IMP | comp=Z,47nm,0.5s | 38.72 309 | I | I | 07 43 17.8 |
| KOHI | KOHIMA | 39.06 310 | eP | P | 07 43 16.9 -2.4 |
| KOHI | comp=Z,46nm,1.1s | 39.06 310 | I | I | 07 43 25.1 |
| MOKO | MOKOCHONG | 39.07 311 | eP | P | 07 43 18.4 -1.0 |
| MOKO | comp=Z,40nm,0.4s | 39.07 311 | I | I | 07 43 24.3 |
| BJI | Beijing | 39.08 348 | P | P | 07 43 18.9 -0.2 |
| BJI | comp=Z,51nm,0.9s | 39.08 348 | P | P | 07 45 29.6 +1.3 |
| BJI | comp=Z,310nm,23.0s | 39.08 348 | P | P | 07 49 15.9 +0.6 |
| SNY | Shenyang | 39.83 357 | P | P | 07 43 24.9 -0.4 |
| SNY | comp=Z,290nm,25.0s | 39.83 357 | P | P | 07 49 23.9 -2.6 |
| SNY | comp=Z,30nm,0.8s | 39.83 357 | P | P | 07 43 24.9 -0.4 |
| SNY | comp=Z,460nm,19.1s | 39.83 357 | P | P | 07 49 23.9 -2.6 |
| SNY | comp=Z,430nm,19.6s | 39.83 357 | P | P | 07 43 24.9 -0.4 |
| SNY | comp=Z,670nm,23.5s | 39.83 357 | P | P | 07 43 24.9 -0.4 |
| LZH | Lanzhou | 39.91 331 | P | P | 07 43 25.7 -0.6 |
| LZH | comp=Z,47nm,0.5s | 39.91 331 | P | P | 07 43 31.6 -6.9 |
| LZH | comp=Z,51nm,0.9s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| LZH | comp=Z,140nm,1.6s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| LZH | comp=Z,170nm,4.3s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| LZH | comp=Z,500nm,15.6s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| LZH | comp=Z,800nm,15.5s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| LZH | comp=Z,920nm,16.7s | 39.91 331 | P | P | 07 43 34.3 -6.3 |
| ARMA | Armidale | 40.15 145 | P | P | 07 43 29.4 +1.2 |
| ARMA | comp=Z,40,SNR=19 | 40.15 145 | P | P | 07 43 32.5 |
| ARMA | Armidale | 40.15 145 | P | P | 07 43 29.0 +0.7 |
| ARMA | comp=Z,74nm,0.9s | 40.15 145 | I | I | 07 43 32.5 |
| TEZP | TEZPUR | 40.53 310 | eP | P | 07 43 29.5 -1.8 |
| SHL | Shilong | 40.70 308 | eP | P | 07 43 31.0 -2.0 |
| SHL | comp=Z,126nm,1.0s | 40.70 308 | eP | P | 07 43 30.9 -2.2 |
| SHL | Shilong | 40.70 308 | I | I | 07 43 34.9 |
| SHL | comp=Z,88nm,0.9s | 40.70 308 | P | P | 07 43 31.0 -2.0 |
| SHL | Shilong | 40.70 308 | P | P | 07 43 34.8 |
| JTM | Tenmabayashi | 40.93 17 | P | P | 07 43 34.6 +0.2 |
| JTM | comp=Z,126nm,1.0s | 40.93 17 | I | I | 07 43 36.0 |
| HHC | Hu-ho-hao-te | 41.03 343 | eP | P | 07 43 36.3 +0.9 |
| HHC | comp=Z,70nm,0.8s | 41.03 343 | pP | pP | 07 43 40.8 -6.9 |
| HHC | Hu-ho-hao-te | 41.03 343 | P | P | 07 49 47.9 +3.3 |
| HHC | comp=Z,30nm,1.0s | 41.03 343 | P | P | 07 43 36.3 +0.9 |
| HHC | comp=Z,180nm,5.4s | 41.03 343 | P | P | 07 43 36.3 +0.9 |
| HHC | comp=Z,840nm,21.6s | | | | |

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like POO, MSVF, SMLA, DHRM, BOD, PETK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TKM2, OTVZ, ETVZ, KBK, UCH, BHHZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ABPO, ABPO, ABPO, RAYN, RAYN, RAYN, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like SCRCR Sand Creek, OBN Obninsk, L26K Log Cabin Village, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like MOTA Moosalm, FETA Feichten, DAVA Davao, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like PLMC San Jos del P, POCP Popayan, YOTC Yotoco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ARVD, Arcevia, etc. Includes stations like PUK, BCI, ULC, etc.

ROM 08:08:24.22.7.0.43:309N;0:002:12:566E;0:004, h8km, ML1.9/22, 8C-2D, Error ellipse: s-maj=0.3km s-min=0.2km az=257.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MURB, Monte Urbino, etc. Includes stations like MURB, ATFO, ATCC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ARVD, Arcevia, etc. Includes stations like ARVD, MPAG, EL6, etc.

IDC 08:08:25:05.1-1.7, 6:85S;128.67E, h0km, mb3.6/2, mb1.3/5, mb1mx3.6/49, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=91.2km s-min=24.4km az=70.0, Banda Sea

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

IDC 08:08:29:09.7-1.3, 21:29S;66:77W, h221km, 17km, mb4.0/1, mb1.3/6, mb1mx3.1/35, mbtmp3.9/6, Error ellipse: s-maj=28.9km s-min=15.4km az=110.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, PB09, IPOC Station P, etc. Includes stations like PB09, LVC, PB01, etc.

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

IDC 08:08:29:35.7-1.0, 48:85S;106:57E, h0km, mb4.1/5, mb1.4/3.5, mb1mx3.9/31, mbtmp4.1/5, MS3.7/8, Ms1.3/6.8, ms1mx3.5/33, Error ellipse: s-maj=46.5km s-min=24.2km az=123.0

ISC 08:08:29:37.1-1.0, 48:9S;0:2:106:5E;0:3, h10km, n20, 0:45/1/1, mb4.1/5, MS3.7/7, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H01W2, Cape Leeuwin H, etc. Includes stations like H01W2, H01W1, H01W3, etc.

ROM 08:08:46:08.4-0.1, 43:310N;0:004:12:560E;0:006, h10km, ML1.1/1, 2D, Error ellipse: s-maj=0.5km s-min=0.4km az=62.0, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MURB, Monte Urbino, etc. Includes stations like MURB, ATFO, ATCC, etc.

BEO 08:08:47:14.1-0.4, 42:01N;19:72E, h0km, ML1.8/5, TIR 08:08:47:12.7, 42:05N;19:96E, h5km, 3km, Md1.8, Northwestern Balkan Peninsula

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

NEIC 08:08:49:26.1-2.8, 15:77S;0:07:72:54W;0:08, h96km, 5km, mb4.1/8, Error ellipse: s-maj=13.0km s-min=6.7km az=49.0

IDC 08:08:49:26.2-2.2, 15:62S;72:26W, h92km, 20km, mb3.7/8, mb1.3/9/1, mb1mx3.6/36, mbtmp4.1/11, Error ellipse: s-maj=25.1km s-min=16.9km az=55.0

GUC 08:08:49:29.6-0.6, 16:09S;72:65W, h265km, 10km, ML4.8, VAO 08:08:49:38.7-0.9, 15:48S;71:24W, h115km, 3km, ML4.8

ISC 08:08:49:26.3-0.5, 15:85S;0:05:72:58W;0:06, h100km, n88, 0:25/4/10, mb3.9/9, 6C-5D, Southern Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, AP01, Chacalluta, etc. Includes stations like AP01, AP01, AP01, etc.

| | | | | | | | | | |
|-------|-----------------|-------|-----|---------|---------|---------|--|------------|------|
| F60A | Warwick | 39.10 | 12 | P | | | | 09 02 18.1 | -0.3 |
| SUSD | Miller | 39.10 | 341 | P | | | | 09 02 16.5 | -1.9 |
| SUSD | Miller | 39.10 | 341 | Iamb | Iamb | | | 09 02 22.9 | |
| SUSD | | | | | IAMS_20 | IAMS_20 | | 09 20 29.1 | |
| PDMCI | Parker Dam,Lak | 39.10 | 317 | P | | | | 09 02 20.2 | +1.7 |
| E56A | St. Veronique | 39.12 | 8 | P | | | | 09 02 16.9 | -1.5 |
| E57A | Chemin Saint G | 39.13 | 9 | P | | | | 09 02 18.2 | -0.4 |
| H66A | Whiting | 39.16 | 17 | P | | | | 09 02 18.2 | -0.6 |
| G64A | Maxfield | 39.18 | 16 | P | | | | 09 02 17.7 | -1.3 |
| E58A | La Victoria | 39.24 | 10 | P | | | | 09 02 18.5 | -0.9 |
| F61A | St Evariste | 39.31 | 13 | P | | | | 09 02 18.2 | -1.9 |
| E38A | The Farm, Brul | 39.36 | 350 | P | | | | 09 02 18.1 | -2.3 |
| E38A | | | | | IAMS_20 | IAMS_20 | | 09 20 10.3 | |
| D41A | Chassel | 39.39 | 354 | IAMS_20 | IAMS_20 | | | 09 19 17.2 | |
| W13A | Hualapai Spring | 39.40 | 318 | Iamb | Iamb | | | 09 02 38.7 | |
| O20A | White River Ci | 39.42 | 329 | P | | | | 09 02 21.8 | +0.5 |
| O20A | White River Ci | 39.42 | 329 | P | | | | 09 02 21.2 | -0.1 |
| O20A | | | | | Iamb | Iamb | | 09 02 38.2 | |
| G65A | Princeton | 39.47 | 17 | P | | | | 09 02 22.0 | +0.7 |
| G65A | Princeton | 39.47 | 17 | IAMS_20 | IAMS_20 | | | 09 20 50.8 | |
| E59A | St. Maurice | 39.48 | 11 | P | | | | 09 02 19.9 | -1.5 |
| G004 | Tololo Observa | 39.50 | 164 | Iamb | Iamb | | | 09 02 38.7 | |
| F63A | Nahmakanta, Br | 39.51 | 15 | P | | | | 09 02 20.8 | -1.0 |
| SWSC | Sam W. Stewart | 39.51 | 314 | P | | | | 09 02 23.6 | +1.7 |
| D55A | Sainte-Anne-du | 39.52 | 8 | P | | | | 09 02 20.7 | -1.1 |
| IKP | In-Ko-Pah, Jac | 39.58 | 313 | P | | | | 09 02 24.8 | +2.1 |
| E60A | Ste Agathe de | 39.59 | 12 | P | | | | 09 02 23.2 | +0.8 |
| GGN | Saint George | 39.60 | 18 | IAMS_20 | IAMS_20 | | | 09 20 16.6 | |
| F33A | 5 Mile Ranch | 39.62 | 345 | Iamb | Iamb | | | 09 02 24.9 | |
| F33A | | | | | IAMS_20 | IAMS_20 | | 09 19 20.5 | |
| BC3 | Big Chuckwack | 39.65 | 315 | P | | | | 09 02 25.0 | +1.8 |
| D56A | ZEC Mazanza, M | 39.66 | 9 | P | | | | 09 02 22.7 | -0.2 |
| NEE2 | Needles Airpor | 39.69 | 317 | P | | | | 09 02 24.5 | +1.1 |
| IRM | Iron Mountain | 39.71 | 316 | P | | | | 09 02 25.5 | +1.9 |
| PKCU | Pink Cliffs | 39.84 | 322 | P | | | | 09 02 25.1 | +0.1 |
| F64A | Sherman | 39.86 | 16 | P | | | | 09 02 24.0 | -0.6 |
| F64A | Sherman | 39.86 | 16 | IAMS_20 | IAMS_20 | | | 09 19 36.1 | |
| E61A | Lac Etchemin | 39.86 | 13 | P | | | | 09 02 23.4 | -1.3 |
| SRU | San Rafael Swe | 39.91 | 326 | P | | | | 09 02 25.2 | -0.2 |
| SRU | | | | | pmax | pmax | | | |
| SRU | San Rafael Swe | 39.91 | 326 | P | | | | 09 02 25.2 | -0.2 |
| MONP2 | Monument Peak | 39.93 | 313 | P | | | | 09 02 27.8 | +2.1 |
| ROSB | Rosario | 39.96 | 104 | eP | | | | 09 02 26.2 | +0.3 |
| D58A | Chemin du LacG | 40.01 | 10 | P | | | | 09 02 25.1 | -0.8 |
| D59A | Saint-Raymond | 40.12 | 12 | P | | | | 09 02 25.9 | -0.9 |
| D59A | | | | | S | S | | 09 08 33.2 | +0.7 |
| LCMT | Little Creek M | 40.14 | 321 | P | | | | 09 02 28.4 | +1.1 |
| MTPU | Mount Pierson | 40.15 | 323 | P | | | | 09 02 28.1 | +0.4 |
| CO03 | El Pedregal | 40.16 | 164 | Iamb | Iamb | | | 09 02 44.1 | |
| BELC | Belle Mtns, Jos | 40.22 | 315 | P | | | | 09 02 29.5 | +1.5 |
| BELC | | | | | S | S | | 09 08 39.6 | +4.9 |
| D60A | Saint Jean D'O | 40.22 | 13 | P | | | | 09 02 28.2 | +0.6 |
| D60A | | | | | S | S | | 09 08 40.5 | +6.5 |
| E62A | Clayton Lake | 40.26 | 14 | P | | | | 09 02 28.0 | 0.0 |
| E62A | | | | | S | S | | 09 08 42.5 | +7.7 |
| E62A | Clayton Lake | 40.26 | 14 | P | | | | 09 02 26.6 | -1.4 |
| E62A | | | | | Iamb | Iamb | | 09 02 59.3 | |
| E62A | | | | | IAMS_20 | IAMS_20 | | 09 21 16.8 | |
| P17A | Butcher Ranch, | 40.28 | 326 | P | | | | 09 02 28.5 | 0.0 |
| LATQ | La Tuque | 40.30 | 10 | P | | | | 09 02 27.6 | -0.7 |
| LATQ | | | | | S | S | | 09 08 42.8 | +7.6 |
| LATQ | La Tuque | 40.30 | 10 | P | | | | 09 02 27.6 | -0.7 |
| TPFO | Pinon Flats O | 40.33 | 314 | P | | | | 09 02 30.6 | +1.7 |
| PFO | Pinon Flats O | 40.33 | 314 | P | | | | 09 02 30.4 | +1.5 |
| PFO | | | | | PcP | PcP | | 09 04 35.3 | +3.0 |
| PFO | | | | | S | S | | 09 08 27.9 | -8.5 |
| PFO | | | | | S | S | | 09 02 30.7 | +1.7 |
| PFO | | | | | S | S | | 09 08 45.4 | +9.0 |
| PFO | Pinon Flats O | 40.33 | 314 | eP | | | | 09 02 30.4 | +1.5 |
| PFO | | | | | pmax | pmax | | | |
| PFO | Pinon Flats O | 40.33 | 314 | P | | | | 09 02 30.6 | +1.6 |
| E63A | Oxbow | 40.35 | 15 | P | | | | 09 02 28.4 | -0.3 |
| E63A | | | | | S | S | | 09 08 45.6 | +1.0 |
| E63A | Oxbow | 40.35 | 15 | P | | | | 09 02 27.9 | -0.8 |
| E63A | | | | | IAMS_20 | IAMS_20 | | 09 19 59.3 | |
| VLDO | Val d'Or | 40.38 | 5 | P | | | | 09 02 27.2 | -1.6 |
| GMRC | Granite Mounta | 40.41 | 316 | P | | | | 09 02 31.4 | +1.9 |
| GMRC | | | | | S | S | | 09 08 46.1 | +8.5 |
| CO02 | Combarbal | 40.42 | 164 | Iamb | Iamb | | | 09 02 55.9 | |
| 109C | Camp Elliot, M | 40.42 | 313 | P | | | | 09 02 30.9 | +1.4 |
| 109C | | | | | S | S | | 09 08 45.4 | +7.8 |
| RDMU | Red Mountain | 40.43 | 328 | P | | | | 09 02 29.1 | -0.6 |
| K22A | Casper | 40.51 | 333 | P | | | | 09 02 30.0 | -0.2 |
| K22A | | | | | S | S | | 09 08 43.0 | +4.1 |
| E64A | Bridgewater | 40.51 | 16 | P | | | | 09 02 29.1 | -1.0 |
| E64A | | | | | S | S | | 09 08 47.7 | +9.3 |
| CCUT | Cedar City | 40.55 | 321 | P | | | | 09 02 31.4 | +0.6 |
| RSSD | Black Hills | 40.64 | 336 | P | | | | 09 02 30.9 | -0.5 |
| RSSD | | | | | S | S | | 09 08 44.9 | +4.0 |
| RSSD | Black Hills | 40.64 | 336 | P | | | | 09 02 31.0 | -0.5 |
| RSSD | | | | | pmax | pmax | | | |

| | | | | | | | | | |
|-------|-------------------------------------------|-------|-----|---------|---------|---------|--|------------|------|
| RSSD | comp=Z,26um,19.0s | | | | | | | | |
| RSSD | Black Hills | 40.64 | 336 | P | | | | 09 02 31.0 | -0.5 |
| RSSD | | | | | Iamb | Iamb | | 09 02 45.7 | |
| EYMN | Ely | 40.65 | 351 | P | | | | 09 02 28.7 | -2.5 |
| EYMN | Ely | 40.65 | 351 | P | | | | 09 02 28.7 | -2.5 |
| D61A | St Aubert, Com | 40.66 | 13 | P | | | | 09 02 31.0 | -0.2 |
| D61A | | | | | S | S | | 09 08 49.8 | +4.4 |
| TCRU | Three Creeks R | 40.68 | 323 | P | | | | 09 02 32.2 | +0.4 |
| PQI | Presque Isle | 40.69 | 16 | IAMS_20 | IAMS_20 | | | 09 20 10.2 | |
| MURC | Murieta | 40.85 | 314 | P | | | | 09 02 34.9 | +1.8 |
| MURC | | | | | S | S | | 09 08 50.5 | +6.5 |
| HEC | Hector,Ludlow | 40.90 | 316 | P | | | | 09 02 35.7 | +2.1 |
| HEC | | | | | S | S | | 09 08 51.7 | +7.0 |
| LMN | Caledonia Moun | 40.90 | 19 | P | | | | 09 02 33.3 | 0.0 |
| LMN | | | | | IAMS_20 | IAMS_20 | | 09 19 12.7 | |
| BBRC | Big Bear Solar | 41.00 | 315 | P | | | | 09 02 36.9 | +2.3 |
| BBRC | | | | | S | S | | 09 08 51.7 | +5.1 |
| D63A | Stockholm | 41.01 | 15 | P | | | | 09 02 33.5 | -0.6 |
| D63A | | | | | S | S | | 09 08 44.0 | -1.8 |
| SHPR | Sheep Range | 41.06 | 319 | P | | | | 09 02 36.5 | +1.5 |
| SHPR | | | | | IAMS_20 | IAMS_20 | | 09 22 20.1 | |
| MPU | Maple Canyon | 41.16 | 326 | P | | | | 09 02 35.7 | -0.1 |
| H03N2 | Juan Fernandez | 41.21 | 175 | T | | | | 09 46 36.5 | |
| H03N1 | Juan Fernandez | 41.22 | 175 | T | | | | 09 46 33.3 | |
| H03N3 | Juan Fernandez | 41.23 | 175 | T | | | | 09 46 38.0 | |
| LSQQ | Lebel-sur-Quev | 41.36 | 6 | P | | | | 09 02 34.5 | -2.5 |
| LSQQ | | | | | S | S | | 09 08 54.8 | +3.8 |
| RRX | Edison Barstow | 41.38 | 316 | P | | | | 09 02 38.8 | +1.4 |
| RRX | | | | | S | S | | 09 08 57.3 | +5.5 |
| ZON | Zonda | 41.41 | 162 | P | | | | 09 02 39.0 | +1.3 |
| ZON | | | | | pmax | pmax | | | |
| ZON | Zonda | 41.41 | 162 | P | | | | 09 02 39.0 | +1.3 |
| B35A | Bob, Littlefor | 41.44 | 349 | P | | | | 09 02 35.7 | -1.9 |
| SHOC | Shoshone, Teco | 41.45 | 317 | P | | | | 09 02 39.9 | +1.9 |
| SHOC | | | | | S | S | | 09 08 55.2 | +2.4 |
| JLU | Jordanelle | 41.46 | 326 | P | | | | 09 02 36.1 | -2.2 |
| GSC | Goldstone, Bar | 41.48 | 316 | P | | | | 09 02 39.6 | +1.3 |
| GSC | | | | | S | S | | 09 08 58.1 | +4.7 |
| GSC | Goldstone, Bar | 41.48 | 316 | Iamb | Iamb | | | 09 02 45.4 | |
| GSC | | | | | IAMS_20 | IAMS_20 | | 09 21 49.5 | |
| BFSC | Mount Baldy Ra | 41.51 | 314 | P | | | | 09 02 40.2 | +1.6 |
| BFSC | | | | | S | S | | 09 09 00.8 | +6.8 |
| SCI2 | San Clemente I | 41.52 | 312 | P | | | | 09 02 40.6 | +2.0 |
| SCI2 | | | | | S | S | | 09 09 00.5 | +6.6 |
| BDFB | Brafilia | 41.55 | 124 | P | | | | 09 02 39.0 | -0.1 |
| BDFB | | | | | S | S | | 09 08 51.4 | -3.5 |
| BDFB | comp=Z,7.0nm,1.0s,baz=234,slow=19,SNR=1.4 | | | | LR | LR | | 09 20 30.1 | |
| BDFB | comp=Z,68um,20.4s,baz=302,slow=37 | | | | P | P | | 09 02 38.6 | -0.6 |
| BDFB | comp=Z,255nm,1.1s | | | | pmax | pmax | | | |
| BDFB | comp=Z,72um,21.0s | | | | MLR | MLR | | | |
| BDFB | Brafilia | 41.55 | 124 | P | | | | 09 02 38.6 | -0.6 |
| BDFB | | | | | Iamb | Iamb | | 09 02 53.6 | |
| BDFB | comp=Z,255nm,1.1s | | | | IAMS_20 | IAMS_20 | | 09 20 08.3 | |
| E28A | Huff | 41.56 | 341 | Iamb | Iamb | | | 09 02 43.5 | |
| E28A | | | | | IAMS_20 | IAMS_20 | | 09 21 54.0 | |
| CIS | Catalina Islan | 41.63 | 313 | P | | | | 09 02 41.2 | +1.7 |
| CIS | | | | | S | S | | 09 09 02.6 | +7.0 |
| CTU | Camp Tracy | 41.69 | 326 | P | | | | 09 02 40.0 | 0.0 |
| FMP | Fort Macarthur | 41.70 | 313 | P | | | | 09 02 41.1 | +1.1 |
| FMP | | | | | S | S | | 09 09 01.9 | +5.5 |
| BATG | Bathurst New B | 41.79 | 17 | IAMS_20 | IAMS_20 | | | 09 20 24.2 | |
| AGMN | Agassiz Nation | 41.82 | 347 | P | | | | 09 02 38.9 | -2.0 |
| AGMN | | | | | S | S | | 09 08 52.4 | -5.5 |
| AGMN | Agassiz Nation | 41.82 | 347 | P | | | | 09 02 37.9 | -2.9 |
| AGMN | | | | | Iamb | Iamb | | 09 02 43.9 | |
| DUG | Dugway, Tooele | 41.94 | 325 | P | | | | 09 02 42.6 | +0.5 |
| DUG | | | | | S | S | | 09 09 06.4 | +6.2 |
| CPUP | Villa Florida | 41.98 | 145 | P | | | | 09 02 43.8 | +1.5 |
| CPUP | | | | | P | P | | 09 08 57.9 | -2.8 |
| CPUP | Villa Florida | 41.98 | 145 | P | | | | 09 02 41.2 | -1.1 |
| CPUP | | | | | pmax | pmax | | | |
| CPUP | Villa Florida | 41.98 | 145 | P | | | | 09 02 41.2 | -1.1 |
| VA01 | Torpederas | 41.99 | 166 | Iamb | Iamb | | | 09 02 43.9 | +1.6 |
| VA01 | | | | | Iamb | Iamb | | 09 02 54.4 | |
| MATQ | | | | | | | | | |

8d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NVAR, OMMB, LHV, MDPB, YHB, etc.

2014 DEC

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LL01, LL01, F04A, F04A, etc.

| | | | | | | | | | | | | | | | | | | | | | |
|-------|--------------------------------------------------|-----------|---------|---------|------------|------|-------|---------------------------------------------|-----------|---------|------------|------------|------|-----------------------------------|--------------------------------------|-------|-----|---------|------------|------------|------|
| C36M | comp=Z,32um,17.5s Paulatuk bazu=135,SNR=23 | 67.00 345 | P | P | 09 05 42.1 | -1.5 | HDA | bazu=110,SNR=216 | S | S | 09 15 37.0 | +1.7 | PCVE | Castro Verde comp=Z,280nm,1.7s | 73.13 | 53 | eP | P | 09 05 22.2 | +0.3 | |
| C36M | bazu=135 Paulatuk | | S | S | 09 14 34.7 | -1.5 | HDA | bazu=110 Harding Lake | 71.99 336 | P | P | 09 06 14.6 | +0.1 | PCVE | Barranco-do-Ve comp=Z,461nm,1.6s | 73.19 | 54 | eS | S | 09 15 51.6 | +2.3 |
| C36M | bazu=135 Paulatuk | 67.00 345 | P | P | 09 05 41.8 | -1.8 | HDA | comp=Z,25um,21.0s | | IAMS_20 | IAMS_20 | 09 40 08.5 | | PBDV | Barranco-do-Ve comp=Z,461nm,1.6s | 73.19 | 54 | eP | S | 09 05 23.6 | +1.3 |
| BCPM | Bancas Point comp=Z,29um,18.0s | 67.08 333 | IAMS_20 | IAMS_20 | 09 38 26.2 | | PMR | Palmer | 72.02 333 | P | P | 09 06 14.5 | -0.2 | EVO | Evora | 73.20 | 52 | eS | S | 09 15 51.1 | +1.0 |
| RES | Resolute Bay comp=Z,183,slow=10.0,SNR=24 | 67.16 357 | P | P | 09 05 42.6 | -1.8 | PMR | comp=Z,95nm,1.0s | | pmax | pmax | | | EVO | Evora | 73.20 | 52 | eP | P | 09 15 49.5 | +0.4 |
| RES | Resolute Bay | 67.16 357 | P | P | 09 05 42.7 | -1.8 | PMR | comp=Z,66um,18.0s | | MLR | MLR | | | EVO | Evora | 73.20 | 52 | eP | P | 09 06 22.8 | +0.5 |
| RES | comp=Z,55nm,1.0s | | | | | | PMR | comp=Z,95nm,1.0s | 72.02 333 | P | P | 09 06 14.5 | -0.2 | I23K | Minto, Yukon-K bazu=108,SNR=133 | 73.21 | 336 | P | P | 09 06 22.1 | +0.4 |
| RES | comp=Z,102um,18.0s | | | | | | PMR | comp=Z,25um,21.0s | | IAMB | IAMB | 09 06 26.1 | | I23K | bazu=108 | | | S | S | 09 15 50.5 | +1.4 |
| RES | Resolute Bay | 67.16 357 | P | P | 09 05 42.7 | -1.8 | IL18 | Elison Array | 72.04 336 | P | P | 09 06 14.7 | -0.1 | I23K | Minto, Yukon-K | 73.21 | 336 | P | P | 09 06 21.9 | +0.2 |
| ICESG | Greenland Ices | 67.27 15 | iP | P | 09 05 43.7 | -2.1 | IL31 | | 72.09 336 | P | P | 09 06 14.7 | -0.3 | I23K | Skwentna | 73.22 | 333 | P | IAMB | 09 06 21.1 | -0.8 |
| TABL | Table Mountain | 67.97 333 | P | P | 09 05 50.7 | +0.5 | IL31 | comp=Z,204nm,0.9s | 72.09 336 | P | P | 09 06 15.0 | -0.1 | SKT | Skwentna | 73.22 | 333 | P | IAMB | 09 06 26.5 | |
| YAH | Yahite | 68.22 333 | P | P | 09 05 52.8 | +1.0 | ILAR | comp=Z,115nm,0.8s,bazu=112,slow=4.2,SNR=154 | | P | P'df | 09 33 57.8 | -7.0 | SKT | comp=Z,208nm,1.0s | | | | | 09 06 23.1 | +0.5 |
| YAH | | | IAMB | IAMB | 09 05 57.5 | | ILAR | comp=Z,0.7nm,1.0s,bazu=251,slow=2.8,SNR=2.7 | | LR | LR | 09 42 54.0 | | PGAV | Gavielira, Arco comp=Z,329nm,2.7s | 73.24 | 49 | eP | P | 09 06 23.1 | +0.5 |
| YAH | comp=Z,144nm,1.0s | | | | | | ILAR | comp=Z,19.2s,bazu=110,slow=40 | | LR | LR | 09 42 54.0 | | PGAV | Beja | 73.29 | 53 | eS | P | 09 15 54.2 | 0.0 |
| CTGM | Chitina Glacie | 68.28 333 | P | IAMB | 09 06 07.1 | +1.3 | RC01 | Rabbit Creek A | 72.15 332 | P | P | 09 06 15.3 | -0.2 | PBEJ | comp=Z,66nm,2.3s | 73.29 | 53 | eP | P | 09 06 23.3 | +0.5 |
| CTGM | comp=Z,139nm,1.3s | | | | | | RC01 | bazu=107,SNR=7.8 | | S | S | 09 15 39.4 | +2.2 | PVAQ | Vaqueiros SNR=11 | 73.37 | 53 | eP | P | 09 06 24.7 | +1.4 |
| PMOR | Pomarioiro Ree | 68.46 251 | eP | P | 09 05 53.4 | -0.3 | TBI | Tubuaj | 72.17 242 | eS | S | 09 15 36.6 | -2.0 | PVAQ | Vaqueiros comp=Z,397nm,1.7s | 73.37 | 53 | eP | P | 09 06 23.9 | +0.6 |
| BARN | Barnard Glacie | 68.46 333 | P | IAMB | 09 06 15.0 | | TBI | comp=Z,109nm,1.2s | | eLQ | LQ | 09 25 17.9 | | PVAQ | Vaqueiros | 73.37 | 53 | eS | LR | 09 15 52.9 | +0.9 |
| BARN | | | | | | | TBI | comp=Z,13um,34.8s | | eLR | LR | 09 28 24.4 | | PVAQ | Vaqueiros comp=Z,22um,22.0s | 73.37 | 53 | eLR | LR | 09 28 48.7 | |
| ISLE | Juniper Island | 68.58 333 | P | IAMB | 09 05 54.4 | +0.5 | TBI | comp=Z,5.0nm,0.2s | 72.17 242 | eT | T | 10 25 04.5 | | PCAB | Cabrill | 73.40 | 49 | eP | P | 09 06 24.3 | +0.9 |
| ISLE | comp=Z,120nm,1.0s | | | | | | TBI | comp=Z,5.0nm,0.2s | 72.17 242 | eT | T | 10 25 04.5 | | PVIS | Viseu | 73.43 | 50 | eP | P | 09 06 23.6 | 0.0 |
| DAWY | Dawson | 68.83 337 | IAMB | IAMB | 09 05 59.5 | | PMAFR | Mafr | 72.24 52 | eP | P | 09 06 16.6 | +0.1 | AVE | Aveiroes | 73.47 | 58 | iP | P | 09 06 22.0 | -1.9 |
| TGL | Tana Glacier | 68.86 333 | P | IAMB | 09 05 55.9 | +0.2 | PMAFR | comp=Z,327nm,2.0s | | eS | S | 09 15 40.9 | +1.8 | AVE | Aveiroes | 73.47 | 58 | iP | P | 09 15 54.2 | -0.4 |
| TGL | | | | | | | LIS | Lisbon | 72.33 52 | eP | S | 09 15 39.5 | -0.5 | OPA | Opana | 73.51 | 290 | IAMS_20 | IAMS_20 | 09 33 13.2 | |
| EPYK | Eagle Plains | 68.97 340 | IAMS_20 | IAMS_20 | 09 39 04.4 | | LIS | comp=Z,19um,20.7s | 72.33 52 | eP | S | 09 15 39.5 | -0.5 | KIP | Kipapa | 73.52 | 290 | eP | P | 09 06 28.4 | +4.0 |
| EPYK | comp=Z,19um,19.0s | | | | | | LIS | comp=Z,435nm,1.5s | 72.43 336 | P | P | 09 06 17.4 | +0.2 | KIP | Kipapa | 73.52 | 290 | eP | P | 09 06 28.4 | +4.0 |
| INK | Inuvik | 68.98 342 | P | IAMB | 09 05 56.1 | +0.1 | POKR | Poker Plat Res | 72.43 336 | P | P | 09 06 17.4 | +0.2 | PESTR | Estremoz | 73.55 | 52 | P | P | 09 06 24.9 | +0.6 |
| CRQM | Crque | 69.00 333 | IAMB | IAMB | 09 06 01.6 | | POKR | comp=Z,110,slow=40 | | S | S | 09 15 43.5 | +3.2 | PESTR | Estremoz | 73.55 | 52 | eS | IAMB | 09 15 55.7 | +1.1 |
| TULEG | Thule | 69.08 3 | IAMB | IAMB | 09 06 39.0 | | POKR | comp=Z,96nm,0.8s | 72.43 336 | P | P | 09 06 17.4 | +0.2 | PESTR | Estremoz | 73.55 | 52 | eS | IAMB | 09 06 34.3 | |
| TULEG | comp=Z,251nm,1.6s | | | | | | POKR | bazu=110,SNR=48 | | S | S | 09 15 43.5 | +3.2 | PESTR | Estremoz | 73.55 | 52 | eS | IAMB | 09 06 34.3 | |
| TULEG | | | | | | | POKR | bazu=110 | 72.43 336 | IAMB | IAMB | 09 06 25.6 | | POLO | Lamas de Olo comp=Z,204nm,1.3s | 73.55 | 49 | eP | P | 09 06 25.1 | +0.7 |
| MEH | Mehetia | 69.37 248 | eP | P | 09 05 58.8 | -0.6 | POKR | comp=Z,21um,29.5s,bazu=77 | | IAMS_20 | IAMS_20 | 09 39 17.1 | | POLO | Lamas de Olo comp=Z,214nm,1.4s | 73.55 | 49 | eP | P | 09 06 25.1 | +0.7 |
| GLB | Gilahina Butte | 69.57 333 | IAMB | IAMB | 09 06 05.2 | | POKR | comp=Z,24um,21.0s | 72.44 330 | IAMB | IAMB | 09 06 22.6 | | BPAW | Bear Paw Mtn. | 73.56 | 335 | eS | S | 09 15 54.0 | -0.1 |
| GLB | | | | | | | CNPM | China Poot | 72.44 330 | IAMB | IAMB | 09 06 22.6 | | BPAW | Bear Paw Mtn. | 73.56 | 335 | eS | S | 09 15 54.0 | -0.1 |
| EGAK | Eagle | 69.83 337 | P | IAMB | 09 06 01.0 | -0.4 | CNPM | comp=Z,133nm,0.8s | | IAMS_20 | IAMS_20 | 09 38 50.1 | | PVRL | comp=Z,26um,19.0s | 73.60 | 49 | eP | P | 09 06 24.8 | +0.2 |
| EGAK | | | | | | | RND | Reindeer | 72.45 334 | IAMS_20 | IAMS_20 | 09 41 57.0 | | MTE | Manteigas | 73.68 | 50 | eP | P | 09 06 25.1 | 0.0 |
| EGAK | comp=Z,137nm,1.0s | | | | | | WRH | Wood River Hill | 72.47 336 | P | IAMB | 09 06 16.9 | -0.5 | MTE | Manteigas | 73.68 | 50 | eP | P | 09 06 25.1 | 0.0 |
| K27K | Chicken | 69.87 336 | P | P | 09 06 01.6 | -0.1 | WRH | comp=Z,105nm,0.9s | | IAMS_20 | IAMS_20 | 09 40 22.4 | | MTE | Manteigas | 73.68 | 50 | eS | LR | 09 15 55.7 | +0.2 |
| K27K | bazu=115 | | S | S | 09 15 14.0 | +3.3 | WRH | comp=Z,22um,20.0s | | IAMS_20 | IAMS_20 | 09 40 22.4 | | MTE | Manteigas | 73.68 | 50 | eLR | LR | 09 29 00.8 | |
| K27K | Chicken | 69.87 336 | P | P | 09 06 01.8 | +0.1 | PFVI | comp=Z,628nm,1.8s | 72.47 54 | eP | P | 09 06 19.1 | +1.1 | MTE | Manteigas | 73.68 | 50 | eP | P | 09 06 24.9 | -0.2 |
| K27K | comp=Z,83nm,0.9s | | | | | | PFVI | comp=Z,22um,20.0s | 72.47 54 | eP | P | 09 06 18.4 | +0.4 | MTE | comp=Z,235nm,1.4s | | | IAMS_20 | IAMS_20 | 09 34 00.4 | |
| K27K | | | | | | | PFVI | comp=Z,628nm,1.8s | 72.47 54 | eP | P | 09 06 18.4 | +0.4 | PCBR | Castelo Branco | 73.69 | 51 | eP | P | 09 06 25.8 | +0.7 |
| ASCN | Ascension | 69.92 101 | IAMS_20 | IAMS_20 | 09 33 08.0 | | COLA | comp=Z,19um,20.0s | 72.51 336 | iP | P | 09 06 17.3 | -0.3 | MLY | comp=Z,19um,22.0s | 73.69 | 51 | eP | P | 09 06 25.2 | +0.3 |
| SUMG | Summit | 69.94 13 | P | P | 09 06 00.6 | -1.8 | COLA | comp=Z,22um,19.0s | 72.51 336 | P | P | 09 06 17.3 | -0.3 | MLY | comp=Z,346nm,1.4s | 73.73 | 336 | P | P | 09 06 25.2 | +0.3 |
| SUMG | comp=Z,317nm,1.4s | | | | | | COLA | comp=Z,181nm,1.1s | | MLR | MLR | | | MLY | bazu=107,SNR=74 | | | S | S | 09 15 57.4 | +2.3 |
| SUMG | comp=Z,38um,19.0s | | | | | | COLA | comp=Z,22um,19.0s | 72.51 336 | P | IAMB | 09 06 17.6 | 0.0 | PMRV | Marv??o | 73.73 | 51 | eP | P | 09 06 26.4 | +1.0 |
| SUMG | Summit | 69.94 13 | P | P | 09 06 00.6 | -1.8 | COLA | comp=Z,170nm,1.1s | 72.51 336 | IAMS_20 | IAMS_20 | 09 42 45.5 | | PMRV | Marv??o | 73.73 | 51 | eS | LR | 09 15 57.1 | +1.0 |
| SUMG | Summit | 69.94 13 | iP | P | 09 06 00.0 | -2.4 | COLA | comp=Z,22um,20.0s | 72.52 336 | P | P | 09 06 17.7 | +0.1 | PMRV | Marv??o | 73.73 | 51 | eLR | LR | 09 28 46.3 | |
| SUMG | comp=Z,100um,20.0s | | | | | | TCOL | CIGO, UAF Yank | 72.52 336 | P | P | 09 15 42.0 | +0.8 | PMSA | Palmer Station | 73.76 | 172 | P | P | 09 06 27.0 | +2.2 |
| SUMG | Summit | 69.94 13 | iP | P | 09 06 00.0 | -2.4 | TCOL | comp=Z,110,SNR=23 | | S | S | 09 15 42.0 | +0.8 | PMSA | Palmer Station | 73.76 | 172 | P | P | 09 06 27.0 | +2.2 |
| SUMG | comp=Z,100um,20.0s | | | | | | TCOL | comp=Z,171nm,1.1s | 72.52 336 | P | IAMB | 09 06 17.4 | -0.2 | OUMZ | Ouz | 73.99 | 60 | P | P | 09 06 29.0 | +1.8 |
| N25K | Chitina, Valde | 69.98 333 | P | IAMB | 09 06 01.0 | -1.5 | TCOL | comp=Z,171nm,1.1s | | IAMS_20 | IAMS_20 | 09 42 45.5 | | OUMZ | SNR=24 | | | P | P | 09 06 29.0 | +1.8 |
| N25K | comp=Z,117nm,0.9s | | | | | | TCOL | comp=Z,24um,20.0s | 72.58 53 | eP | P | 09 06 19.9 | +1.3 | MVO | Moncorvo | 74.11 | 50 | eP | P | 09 06 28.1 | +0.4 |
| L26K | Log Cabin Wild | 69.98 335 | P | P | 09 06 03.2 | +0.8 | PTEO | Sao Teotonio | 72.58 53 | eP | P | 09 06 19.9 | +1.3 | MVO | ZHG | 74.12 | 58 | P | P | 09 15 59.9 | -0.5 |
| L26K | bazu=113,SNR=59 | | S | S | 09 15 15.6 | +3.6 | MCK | McKinley | 72.59 335 | P | P | 09 06 18.5 | +0.3 | ZHG | SNR=14 | | | P | P | 09 06 28.8 | +0.9 |
| MID | Middleton Isla | 70.03 331 | IAMS_20 | IAMS_20 | 09 35 43.1 | | MCK | bazu=108,SNR=67 | | S | S | 09 15 43.0 | +0.8 | COLD | Coldfoot | 74.18 | 338 | P | P | 09 06 28.6 | +1.2 |
| MID | comp=Z,7um,20.0s | | | | | | | | | | | | | | | | | | | | |

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like ES14, ES17, ES13, etc.

Table with columns: FIGM, Fiquig, SNR, and other technical details. Includes stations like CART, GDLE, LRW, LMK, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like NB2, NB2, NOA, etc.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like BRG, KRCR, KRUC, and various local and national channels.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like KRUC, KRUC, KRUC, and various local and national channels.

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like KOLS, KOLS, KOLS, and various local and national channels.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SCZT, CHKT, MASBT, SSPT, TSMG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NDT, TWC, ENTT, NSTT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CACAO, CDM, RIMA, etc.

| | | | | | | |
|-------|-------------------------------------------|-------------------|---------|---------|------------|------|
| YAK | Yakutsk | 19.58 318c | iP | P | 09 56 25.2 | -2.4 |
| YAK | BMAR | | eS | S | 10 00 03.1 | -2.6 |
| YAK | YAK | comp=Z,231nm,0.8s | | pmax | | |
| YAK | comp=N,21nm,0.9s | | | pmax | | |
| YAK | comp=E,108nm,1.0s | | | pmax | | |
| YAK | comp=Z,107nm,1.2s | | | pmax | | |
| YAK | comp=N,46nm,1.4s | | | pmax | | |
| YAK | comp=E,71nm,1.2s | | | smax | | |
| YAK | comp=N,146nm,1.5s | | | smax | | |
| YAK | comp=E,163nm,1.6s | | | smax | | |
| YAK | Yakutsk | 19.58 318 | P | IAMB | 09 56 25.3 | -2.4 |
| YAK | comp=Z,336nm,0.8s | | | IAMB | 09 56 26.7 | |
| MJAR | Matsushiro Arr | 19.94 234 | P | P | 09 56 31.8 | -0.1 |
| MJAR | comp=Z,0.6nm,0.3s,baz=27,slo=11,SNR=125 | | | | | |
| MJB9 | Matsu-Tunnel | 19.94 234 | IAMB | IAMB | 09 57 24.6 | |
| MAJO | Matsushiro | 19.94 234c | iP | P | 09 56 30.9 | -0.9 |
| MAJO | Matsushiro | 19.94 234 | IAMB | IAMB | 09 56 31.0 | -0.9 |
| MAJO | comp=Z,197nm,1.0s | | | IAMB | 09 56 33.7 | |
| MAT | Matsushiro | 19.94 234 | P | P | 09 56 31.3 | -0.5 |
| MAT | Mudanjiang | 20.12 265 | eS | S | 10 00 13.4 | +0.1 |
| MDJ | | | | | 09 56 30.9 | -2.8 |
| MDJ | | | | | 09 56 42.5 | -2.4 |
| MDJ | | | | | 10 00 14.7 | -2.1 |
| MDJ | comp=Z,46nm,1.0s | | | pmax | | |
| MDJ | comp=Z,610nm,7.6s | | | LR | | |
| MDJ | comp=Z,17um,19.9s | | | LR | | |
| MDJ | comp=Z,10um,19.9s | | | LR | | |
| JGF | Kuroka | 21.10 234 | P | P | 09 56 44.5 | +0.1 |
| JSG | Sagara | 21.41 231 | IAMB | IAMB | 09 56 53.2 | |
| INU | comp=Z,300nm,0.9s | | | | | |
| INU | Inuyama | 21.47 234 | P | P | 09 56 47.8 | -0.5 |
| INU | comp=Z,177nm,0.8s | | | | 09 56 52.9 | |
| JHJ2 | Mitsune | 21.90 225 | sP | P | 09 57 07.1 | -2.6 |
| JHJ | Hachioji jima 2 | 21.91 225 | P | P | 09 57 07.7 | +0.7 |
| CN2 | Changchun | 23.14 266 | eP | P | 09 57 01.4 | -4.5 |
| CN2 | comp=Z,221nm,0.9s,baz=96,slo=5.6,SNR=7.4 | | | pmax | | |
| TNA | Tin City | 23.17 36 | P | P | 09 57 07.2 | +1.2 |
| TNA | comp=Z,30nm,1.3s | | | | | |
| TNA | Tin City | 23.17 36 | P | P | 09 57 07.6 | +1.6 |
| TNA | Nome | 23.79 39 | P | P | 09 57 13.8 | +1.9 |
| ANM | Nome | 23.79 39 | P | P | 09 57 13.8 | +1.9 |
| ANM | Nome | 23.79 39 | P | P | 09 57 14.0 | +2.1 |
| JHS | Saijiyo | 23.83 240 | IAMB | IAMB | 09 57 15.3 | |
| JMN | Monobe | 24.37 236 | P | P | 09 57 19.3 | +1.8 |
| JMN | Hailar | 24.71 283 | IAMS_20 | IAMS_20 | 09 57 21.9 | +4.3 |
| JMN | comp=Z,22um,21.0s | | | | 10 00 08.5 | |
| KSRS | Korea Arr | 25.16 251 | P | P | 09 57 25.4 | +0.9 |
| KSRS | comp=Z,47nm,0.8s,baz=48,slo=7.7,SNR=100 | | | | | |
| KSRS | comp=Z,6.9nm,1.0s,baz=195,slo=0.5,SNR=9.0 | | | PcP | 10 00 57.8 | +0.6 |
| KS19 | Wonju Array Si | 25.16 251 | P | P | 09 57 25.6 | +1.0 |
| TIXI | Tiksi | 25.21 339c | iP | P | 09 57 23.0 | -1.7 |
| TIXI | comp=Z,837nm,1.0s | | | pmax | | |
| TIXI | Tiksi | 25.21 339 | P | IAMB | 09 57 23.1 | -1.7 |
| TIXI | comp=Z,172nm,0.9s | | | IAMB | 09 57 24.8 | |
| RDOG | Red Dog Mine | 26.01 33 | P | P | 09 57 33.2 | +1.2 |
| RDOG | | | | | 09 57 33.4 | +1.4 |
| TJN | Taejon | 26.20 250i | eP | P | 09 57 34.6 | +0.6 |
| JTU | Tsushima | 26.28 244 | P | IAMB | 09 57 36.8 | +2.1 |
| JTU | comp=Z,134nm,1.0s | | | | 09 57 38.4 | |
| JNU | Nakatsue | 26.46 240 | P | P | 09 57 37.4 | +1.0 |
| JNU | comp=Z,208nm,0.9s,baz=31,slo=5.2,SNR=38 | | | | | |
| BOD | Bodaibo | 26.62 304 | eP | P | 09 57 35.5 | -2.1 |
| BOD | comp=Z,31nm,1.4s | | | pmax | | |
| TTA | Tatalina | 27.50 45 | P | P | 09 57 47.0 | +1.5 |
| TTA | comp=Z,22nm,1.0s | | | pmax | | |
| TTA | Tatalina | 27.50 45 | P | P | 09 57 47.0 | +1.5 |
| SWW2 | Sparrevohn | 27.59 49 | P | P | 09 57 48.1 | +2.0 |
| DL2 | Dalian | 28.17 260 | P | P | 09 57 49.9 | -1.8 |
| DL2 | comp=Z,17nm,1.0s | | | pmax | | |
| A21K | Barrow | 29.30 28 | P | P | 09 58 01.7 | +0.4 |
| A21K | comp=Z,249,SNR=11 | | | | | |
| CNPM | China Poot | 29.78 52 | P | IAMB | 09 58 05.8 | 0.0 |
| CNPM | comp=Z,22nm,1.0s,baz=64,slo=3.4,SNR=9.1 | | | IAMB | 09 59 12.2 | |
| MLY | Manley | 30.00 41 | P | P | 09 58 08.9 | +1.1 |
| MLY | comp=Z,230nm,1.8s | | | | | |
| TRF | Thorofare Moun | 30.12 44 | P | P | 09 58 10.1 | +1.2 |
| TRF | comp=Z,266,SNR=5.8 | | | pP | 09 58 15.8 | -5.1 |
| O22K | Cooper Landing | 30.46 50 | P | P | 09 58 12.5 | +0.8 |
| O22K | comp=Z,274 | | | | | |
| COLD | Coldfoot | 30.46 37 | P | P | 09 58 12.3 | +0.7 |
| COLD | comp=Z,262,SNR=27 | | | | | |
| COLD | Coldfoot | 30.46 37 | P | P | 09 58 12.8 | +1.1 |
| I23K | Minto, Yukon-K | 30.60 41 | P | P | 09 58 13.6 | +0.8 |
| I23K | comp=Z,267,SNR=7.5 | | | | | |
| NEA2 | Nenana | 30.69 42 | P | P | 09 58 14.8 | +1.1 |
| MCK | McKinley | 30.73 44 | P | P | 09 58 14.6 | +0.5 |
| MCK | comp=Z,268,SNR=6.7 | | | | | |
| RND | Reindeer | 30.77 45 | P | P | 09 58 15.2 | +0.7 |
| RND | comp=Z,270,SNR=5.8 | | | pmax | | |
| RND | Reindeer | 30.77 45 | P | P | 09 58 15.2 | +0.7 |
| RND | comp=Z,31nm,0.9s | | | | | |
| TOLK | Toolik Lake Re | 30.91 34 | P | P | 09 58 16.5 | +0.9 |
| TOLK | comp=Z,261,SNR=22 | | | | | |
| TOLK | Toolik Lake Re | 30.91 34 | P | P | 09 58 16.9 | +1.3 |
| BJI | Beijing | 31.01 267 | P | P | 09 58 20.7 | +4.0 |
| BJI | comp=Z,11nm,0.5s | | | pmax | | |
| BJT | Baijiatou | 31.02 267 | IAMS_20 | IAMS_20 | 10 10 34.1 | |
| BJT | comp=Z,9,um,22.0s | | | | | |
| SML | Sawmill | 31.05 48 | IAMB | IAMB | 09 58 18.7 | |
| SML | comp=Z,58nm,0.7s | | | | | |
| MDM | Murphy Dome | 31.07 42 | P | P | 09 58 18.2 | +1.2 |
| TCOL | CIGO, UAF Yank | 31.22 42 | P | P | 09 58 19.6 | +1.2 |
| TCOL | comp=Z,269,SNR=11 | | | | | |
| COLA | College | 31.22 42c | iP | P | 09 58 19.2 | +0.8 |
| COLA | comp=Z,44nm,1.0s | | | pmax | | |
| COLA | College | 31.22 42 | P | P | 09 58 19.9 | +1.6 |
| H11N2 | WAKE ISLAND Hy | 31.26 164 | T | T | 10 32 11.9 | |
| H11N3 | WAKE ISLAND Hy | 31.28 164 | T | T | 10 32 11.4 | |
| H11N3 | comp=Z,348,slo=76,SNR=164 | | | | | |
| H11N1 | WAKE ISLAND Hy | 31.28 164 | T | T | 10 32 13.9 | |
| H11N1 | comp=Z,348,slo=76,SNR=230 | | | | | |
| POKR | Poker Plat Res | 31.41 41 | P | P | 09 58 21.2 | +1.1 |
| POKR | comp=Z,269,SNR=13 | | | | | |
| POKR | Poker Plat Res | 31.41 41 | P | P | 09 58 21.5 | +1.5 |
| POKR | comp=Z,269,SNR=13 | | | IAMB | 09 58 22.7 | |
| HDA | Harding Lake | 31.61 43 | P | P | 09 58 21.8 | 0.0 |
| HDA | comp=Z,270,SNR=11 | | | | | |
| ILAR | Harding Lake | 31.61 43 | P | P | 09 58 22.6 | +0.8 |
| ILAR | Eielson Array | 31.64 42 | P | P | 09 58 22.5 | +0.5 |
| ILAR | comp=Z,8.0nm,0.8s,baz=255,slo=8.0,SNR=47 | | | | | |
| ILAR | comp=Z,3.1nm,0.8s,baz=283,slo=3.2,SNR=5.7 | | | PcP | 10 01 12.0 | -0.8 |
| ILAR | comp=Z,3.1nm,0.8s,baz=283,slo=3.2,SNR=5.7 | | | P3KPBc | 10 29 56.6 | |
| H11S1 | WAKE ISLAND Hy | 32.43 165 | T | T | 10 33 38.9 | |
| H11S1 | comp=Z,349,slo=76,SNR=241 | | | | | |
| H11S3 | WAKE ISLAND Hy | 32.44 165 | T | T | 10 33 39.7 | |
| H11S3 | comp=Z,349,slo=76,SNR=182 | | | | | |
| H11S2 | WAKE ISLAND Hy | 32.44 165 | T | T | 10 33 38.0 | |
| H11S2 | comp=Z,349,slo=76,SNR=182 | | | | | |

| | | | | | | |
|-------|-------------------------------------------|------------|------|---------|------------|------|
| BMAR | Burnt Mountain | 32.65 37 | P | P | 09 58 30.4 | -0.5 |
| BMAR | comp=Z,349,slo=76,SNR=160 | | | PcP | 10 01 16.5 | +0.9 |
| N25K | Chitina, Valde | 32.84 48 | P | P | 09 58 33.5 | +0.7 |
| DOT | Dot Lake | 32.90 44 | P | P | 09 58 33.6 | +0.4 |
| DOT | comp=Z,274,SNR=11 | | | pP | 09 58 45.0 | -0.2 |
| SCRK | Sand Creek | 32.92 43 | P | P | 09 58 33.4 | 0.0 |
| ULN | Ulanbaatar | 33.09 286i | eP | P | 09 58 33.7 | -1.4 |
| ULN | comp=Z,1.7nm,0.8s | | | pmax | | |
| ULN | Ulanbaatar | 33.09 286 | P | P | 09 58 33.9 | -1.3 |
| ULN | comp=Z,14um,21.0s | | | IAMS_20 | 10 10 45.2 | |
| L26K | Log Cabin Wild | 33.27 45 | P | P | 09 58 37.0 | +0.6 |
| L26K | comp=Z,276 | | | | | |
| SOMNI | Songino Array | 33.50 286 | P | P | 09 58 36.9 | -1.8 |
| SOMNI | comp=Z,4.8nm,0.6s,baz=75,slo=7.4,SNR=32 | | | PcP | 10 01 18.7 | +0.3 |
| HHC | Hu-ho-hao-te | 33.52 272 | eP | P | 09 58 40.3 | +1.4 |
| HHC | comp=Z,6.9nm,0.8s,baz=170,slo=2.6,SNR=9.3 | | | PcP | 10 01 18.7 | +0.3 |
| HHC | comp=Z,8.0nm,1.0s | | | pmax | | |
| HHC | comp=Z,1.0um,5.3s | | | pmax | | |
| CRQM | Cirque | 33.65 49 | IAMB | IAMB | 09 58 43.1 | |
| CRQM | comp=Z,57nm,1.0s | | | | | |
| TLY | Talaya | 33.73 294c | iP | P | 09 58 39.5 | -1.0 |
| TLY | comp=Z,77nm,1.0s | | | pmax | | |
| TLY | TLaya | 33.73 294 | P | MLR | 09 58 40.3 | -0.2 |
| TLY | comp=Z,9um,17.0s | | | MLR | 09 58 41.5 | |
| TLY | TLaya | 33.73 294 | P | IAMB | 09 58 41.5 | |
| TLY | comp=Z,72nm,0.9s | | | | | |
| K27K | Chicken | 33.75 43 | P | P | 09 58 41.2 | +0.7 |
| K27K | comp=Z,61nm,1.1s | | | | | |
| K27K | Chicken | 33.75 43 | IAMB | IAMB | 09 58 42.9 | |
| TGL | Tana Glacier | 33.80 49 | P | P | 09 58 43.2 | +2.0 |
| BCAR | Beaver Creek A | 33.98 45 | P | P | 09 58 44.0 | +1.5 |
| ISLE | Juniper Island | 34.07 49 | IAMB | IAMB | 09 59 13.1 | |
| ISLE | comp=Z,65nm,1.3s | | | | | |
| NJ2 | Nanjing | 34.30 253 | eP | P | 09 58 45.5 | -0.1 |
| NJ2 | comp=Z,12nm,0.5s | | | pmax | | |
| YAH | Yahste | 34.40 50 | IAMB | IAMB | 09 58 49.2 | |
| YAH | comp=Z,54nm,1.0s | | | | | |
| ZAK | Zakamensk | 34.40 292 | eP | P | 09 58 45.6 | -0.9 |
| ZAK | comp=Z,65nm,1.2s | | | pmax | | |
| MOY | Mondy | 35.28 295 | eP | P | 09 58 53.4 | -0.6 |
| MOY | comp=Z,104nm,1.3s | | | pmax | | |
| EPYK | Eagle Plains | 35.78 39 | IAMB | IAMB | 09 59 00.8 | |
| EPYK | comp=Z,94nm,1.3s | | | | | |
| HYT | Haines Junctio | 36.35 48 | P | P | 09 59 05.1 | +2.0 |
| INK | Inuvik | 36.8 | | | | |

| | | | | | | | |
|-------|-------------------|-------|-----|------|-------|------------|------|
| MGMO | Mountain Grove | 73.11 | 52 | P | P | 10 03 28.7 | -0.4 |
| MGMO | comp-Z,39nm,0.9s | | | Iamb | Iamb | 10 03 30.2 | |
| MG50 | St. Veronique | 73.11 | 35 | P | PcP | 10 03 45.8 | +0.2 |
| AAM | Ann Arbor | 73.12 | 43 | P | P | 10 03 29.9 | 0.0 |
| K50A | baz=324,SNR=9.4 | 73.18 | 42 | P | P | 10 03 30.2 | +0.9 |
| LATO | La Tuque | 73.22 | 33 | P | P | 10 03 29.8 | +0.3 |
| RUE | Ruedersdorf | 73.28 | 338 | eP | P | 10 03 30.5 | +0.8 |
| RUE | Ruedersdorf | 73.28 | 338 | eP | P | 10 03 30.3 | +0.5 |
| PGBU | Glenifferbraes | 73.29 | 50 | P | P | 10 03 30.2 | +0.5 |
| PGBU | comp-Z,98nm,0.9s | | | Iamb | Iamb | 10 03 31.2 | |
| N47A | Urbana | 73.34 | 45 | Iamb | Iamb | 10 03 31.4 | |
| Q44A | Meyer Farm, Va | 73.35 | 49 | Iamb | Iamb | 10 03 32.2 | |
| FVM | French Village | 73.39 | 50 | Iamb | Iamb | 10 03 32.4 | |
| H53A | Bobcaygeon | 73.39 | 39 | P | P | 10 03 30.3 | -0.3 |
| D58A | Chemin du LacG | 73.42 | 34 | P | P | 10 03 31.1 | +0.3 |
| Z35A | Perchaven, Sn | 73.43 | 58 | P | P | 10 03 29.7 | -1.3 |
| Z35A | comp-Z,49nm,1.1s | | | Iamb | Iamb | 10 03 32.6 | |
| U40A | Yellville | 73.43 | 53 | P | P | 10 03 31.2 | +0.2 |
| U40A | Yellville | 73.43 | 53 | P | P | 10 03 30.7 | -0.3 |
| HPG | | 73.44 | 68 | P | P | 10 03 31.9 | +0.5 |
| SIM | Simferopol' | 73.46 | 322 | eP | P | 10 03 29.2 | -1.8 |
| ES7A | Chemin Saint G | 73.55 | 35 | P | P | 10 03 31.7 | +0.2 |
| TRQ | Mont Tremblant | 73.56 | 35 | P | P | 10 03 31.5 | -0.2 |
| PLVO | Plevna | 73.60 | 37 | Iamb | Iamb | 10 03 32.7 | |
| ESK | Eskdalemuir | 73.62 | 349 | eP | P | 10 03 32.1 | +0.4 |
| P45A | Rosedale | 73.65 | 47 | P | P | 10 03 32.0 | +0.8 |
| KIS | Kishinev | 73.71 | 327 | iP | P | 10 03 31.8 | +0.6 |
| KIS | comp-Z,200nm,0.8s | | | | | | |
| KIS | Kishinev | 73.71 | 327 | ePP | PP | 10 06 29.0 | +1.2 |
| KIS | | | | eS | SKIKP | 10 12 56.0 | -1.0 |
| KIS | | | | iP | SKIKP | 10 03 31.9 | +0.6 |
| KIS | | | | eS | SKIKP | 10 12 56.0 | -1.0 |
| KIS | comp-Z,200nm,0.8s | | | | | | |
| OJC | Ojcow | 73.76 | 334 | iP | P | 10 03 33.1 | +0.4 |
| WMLM | Milestii Mici | 73.78 | 327 | iP | P | 10 03 32.0 | +0.8 |
| W39A | Magazine | 73.85 | 54 | P | P | 10 03 34.0 | +0.6 |
| W39A | baz=321,SNR=9.8 | | | | | | |
| W39A | Magazine | 73.85 | 54 | P | P | 10 03 33.6 | +0.2 |
| D59A | comp-Z,46nm,1.1s | | | Iamb | Iamb | 10 03 35.2 | |
| D59A | Saint-Raymond | 73.87 | 33 | P | P | 10 03 33.5 | +0.2 |
| E58A | La Victoria | 73.90 | 34 | P | P | 10 03 33.8 | +0.2 |
| FITZ | baz=329,SNR=27 | 73.92 | 212 | P | P | 10 03 33.8 | 0.0 |
| NEWG | Fitzro | 73.94 | 250 | eP | P | 10 03 32.9 | -0.7 |
| NEWG | New Galloway | 73.94 | 250 | eP | Iamb | 10 03 33.9 | |
| IAS | comp-Z,58nm,1.0s | | | last | | 10 03 33.9 | -0.1 |
| E59A | St. Maurice | 74.08 | 34 | P | P | 10 03 34.9 | +0.4 |
| NRDL | Niedersach Rie | 74.09 | 340 | eP | P | 10 03 35.0 | +0.5 |
| M50A | Fremont | 74.11 | 43 | P | P | 10 03 34.6 | -0.3 |
| F58A | St-Lin Laurent | 74.14 | 35 | P | P | 10 03 35.0 | +0.2 |
| KSP | Ksiaz | 74.15 | 336 | iP | P | 10 03 35.3 | +0.3 |
| KOLS | Kolonickie sedl | 74.18 | 332 | eP | P | 10 03 35.0 | -0.1 |
| KOLS | comp-Z,110nm,1.1s | | | | | | |
| KOLS | Kolonickie sedl | 74.18 | 332 | eP | P | 10 03 35.0 | -0.1 |
| JCT | Junction City | 74.18 | 61 | P | P | 10 03 36.4 | +0.9 |
| JCT | Junction City | 74.18 | 61 | P | P | 10 03 36.0 | +0.5 |
| GAL1 | Galloway | 74.24 | 350 | eP | P | 10 03 35.8 | +0.4 |
| D60A | Saint Jean D'O | 74.27 | 33 | P | P | 10 03 36.0 | +0.3 |
| D61A | St Aubert, Com | 74.27 | 32 | P | P | 10 03 36.2 | +0.5 |
| PRAR | RASCA | 74.29 | 328 | iP | P | 10 03 35.3 | -0.5 |
| ASSE | Asse, Remlinge | 74.31 | 340 | eP | P | 10 03 35.9 | +0.1 |
| BLO | Bloomington | 74.33 | 47 | Iamb | Iamb | 10 03 37.6 | |
| KESW | comp-Z,46nm,0.8s | | | | | | |
| KESW | Keswick, Cumber | 74.33 | 349 | eP | Iamb | 10 03 36.5 | +0.7 |
| PBMO | Poplar Bluff | 74.33 | 51 | P | P | 10 03 36.5 | +0.3 |
| NIE | Niedzica | 74.33 | 333 | eP | P | 10 03 37.0 | +0.9 |
| WHTX | Lake Whitney, | 74.34 | 59 | Iamb | Iamb | 10 03 37.3 | +1.0 |
| WHTX | comp-Z,57nm,1.0s | | | | | | |
| G57A | Newington | 74.35 | 36 | P | P | 10 03 36.0 | -0.2 |
| KTUT | Trabzon | 74.35 | 316 | iP | P | 10 03 36.2 | 0.0 |
| VASR | Vaslui | 74.38 | 327 | iP | P | 10 03 36.6 | +0.3 |
| BURAR | Bucovina Array | 74.41 | 329 | iP | P | 10 03 36.7 | +0.1 |
| BURAR | Bucovina Array | 74.41 | 329 | iP | P | 10 03 36.2 | -0.4 |
| OSTC | Ostas | 74.43 | 336 | eP | P | 10 03 36.9 | +0.3 |
| UZH | Uzhgorod | 74.44 | 331 | eP | P | 10 03 36.1 | -0.5 |
| CHVC | Chvaley | 74.45 | 336 | eP | P | 10 03 37.1 | +0.4 |
| CRVS | Cervenica-Dubn | 74.45 | 332 | eP | P | 10 03 36.7 | 0.0 |
| CRVS | comp-Z,123nm,0.9s | | | | | | |
| CRVS | Cervenica-Dubn | 74.45 | 332 | ePP | PP | 10 06 27.8 | +5.0 |
| MIAR | Mount Ida | 74.46 | 54 | P | P | 10 03 37.7 | +0.8 |
| MIAR | Mount Ida | 74.46 | 54 | Iamb | Iamb | 10 03 38.9 | |
| O49A | Covington | 74.52 | 45 | Iamb | Iamb | 10 03 38.7 | |
| F59A | Saint Guillaume | 74.52 | 34 | P | P | 10 03 37.9 | +0.7 |
| UPC | Upice | 74.53 | 336 | eP | P | 10 03 37.6 | +0.4 |
| UPC | Upice | 74.53 | 336 | eP | P | 10 03 37.6 | +0.4 |
| CLL | Collim | 74.55 | 338 | iP | P | 10 03 37.3 | +0.1 |
| CLL | comp-Z,35nm,1.0s | | | | | | |
| CLL | Collim | 74.55 | 338 | iP | P | 10 03 37.3 | +0.1 |
| CLL | comp-Z,200nm,1.1s | | | | | | |
| CLL | Collim | 74.55 | 338 | eP | P | 10 03 37.4 | +0.2 |
| M51A | Elyria | 74.55 | 43 | P | P | 10 03 37.9 | +0.5 |
| WHAR | Woolly Hollow | 74.55 | 53 | Iamb | Iamb | 10 03 39.8 | |
| PECO | Prince Edward | 74.55 | 38 | P | P | 10 03 36.9 | -0.4 |
| E60A | comp-Z,72nm,0.8s | | | | | | |
| OKC | Ste Agathe de | 74.56 | 33 | P | P | 10 03 37.9 | +0.6 |
| OKC | Ostrava-Krasne | 74.57 | 334 | eP | P | 10 03 38.2 | +0.8 |
| OKC | Ostrava-Krasne | 74.57 | 334 | eP | P | 10 03 38.2 | +0.8 |
| DPC | Dobruska-Polom | 74.59 | 336 | eP | P | 10 03 38.3 | +0.7 |
| P48A | Milroy | 74.60 | 46 | P | P | 10 03 38.7 | +0.7 |
| P48A | comp-Z,88nm,0.8s | | | Iamb | Iamb | 10 03 39.0 | |
| CLZ | Clausthal | 74.65 | 340 | eP | P | 10 03 38.1 | +0.3 |
| G58A | Ormistown | 74.66 | 35 | P | P | 10 03 38.0 | +0.0 |

| | | | | | | | |
|-------|-----------------------------------|-------|-----|------|------|------------|------|
| W41B | Gary Mavity, V | 74.66 | 53 | P | P | 10 03 38.4 | +0.3 |
| W41B | comp-Z,81nm,1.0s | | | Iamb | Iamb | 10 03 39.9 | |
| BIZ | Gary Mavity, V | 74.66 | 53 | P | P | 10 03 38.4 | +0.3 |
| Z38A | Mt. Pleasant | 74.70 | 56 | Iamb | Iamb | 10 03 39.3 | +0.1 |
| GOA | comp-Z,55nm,0.8s | | | | | | |
| BRG | Bergsiesshubel | 74.71 | 276 | eP | P | 10 03 39.1 | +0.4 |
| BRG | comp-Z,100nm,1.2s | | | | | | |
| BRG | Bergsiesshubel | 74.72 | 337 | iP | P | 10 03 38.4 | +0.2 |
| BRG | comp-Z,100nm,1.3s | | | | | | |
| BRG | Bergsiesshubel | 74.72 | 337 | eP | P | 10 03 38.6 | +0.4 |
| BRG | comp-Z,50nm,1.0s, baz=21,slow=5.8 | | | | | | |
| F60A | Warwick | 74.72 | 34 | P | P | 10 03 54.0 | +2.2 |
| KRLC | Krailky | 74.72 | 335 | eP | P | 10 03 38.4 | +0.1 |
| KRLC | Krailky | 74.72 | 335 | eP | P | 10 03 38.8 | +0.5 |
| H57A | Richville | 74.73 | 37 | P | P | 10 03 38.1 | -0.3 |
| USIN | University of | 74.74 | 48 | P | P | 10 03 39.3 | +0.7 |
| HPK | Haverah Park | 74.75 | 348 | eP | Iamb | 10 03 38.8 | +0.5 |
| HPK | comp-Z,96nm,0.9s | | | | | | |
| BIR | Birad | 74.76 | 327 | iP | P | 10 03 39.2 | +0.7 |
| IBBN | Ibbenburen | 74.76 | 342 | P | P | 10 03 39.1 | +0.7 |
| MORC | Moravsky Berou | 74.79 | 335 | iP | P | 10 03 39.5 | +0.7 |
| MORC | Moravsky Berou | 74.79 | 335 | iP | P | 10 03 39.4 | +0.7 |
| LANS | Liptovska Anna | 74.82 | 333 | eP | P | 10 03 40.3 | +1.4 |
| LANS | comp-Z,165nm,0.9s | | | | | | |
| LANS | Liptovska Anna | 74.82 | 333 | eP | P | 10 03 40.3 | +1.4 |
| FBE | Freiberg | 74.82 | 338 | eP | P | 10 03 39.2 | +0.4 |
| E61A | Lac Etchemin | 74.84 | 33 | P | P | 10 03 39.2 | +0.1 |
| ERPA | Erie | 74.84 | 41 | P | P | 10 03 39.8 | +0.7 |
| ERPA | baz=326,SNR=19 | | | | | | |
| L53A | Girard | 74.86 | 41 | P | P | 10 03 39.5 | +0.4 |
| P49A | Miami Univ. Ec | 74.87 | 46 | P | P | 10 03 39.5 | +0.2 |
| P49A | comp-Z,93nm,1.0s | | | Iamb | Iamb | 10 03 40.7 | |
| PVCC | Panska Ves | 74.88 | 337 | eP | P | 10 03 39.9 | +0.7 |
| PVCC | Panska Ves | 74.88 | 337 | eP | P | 10 03 39.9 | +0.7 |
| TESR | Tescan | 74.89 | 328 | iP | P | 10 03 39.1 | -0.2 |
| X40A | Basin Creek Fa | 74.92 | 54 | P | P | 10 03 40.0 | +0.5 |
| LONY | Lake Ozonia | 74.91 | 36 | P | P | 10 03 39.2 | -0.2 |
| LONY | Lake Ozonia | 74.91 | 36 | Iamb | Iamb | 10 03 40.2 | |
| BMR | Baia Mare | 74.91 | 330 | iP | P | 10 03 39.6 | +0.2 |
| NEUB | Neuenburg | 74.92 | 339 | eP | P | 10 03 40.1 | +0.7 |
| PEMHO | Penman | 74.93 | 51 | P | P | 10 03 40.8 | +0.9 |
| VARL | Varlez | 75.00 | 33 | iP | P | 10 03 40.6 | +0.7 |
| E62A | Clayton Lake | 75.00 | 32 | P | P | 10 03 40.7 | +0.7 |
| E62A | Clayton Lake | 75.00 | 32 | P | P | 10 03 41.0 | +1.0 |
| T45A | Paducah | 75.02 | 50 | P | P | 10 03 41.0 | +0.9 |
| G59A | Clarenceville | 75.04 | 35 | P | P | 10 03 40.3 | +0.2 |
| F61A | St Svarich | 75.06 | 33 | P | P | 10 03 41.5 | +1.2 |
| A57A | Carthage | 75.07 | 37 | P | P | 10 03 40.1 | -0.3 |
| ACSO | Alum Creek Sta | 75.09 | 44 | P | P | 10 03 41.1 | +0.6 |
| ACSO | Alum Creek Sta | 75.09 | 44 | Iamb | Iamb | 10 03 42.2 | |
| M53A | Wi Miller and | 75.11 | 42 | P | P | 10 03 41.3 | +0.6 |
| D63A | Stockholm | 75.11 | 31 | P | P | 10 03 40.9 | +0.3 |
| KECS | Kecevo | 75.12 | 332 | eP | P | 10 03 40.7 | +0.1 |
| KECS | comp-Z,61nm,1.0s | | | | | | |
| KECS | Kecevo | 75.12 | 332 | eP | P | 10 03 40.7 | +0.1 |
| ARCR | ARCALIA | 75.15 | 329 | iP | P | 10 03 41.7 | +0.9 |
| J56A | Wolcott | 75.16 | 38 | P | P | 10 03 40.8 | -0.1 |
| WCI | Wyandotte Cave | 75.19 | 47 | P | P | 10 03 41.7 | +0.6 |
| WCI | Wyandotte Cave | 75.19 | 47 | P | P | 10 03 42.0 | +0.9 |
| WCI | comp-Z,150nm,0.9s | | | | | | |
| WCI | Wyandotte Cave | 75.19 | 47 | P | P | 10 03 42.0 | +0.9 |
| WCI | Wyandotte Cave | 75.19 | 47 | P | P | 10 03 42.2 | +0.9 |
| H59A | Cadyville | 75.22 | 36 | P | P | 10 03 40.9 | -0.3 |
| GIUM | Giugliulesti | 75.23 | 326 | iP | P | 10 03 41.6 | +0.4 |
| H58A | Gabriels | 75.23 | 36 | P | P | 10 03 41.2 | -0.1 |
| TLCR | Ladybower, Pea | 75.27 | 326 | iP | P | 10 03 41.4 | 0.0 |
| LBWR | Masonville | 75.31 | 34 | P | P | 10 03 42.0 | +0.4 |
| G60A | Masonville | 75.33 | 34 | P | P | 10 03 42.2 | +0.3 |
| PRA | Prague | 75.34 | 337 | eP | P | 10 03 42.7 | +0.9 |
| PRA | Prague | 75.34 | 337 | eP | P | 10 03 42.7 | +0.9 |
| WLAR | White Oak Lake | 75.36 | 55 | P | P | 10 03 42.6 | +0.4 |
| PETR | Petresti | 75.37 | 327 | iP | P | 10 03 42.6 | +0.6 |
| PRU | Prunice | 75.39 | 337 | eP | P | 10 03 42.5 | +0.4 |
| J57A | Williamstown | 75.39 | 38 | P | P | 10 03 43.5 | +1.1 |
| J57A | Williamstown | 75.39 | 38 | P | P | 10 03 42.4 | +0.2 |
| J57A | Williamstown | 75.39 | 38 | Iamb | Iamb | 10 03 44.0 | |
| ODBI | Odobesti | 75.39 | 327 | iP | | | |

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| | | | | | | |
|-----------------------|-------|-----|------|-----|------------|------|
| MRL Marmol | 2.47 | 61 | eP | Pn | 10 54 28.0 | +0.9 |
| MRL | | | eS | Sn | 10 55 01.8 | +5.5 |
| TACO Tacachico | 2.49 | 87 | eP | Pn | 10 54 26.1 | -1.0 |
| TACO | | | eS | Sn | 10 54 58.9 | +2.6 |
| TACO Tacachico | 2.49 | 87 | eP | Pn | 10 54 26.1 | -1.0 |
| TACO | | | eS | Sn | 10 54 58.9 | +2.6 |
| MTQ3 Montecristo | 2.53 | 78 | eP | Pn | 10 54 26.9 | -0.9 |
| ESQ1 Esquipulas | 2.59 | 74 | Pn | Pn | 10 54 27.6 | -0.9 |
| SNET Serv Nac Est T | 2.61 | 94 | Pn | Pn | 10 54 27.0 | -1.9 |
| OPAM Oficina de Pla | 2.65 | 93 | eP | Pn | 10 54 29.9 | +0.6 |
| OPAM | | | eS | Sn | 10 55 02.2 | +2.0 |
| OPAM | | | IAML | | 10 55 10.6 | |
| OPAM Oficina de Pla | 2.65 | 93 | eP | Pn | 10 54 29.9 | +0.6 |
| OPAM | | | eS | Sn | 10 55 02.2 | +2.0 |
| OPAM | | | IAML | | 10 55 10.6 | |
| PAVA Las Pavas | 2.90 | 96 | eP | Pn | 10 54 32.4 | -0.4 |
| PAVA | | | eS | Sn | 10 55 16.5 | |
| PAVA Las Pavas | 2.90 | 93 | eP | Pn | 10 54 32.4 | -0.4 |
| PAVA | | | eS | Sn | 10 55 16.5 | |
| COEG Centro de Oper | 2.96 | 95 | eP | Pn | 10 54 33.6 | 0.0 |
| COEG | | | eS | Sn | 10 55 12.6 | +4.6 |
| COEG | | | IAML | | 10 55 22.2 | |
| COEG Centro de Oper | 2.96 | 95 | eP | Pn | 10 54 33.6 | 0.0 |
| COEG | | | eS | Sn | 10 55 12.6 | +4.6 |
| COEG | | | IAML | | 10 55 22.2 | |
| ALJ1 Alcaldia de J | 3.30 | 99 | eP | Pn | 10 54 38.0 | -0.1 |
| ALJ1 | | | eS | Sn | 10 55 20.6 | +4.5 |
| ALJ1 | | | IAML | | 10 55 28.5 | |
| ALJ1 Alcaldia de J | 3.30 | 99 | eP | Pn | 10 54 38.0 | -0.1 |
| ALJ1 | | | eS | Sn | 10 55 20.6 | +4.5 |
| ALJ1 | | | IAML | | 10 55 28.5 | |
| COEB Comit de Em | 3.31 | 96 | eP | Pn | 10 54 37.8 | -0.6 |
| COEB | | | eS | Sn | 10 54 37.8 | -0.6 |
| PETF Flores | 3.61 | 33 | Pn | Pn | 10 54 27.2 | +0.2 |
| CMIG Matias Romero | 4.29 | 319 | Pn | Pn | 10 54 48.2 | -3.6 |
| CMIG | | | Sn | Sn | 10 55 34.3 | -6.3 |
| CMIG | | | Lg | Lg | 10 55 51.3 | |
| TGHU Tegucigalpa,Un | 4.51 | 87 | Pn | Pn | 10 54 55.6 | +0.7 |
| MATN Matagalpa | 5.90 | 87 | Pn | Pn | 10 55 11.9 | -2.1 |
| TEJICH Tegich | 7.21 | 28 | Pn | Pn | 10 55 32.1 | +0.3 |
| TEIG Las Luntas de | 7.68 | 17 | Pn | Pn | 10 55 31.9 | -6.4 |
| JTS | | | Sn | Sn | 10 56 59.2 | -4.8 |
| JTS | | | Lg | Lg | 10 57 40.6 | |
| JTS | | | PcP | PcP | 10 55 34.9 | -3.4 |
| JTS Las Juntas de | 7.68 | 117 | Pn | Pn | 10 56 19.7 | +1.0 |
| MOIG Morelia | 10.50 | 304 | Pn | Pn | 10 57 54.1 | +1.4 |
| PLMC San Jos del P | 17.91 | 109 | eP | Pn | 10 57 50.0 | -4.3 |
| ZARCO Zaragoza, Cauc | 17.91 | 109 | eP | Pn | 10 57 58.2 | +2.3 |
| JCT Junction City | 18.06 | 338 | P | P | 10 57 56.8 | -0.7 |
| SMLC San Martn de | 18.20 | 104 | eP | Pn | 10 57 58.5 | +0.1 |
| YOTC Yotoco, Valle | 18.24 | 121 | eP | Pn | 10 58 02.0 | +1.3 |
| HPIG Washetta, Mont | 18.28 | 317 | Pn | Pn | 10 58 04.8 | +0.8 |
| 237A Guyana, Caidas | 18.33 | 349 | eP | Pn | 10 58 01.0 | +0.7 |
| GUV2C El Recreo | 18.43 | 116 | eP | Pn | 10 58 03.0 | -1.4 |
| PTBC PUERTO BERRIO, | 18.65 | 111 | eP | P | 10 57 56.8 | -6.3 |
| NORC Norcasia | 18.71 | 115 | eP | Pn | 10 58 07.3 | +3.1 |
| WHITX Lake Whitney, | 18.73 | 345 | Pn | Pn | 10 58 03.1 | -0.3 |
| 143A Socs Landring, | 18.75 | 1 | I | I | 10 58 06.6 | |
| 143A | | | I | I | 10 58 06.6 | |
| TOLC Tolima | 18.79 | 118 | eP | Pn | 10 58 06.9 | +1.7 |
| TXAR Lajitas Array | 18.85 | 327 | P | P | 10 58 05.8 | +0.2 |
| TXAR | | | PcP | PcP | 10 58 31.8 | +2.2 |
| TXAR | | | I | I | 10 58 05.9 | +0.3 |
| TX31 Lajitas Ar. Si | 18.85 | 327 | I | I | 10 58 08.6 | |
| TX31 | | | I | I | 10 58 08.6 | |
| TX32 Lajitas Array | 18.85 | 327 | P | P | 10 58 05.8 | +0.1 |
| SOTA Rioblanco | 19.10 | 126 | eP | Pn | 10 58 15.2 | +5.9 |
| PONC Cinco Dias | 19.15 | 125 | eP | Pn | 10 58 11.8 | +1.9 |
| ORTC Ortega, Tolima | 19.20 | 120 | eP | Pn | 10 57 59.3 | -9.2 |
| MIAR Paez Belcazaa | 19.20 | 123 | eP | Pn | 10 58 05.2 | -3.5 |
| Z41A Richard Creek | 19.32 | 358 | P | P | 10 58 09.1 | +0.5 |
| Z41A | | | I | I | 10 58 13.4 | |
| ROSC El Rosal | 19.53 | 116 | P | P | 10 58 12.4 | -0.1 |
| ROSC | | | I | I | 10 58 26.1 | |
| Z47A Carrollton | 19.55 | 10 | P | P | 10 58 12.1 | 0.0 |
| LRAL Lakeview Retre | 19.59 | 12 | P | P | 10 58 13.4 | +0.8 |
| LRAL | | | I | I | 10 58 18.4 | |
| WLAR White Oak Lake | 19.76 | 357 | P | P | 10 58 14.3 | 0.0 |
| WLAR | | | I | I | 10 58 20.6 | |
| 152A Santo Domingo | 19.83 | 18 | P | P | 10 58 15.2 | 0.0 |
| 152A | | | I | I | 10 58 20.6 | |
| ABTX Abilene, Hawle | 19.95 | 341 | P | P | 10 58 17.1 | +0.5 |
| CHIC Chingaza | 20.14 | 115 | eP | Pn | 10 58 19.3 | +0.1 |
| RUC1 La Rusia | 20.18 | 111 | eP | Pn | 10 58 20.0 | +0.8 |
| FLOC Florencia | 20.19 | 126 | eP | Pn | 10 58 20.1 | +0.8 |
| Y49A Blount Mountai | 20.51 | 13 | P | P | 10 58 23.8 | +1.2 |
| MIAR Mount Ida | 20.64 | 356 | P | P | 10 58 24.6 | +0.6 |
| OXF Oxford | 20.67 | 6 | P | P | 10 58 25.1 | +0.8 |
| X37A Clayton | 20.86 | 352 | I | I | 10 58 28.4 | 0.0 |
| X37A | | | I | I | 10 58 35.4 | |
| GOGV Godfrey | 20.91 | 20 | P | P | 10 58 27.2 | +0.3 |
| GOGA | | | I | I | 10 58 32.9 | |
| X48A Hartselle | 20.96 | 11 | I | I | 10 58 27.3 | -0.1 |
| X48A | | | I | I | 10 58 35.2 | |
| W41B Gary Mayvly, V | 21.21 | 359 | P | P | 10 58 31.6 | +1.6 |
| W41B | | | I | I | 10 58 37.5 | |
| WHAR Woolly Hollow | 21.33 | 359 | P | P | 10 58 31.6 | +0.3 |
| WHAR | | | I | I | 10 58 50.7 | |
| SDV Santo Domingo | 21.44 | 101 | P | P | 10 58 31.0 | -1.9 |
| SDV | | | I | I | 10 58 34.6 | +0.2 |
| MNTX Cornudas Mount | 21.62 | 327 | P | P | 10 58 36.3 | +0.2 |
| MNTX | | | I | I | 10 58 36.3 | |
| WMOK Wichita Mounta | 21.68 | 345 | P | P | 10 58 33.6 | -1.5 |
| SWET Sewanee | 21.93 | 13 | P | P | 10 58 36.6 | -1.2 |
| SWET | | | I | I | 10 59 05.6 | |
| OK025 Westminister Rd | 22.16 | 348 | P | P | 10 58 38.8 | -1.5 |
| V48A Smith Brothers | 22.25 | 11 | P | P | 10 58 40.4 | -0.8 |
| V48A | | | I | I | 10 58 41.5 | |
| MSTX Muleshoe | 22.30 | 336 | I | I | 10 58 43.0 | |
| MSTX | | | I | I | 10 58 43.0 | |
| OK031 S. Brethren Rd | 22.43 | 349 | I | I | 10 58 43.1 | |
| OK031 | | | I | I | 10 58 43.1 | |
| WVT Waverly | 22.46 | 9 | P | P | 10 58 42.3 | -1.2 |
| CPCT Cooper Cave | 22.49 | 16 | P | P | 10 58 43.3 | -0.6 |
| CPCT | | | I | I | 10 59 03.4 | |
| CLTN Cedars of Leba | 22.68 | 12 | P | P | 10 58 45.0 | -0.9 |
| TKL Tuckaleechee C | 22.90 | 17 | P | P | 10 58 46.4 | -1.6 |
| TKL | | | I | I | 10 59 08.7 | |
| T42A Van Buren | 23.07 | 2 | P | P | 10 58 47.5 | -2.3 |
| V53A Saluda | 23.07 | 2 | P | P | 10 58 50.2 | -0.9 |
| V53A | | | I | I | 10 59 12.1 | |
| U49A Red Boiling Sp | 23.21 | 13 | P | P | 10 58 49.9 | -1.3 |
| U49A | | | I | I | 10 59 00.7 | |
| 121A Cookes Peak, D | 23.56 | 325 | I | I | 10 58 58.3 | |
| 121A | | | I | I | 10 58 58.3 | |
| 319A Douglas | 23.61 | 320 | I | I | 10 58 58.3 | |
| 319A | | | I | I | 10 58 58.3 | |
| TZTN Tazewell | 23.79 | 17 | P | P | 10 58 55.8 | -0.8 |

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|-------------------------|-------|-----|---|---|------------|------|
| SIUC Southern Illin | 23.87 | 5 | P | P | 10 58 56.2 | -1.1 |
| T50A Nancy | 23.90 | 14 | P | P | 10 58 56.1 | -1.6 |
| V55A Taylorsville | 23.91 | 22 | P | P | 10 58 57.1 | -0.6 |
| V55A | | | I | I | 10 58 58.0 | |
| CCM comp=Z,17nm,1.0s | | | P | P | 10 58 57.8 | -1.6 |
| U54A Cathedral Cave | 24.09 | 1 | P | P | 10 59 00.7 | -0.6 |
| R40A Nelsons Funny | 24.30 | 20 | P | P | 10 59 00.7 | -0.6 |
| R40A Maddies Station | 24.32 | 359 | P | P | 10 58 59.7 | -0.7 |
| R40A | | | I | I | 10 59 15.2 | |
| LENM comp=Z,13nm,1.4s | | | P | P | 10 59 03.5 | +1.3 |
| ANMO Linitar | 24.38 | 329 | P | P | 10 59 06.4 | +0.8 |
| ANMO Albuquerque | 24.75 | 330 | P | P | 10 59 06.4 | +0.8 |
| ANMO | | | I | I | 10 59 06.4 | +0.8 |
| ANMO Albuquerque | 24.75 | 330 | P | P | 10 59 06.4 | +0.8 |
| ANMO | | | I | I | 10 59 09.2 | |
| WCI comp=Z,7.5nm,0.7s | | | P | P | 10 59 04.3 | -1.2 |
| WCI Wyandotte Cave | 24.77 | 11 | P | P | 10 59 07.6 | |
| WCI | | | I | I | 10 59 07.6 | |
| R32A comp=Z,14nm,0.9s | | | P | P | 10 59 07.6 | -1.7 |
| R32A Long Quarter, | 25.18 | 347 | P | P | 10 59 10.7 | |
| R32A | | | I | I | 10 59 10.7 | |
| KSU1 comp=Z,7.8nm,0.7s | | | P | P | 10 59 13.0 | |
| KSU1 Kansas State U | 25.47 | 351 | I | I | 10 59 13.0 | |
| KSU1 | | | I | I | 10 59 13.0 | |
| KSCO comp=Z,12nm,0.7s | | | P | P | 10 59 24.4 | |
| KSCO Kaye Sheddok | 26.77 | 341 | I | I | 10 59 24.4 | |
| KSCO | | | I | I | 10 59 24.4 | |
| MVCO comp=Z,22nm,1.4s | | | P | P | 10 59 33.2 | |
| MVCO Mesa Verde | 27.55 | 330 | I | I | 10 59 33.2 | |
| MVCO | | | I | I | 10 59 33.2 | |
| PV01 comp=Z,12nm,1.1s | | | P | P | 10 59 40.0 | +2.2 |
| PV01 Paradox Valley | 28.33 | 332 | I | I | 10 59 41.0 | |
| PV02 | | | I | I | 10 59 41.0 | |
| PV13 comp=Z,19nm,1.3s | | | P | P | 10 59 41.5 | |
| PV13 Radium Mtn., P | 28.46 | 331 | I | I | 10 59 41.5 | |
| PV13 | | | I | I | 10 59 41.5 | |
| PV12 comp=Z,10.0nm,1.0s | | | P | P | 10 59 42.1 | |
| PV12 Pinedale Array | 28.58 | 331 | I | I | 10 59 42.1 | |
| PV12 | | | I | I | 10 59 42.1 | |
| PV11 comp=Z,6.5nm,0.7s | | | P | P | 10 59 44.7 | |
| PV11 David Mesa, Pa | 28.60 | 331 | I | I | 10 59 44.7 | |
| PV11 | | | I | I | 10 59 44.7 | |
| PV17 comp=Z,5.7nm,0.7s | | | P | P | 10 59 42.6 | |
| PV17 East Wray Mesa | 28.63 | 331 | I | I | 10 59 42.6 | |
| PV17 | | | I | I | 10 59 42.6 | |
| PV16 comp=Z,2.9nm,1.0s | | | P | P | 10 59 42.7 | |
| PV16 Nyswonger Mesa | 28.63 | 331 | I | I | 10 59 42.7 | |
| PV16 | | | I | I | 10 59 42.7 | |

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Zefreh, Kolanjah, Damavand, Rameshah, etc.

IDC 08 11:17:01.6:1.5, 18.49Sx169.01E, h202km, 12km, mb3.8/1.7, mb1 3.9/1.7, mb1mx3.8/2.6, mbtmp4.4/1.7, Error ellipse: s-maj=16.0km s-min=11.9km az=78.0

NEIC 08 11:17:03.0:1.4, 18.51S:0.08:168.82E:0.06, h216km, 9km, mb4.4/1.7, Error ellipse: s-maj=12.2km s-min=5.4km az=210.0

ISC 08 11:17:00.9:0.6, 18.50S:0.05:169.1E:0.1, h200km, n62, e0.97/69, mb4.2/2.2, Vanuatu Islands

Main table for 407 containing station data for Vanuatu Islands, including SARAUOUT, MONT DZUMAC, NONSAVU, HONIAIRA, etc.

IDC 08 11:22:02.0:0.6, 64.52N:17.81W, h0km, mb3.7/8, mb1 4.0/9, mb1mx3.7/3.8, mbtmp3.7/8, ML4.4/1, Error ellipse: s-maj=25.8km s-min=12.0km az=20.0

REY 08 11:22:07.2, 64.67N:17.51W, h7km, mb4.4/1.7, Error ellipse: s-maj=12.2km s-min=5.4km az=210.0

Main table for 2014 DEC containing station data for various regions, including IVON, IDYV, IDYJ, IURH, IHAM, IGRF, etc.

IDC 08 11:39:48.3:2.2, 6.26S:129.66E, h0km, mb3.8/1, mb1 3.4/3, mb1mx3.3/2.4, mbtmp3.3/3, ML3.0/2, Error ellipse: s-maj=153.3km s-min=31.0km az=69.0, Banda Sea

Table for 2014 DEC containing station data for Banda Sea region, including WRA, ASAR, MKAR, etc.

IDC 08 11:51:54.0:2.2, 6.45S:153.70E, h93km, 18km, mb3.8/9, mb1 3.9/13, mb1mx3.7/3.6, mbtmp4.1/1.3, Error ellipse: s-maj=23.8km s-min=13.0km az=92.0

ISC 08 11:51:47.4:0.8, 6.49S:0.08:154.1E:0.1, h35km, n14, e1.90/17, mb4.0/9, Bougainville-Solomon Islands region

Table for 2014 DEC containing station data for Bougainville-Solomon Islands region, including KRVT, PMG, CTA, etc.

Table for 8d 12h containing station data for ASAR, STKA, FITZ, etc.

IDC 08 11:57:05.2:4.8, 36.67N:76.96E, h0km, mb3.8/2, mb1 3.8/4, mb1mx3.4/3.9, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=95.1km s-min=53.0km az=150.0, Kashmir-Xinjiang border region

Table for 8d 12h containing station data for Kashmir-Xinjiang border region, including MKAR, ZALV, FINES, etc.

IDC 08 12:09:14.0:3.9, 8.91S:122.20E, h190km, 43km, mb3.1/1, mb1 3.1/4, mb1mx2.9/3.1, mbtmp3.5/4, Error ellipse: s-maj=120.7km s-min=16.8km az=57.0, Flores region

Table for 8d 12h containing station data for Flores region, including FITZ, WRA, ASAR, MKAR, etc.

IDC 08 12:24:27.4:5.0, 36.03N:138.34E, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.4/4.3, mbtmp3.5/3, Error ellipse: s-maj=408.7km s-min=32.1km az=109.0, Eastern Honshu

Table for 8d 12h containing station data for Eastern Honshu, including ILAR, WRA, ASAR, etc.

IDC 08 12:24:53.0:2.8, 25.39S:179.18E, h512km, 28km, mb3.5/7, mb1 3.6/10, mb1mx3.3/3.9, mbtmp4.5/1.0, Error ellipse: s-maj=42.6km s-min=14.9km az=42.0

ISC 08 12:24:55.1:1.4, 25.65S:0.1x178.9E:0.1, h500km, n27, e1.95/36, mb3.9/7, South of Fiji Islands

Main table for 8d 12h containing station data for South of Fiji Islands, including GLKZ, KUZ, WIAZ, etc.

IDC 08 12:32:03.5:4.1, 31.81N:140.37E, h240km, 34km, mb2.9/3, mb1 3.0/4, mb1mx2.8/3.1, mbtmp3.4/4, Error ellipse: s-maj=217.1km s-min=26.3km az=78.0, Southeast of Honshu

Table for 8d 12h containing station data for Southeast of Honshu, including MJAR, WRA, ASAR, etc.

BEO 08 12:34:43.3:0.8, 41.97N:19.74E, h7km, 9km, ML1.9/5, TIR 08 12:34:41.6, 42.01N:19.72E, h4km, 1km, Md2.1, Northwestern Balkan Peninsula

Table for 8d 12h containing station data for Northwestern Balkan Peninsula, including PUK, BCI, BCI, etc.

8d 12h

Table with columns: PDG, Podgorica, 0.54 321, ePg, Pb, 12 34 54.0 +0.4, 12 35 02.5 +0.7, 12 34 54.6 -0.6

ROM 08 12:36:10.8±0.1, 43°31'0N, 0°00'4.12°56'0E±0'005, 110°M, Mdo.9/3, 3C, Error ellipse: s-maj=0.4km

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

2014 DEC

Table of station data for 2014 DEC with columns: FDMO, Fiordimonte, 0.47 125, AML, AML, comp=N, 478µm, 0.2s

12:51:22.7±0.9, 179S: 138°63'E, h22km, mb5.6/60, MS4.9/6, Error ellipse: s-maj=7.9km s-min=4.4km az=114.8

Table of station data for 12:51:22.7±0.9, 179S: 138°63'E, h22km, mb5.6/60, MS4.9/6, Error ellipse: s-maj=7.9km s-min=4.4km az=114.8

Code Station Name Az Phase ID Time Res ISC h m s ISC h m s ISC

Main table of station data for 12:51:22.7±0.9, 179S: 138°63'E, h22km, mb5.6/60, MS4.9/6, Error ellipse: s-maj=7.9km s-min=4.4km az=114.8

408

Main table of station data for 408 with columns: RABL, Rabaul, 13.64 100, Pn, Pn, 12 54 39.5 +1.2, 12 54 51.0 -2.2

Table with columns for station name, frequency, and signal strength. Includes stations like MBWA Marble Bar, SBUM Sibul, and various other locations.

Table with columns for station name, frequency, and signal strength. Includes stations like MAJO Matushiro, MAJ Matsumuro, and various other locations.

Table with columns for station name, frequency, and signal strength. Includes stations like CHTO Chiang Mai, CM33 Chiang Mai Arr, and various other locations.

Table with columns: GEYT, Alibeck, 83.73 308 P, 13 03 52.5 +0.5, etc. Lists various astronomical objects and their properties.

Table with columns: ZEI, Tsey, 94.81 313 eP, 13 04 42.5 -2.4, etc. Lists various astronomical objects and their properties.

Table with columns: PB01, IOPC Station P, 144.21 131, 13 10 59.0 -0.5, etc. Lists various astronomical objects and their properties.

2014 DEC

8d 13h

BUI 08:13:15.03.0.0.0.6:50S: 154:70E, h10km, mB5.5/42, mB5.0/59, Ms5.1/34, Ms7.4/8/33

IDC 08:13:15.03.0.0.5.6:46S: 154:58E, h0km, mB4.6/24, mB1.4/726, mB1mx4.6/35, mBtmp4.5/26, M4.2/22, MS4.6/25, Ms1.4/6/25, mS1mx4.6/27, Error ellipse: s-maj=17.6km

MOS 08:13:15.04.9.0.9.6:42S: 154:58E, h18km, mB5.2/36, Error ellipse: s-maj=8.3km, s-min=7.1km, az=94.6

NEIC 08:13:15.05.0.1.1.6:50S: 0:07.154:59E, h10km, 1km, mB5.0/126, Error ellipse: s-maj=13.1km, s-min=10.2km, az=37.0

DJA 08:13:15.07.0.0.6.7.3:3x15.5E, h22km, 4km, MS.3/32, mB5.0/32, mB5.4/12, MLV.6/21, Mw(B)4.9/12, Mwps.4/1

GCMT 08:13:15.12.0.0.1.6:75S: 0:01x154:55E, 0:01, h29km, MW5.4/118, Moment Tensor Solution. s87,c127, s118,c202; Duration: 1s2 Moment tensor: Scale 1017

ISC 08:13:15.05.1.0.3.6:48S: 0:04, 154:63E, 0:04, h10km, n306, s132/311, mB5.0/18, M4.7/32, 12C-10D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, ISC, h, s, ISC. Lists station information for Bougainville-Solomon Islands region.

2014 DEC

Table with columns: IATA, Airport Name, Frequency, Class, Status, and other details. Includes airports like MANUS Island, COEN, SARAOUITOU, etc.

Table with columns: IATA, Airport Name, Frequency, Class, Status, and other details. Includes airports like MSWSW Moikau Station, LTZ Lake Taylor, PLWZ Palifer, etc.

Table with columns: IATA, Airport Name, Frequency, Class, Status, and other details. Includes airports like KMI, KMI, KMI, etc.

8d 15h

Table with columns: HDC, Heredia, 2.45 327 eP, Pg, 14 14 16.6 -0.3, etc.

REN 08 14:15:54.3.2.0, 41.81'N, 0.04:119.62'W, 0.4, h4km, 7km, ML3.3/3, ML3.2/16(SEA), Error ellipse: s-maj=5.4km, s-min=3.9km, az=181.0

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

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

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

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

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

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

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

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

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

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

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

2014 DEC

Table with columns: ORDU, comp=N, 951nm, 0.6s, IAML, 14 28 21.0, etc.

Table with columns: DELI, KIRIKKALE, 1.78 231 iP, Sg, 14 27 59.5 -0.4, etc.

Table with columns: PELI, Kastamonu-Ara, 1.82 276 iP, Pn, 14 27 58.7 +0.1, etc.

Table with columns: CUDAG, Cicekdag, 1.83 215 iS, Sg, 14 28 02.5 +0.4, etc.

Table with columns: SIRAC, Yozgat, 1.85 194 iP, Pn, 14 28 00.9 -0.2, etc.

Table with columns: KURS, Kirehir-Merke, 2.44 215 iP, Pn, 14 28 12.1 -1.8, etc.

Table with columns: LIRD, Ludumlu, 2.58 242 PN, Pn, 14 28 12.8 -0.7, etc.

Table with columns: WACH, Wachi, 14.97 333 Op, ISC, 14 49 26.3 +0.3, etc.

Table with columns: WARR, Warramunga Arr, 42.80 193 P, P, 14 53 43.8 -0.7, etc.

Table with columns: WARR, Warramunga Arr, 42.81 193 P, P, 14 53 44.3 -0.5, etc.

Table with columns: WARR, Warramunga Arr, 42.81 193 P, P, 14 53 44.3 -0.5, etc.

Table with columns: WARR, Warramunga Arr, 42.81 193 P, P, 14 53 44.3 -0.5, etc.

Table with columns: WARR, Warramunga Arr, 42.81 193 P, P, 14 53 44.3 -0.5, etc.

DJA 08 14:54:45.4.1.1, 21.07'N, 145.00'E, h0km, mb3.3/3, mb1 3.8/6, mb1mx3.3/36, mbtmp3.3/3, Error ellipse: s-maj=170.8km, s-min=26.3km, az=65.0

414

IDC 08 14:56:10.1.1.2, 7.56'S, 107.59'E, h100km, 8km, mb3.6/9, mb1 3.7/9, mb1mx3.5/40, mbtmp4.0/9, Error ellipse: s-maj=35.8km, s-min=14.8km, az=55.0

ISC 08 14:56:05.5.1.0, 8.04'S, 106.06'E, h2km, 9km, n68, c1945/67, mb4.1/17, Jawa

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

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

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

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

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

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

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

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

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

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

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

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

DJA 08 14:56:03.9.0.9, 8.3'S, 107.7'E, h18km, 7km, M4.5/18, mb5.4/2, mb4.6/7, MLV4.5/18, Mw(mB)4.8/2, NEIC 08 14:56:04.5.1.8, 8.03'S, 107.23'E, h54km, 7km, mb4.3/24, Error ellipse: s-maj=11.7km, s-min=6.1km, az=127.0

8d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

KRSC 08 16:06:37.1-0.7, 54°68'N-160°39'E, h140km, 9km, ML3.9
IDC 08 16:06:39.2-9.5, 54°08'N-160°87'E, h137km, 36km, mb3.0/4,
mb1 3.3/5, mb1mx2.9/5.2, mbtmp3.3/5, Error ellipse:
s-maj=109.0km s-min=22.8km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KZV Kizimen, TUMD Tumrok D, TUMR Tumrok, etc.

IDC 08 16:32:44.1-0.8, 13°64'N-91°28'W, h0km, mb4.1/10,
mb1 4.4/12, mb1mx4.1/38, mbtmp4.1/12, ML4.0/2, MS3.6/10,
Ms1 3.6/10, ms1mx3.3/41, Error ellipse: s-maj=37.7km
s-min=14.0km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like RTAL Retalhuleu, FUG Fuego 3, PACAYAC Pacaya, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like HUEH Huehuetenango, RTR El Retiro, CEVE Cerro Verde, etc.

COEG Centro de Oper
COEG 2.49 91 eP Pn 16 33 28.5 +0.4
16 34 11.6

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

IDC 08 16:45:32.9-6.3, 5.41S-147.23E, h0km, mb3.6/3,
mb1 3.7/5, mb1mx3.5/29, mbtmp3.6/5, ML2.7/2, Error
ellipse: s-maj=96.2km s-min=44.3km az=54.0, Eastern
New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like AMTX Amarillo, AMTX Amarillo, 42A Van Buren, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like PV13 Radium Mtn., PV13 Saucer Basin, PV12 Lion Creek, etc.

IDC 08 17:02:41.4-6.2, 6.36S-154°43'E, h0km, mb3.3/3,
mb1 3.5/3, mb1mx3.2/46, mbtmp3.2/46, Error ellipse:
s-maj=187.8km s-min=43.9km az=112.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like LRM Limestone Ridge, J08A Circle Bar, LPAZ La Paz, etc.

IDC 08 17:18:49.0-2.7, 6.35S-154°25'E, h0km, mb3.5/4,
mb1 3.7/4, mb1mx3.4/36, mbtmp3.4/36, Error ellipse:
s-maj=87.9km s-min=34.8km az=108.0,
Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, TORO Torodi Arr, etc.

ICD 08 17:34:30.1±2.3, 2.19N-126.21E, h0km, mb3.9/3, mb1 3.4/3, mb1mx3.2/24, mbtmp3.2/3, Error ellipse: s-maj=188.1km s-min=28.6km az=65.0, Northern

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

ICD 08 17:46:28.8±1.7, 34.23N-25.03E, h0km, mb3.9/3, mb1 3.8/5, mb1mx3.5/28, mbtmp3.7/5, ML3.9/2, Error ellipse: s-maj=43.2km s-min=28.7km az=129.0

ATH 08 17:46:28.8, 33.96N-25.14E, h24km, ML3.1/6, Error ellipse: s-maj=3.0km s-min=2.3km az=176.0

HLW 08 17:46:32.4, 34.05N-25.46E, h21km, 1.9km, Md3.6, MI3.5 THE 08 17:46:32.2, 34.13N-25.05E, h0km, 2km, ML3.1/3, Error ellipse: s-maj=3.3km s-min=0.8km az=165.0

DDA 08 17:46:34.1, 34.51N-25.22E, h6km, 4km, ML3.2 GII 08 17:46:37.4, 34.05N-25.75E, h14km, 2km, MD3.2/2 ICD 08 17:46:30.6±1.4, 34.07N-0.04±25.18E, h0.04, h17km, 10km, n45, c149/59, mb3.9/3, Crete

Main table for station data on page 419, including stations like Sivas, Lasithi, Gavdhos, Anoyia, Neapolis, Zakros, Vamos, Denizli, Tavas, Golhisar, Antalya-Kumlucluk, Kepez, Fayoum, Jalahal, Wahaf Farafira, Kziot, Amatzia, Nahal Hemdat, Paran, Tor 2, Dakhia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HRFI Mount Harif, MBRI Mt Berech, TORO Torodi Arr, AKASG Malin Array, GERES GERES Array, TORO Torodi Arr, ARCES ARCES Array, MKAR Makanchi Array, etc.

ICD 08 17:59:47.5±5.4, 7.85N-82.74W, h0km, mb3.6/5, mb1 3.9/5, mb1mx3.6/30, mbtmp3.6/5, M5.1/2, Ms1 3.1/2, ms1mx2.8/21, Error ellipse: s-maj=176.2km s-min=36.0km az=24.0

UCR 08 17:59:49.7±1.9, 7.93N-82.85W, h5km, MD4.1, MW4.5 ICD 08 17:59:49.1±1.9, 7.95N-0.07, 82.86W, 0.06, h8km, 11km, n38, -18/45±5, mb3.6/5, 1C-2D, South of Panama

Main table for station data on page 419 (continued), including stations like Canoas, Puerto Jimenez, Volcan, San Vito, Rincon, Osa, Palmer Norte, Buenos Aires, Durika, Dominical, Perez Zeledon, Gandoca, Cerro de Muert, Rio Macho, Laguna, Batan, Heredia, JACO, Garabito, Arenal, Laguna Cedeo, Las Juntas de, COVE, Cui Cuiplapa, Ciudad Bolivar, Monteria, Cord, San Jacinto, Guyana, Recreo, Cinco Dias, Ortega, Tolima, El Real, Chic Chingaza, RUSC, Tkl, Mina Array, Yaka, Yellowknife, Eielson Array, SARC, Onkara Array, TORO Torodi Arr, etc.

NEIC 08 18:04:54.8±1.1, 6.17S-0.07-130.25E, h0.09, h162km, 2km, mb4.3/15, Error ellipse: s-maj=13.4km s-min=9.1km az=72.0

DJA 08 18:04:54.3±0.2, 6.2S-3.13E, h150km, 5km, M4.8/18, mb4.6/18, mb5.4/6, ML4.4/12, MW(MB)4.8/6, Mwp5.8/1 ICD 08 18:04:55.0±2.3, 6.16S-130.27E, h162km, 2km, mb3.8/14, mb1 3.9/18, mb1mx3.8/30, mbtmp4.1/8, Error ellipse: s-maj=21.1km s-min=10.1km az=74.0

ISC 08 18:04:53.0±0.4, 6.24S-0.04-130.28E, h0.06, h150km, n77, c160/83, mb4.2/19, Banda Sea

Main table for station data on page 419 (continued), including stations like BNDI, SAUI, MSAI, FAKI, NLAJ, SIJ, SWI, SOEI, SOE, BAKI, MMRI, EDFI, SMPI, BANG, BAY, FITZ, FITZ, TWSI, WB0, WRAB, WRA, WRA, WB2, WR0, BBI, BGI, MTKI, BLJI, PMG, PMG, AS31, AS31, ASAR, ASAR, ASAR, etc.

Main table for station data on page 419 (continued), including stations like PWJI, KKM, SBUM, CTA, CTAO, CISA, STKA, STKA, NWAO, CMAR, JWT, MAT, MJAR, KSR, LZH, LZH, LZH, LZH, HHC, HHC, USRK, TAPN, RAMN, GUN, PKI, PKIN, GKN, KOLN, DANN, ULN, ULN, SONM, WMO, PETK, MK31, MK31, MKAR, MAZK, MAZK, ZAAO, ZALV, KURK, KURK, Vnda, Vnda, NRK, ILAR, YKA, PLCA, CPUP, CPUP, LPAZ, LPAZ, etc.

PRU 08 18:20:55.4±0.0, 50.24N-18.75E, h0km, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MORC, MORC, KRCL, KRCL, DPC, DPC, etc.

BUC 08 18:22:50.1±0.3, 45.91N-27.21E, h28km, 2km, ml1.0/7, 20C-24D, Error ellipse: s-maj=3.0km s-min=2.4km az=151.0, Romania

Main table for station data on page 419 (continued), including stations like ODBI, ODBI, ODBI, ODBI, PETR, PETR, VRI, VRI, VRI, VRI, PLOR, PLOR, PLOST, PLOST, TUDR, TUDR, TUDR, TUDR, BISRR, BISRR, BISRR, TESCA, TESCA, TESCA, TESCA, NEHR, NEHR, NEHR, VASR, VASR, VASR, MLR, MLR, MLR, MILM, MILM, MILM, etc.

ICD 08 18:27:18.2±1.0, 45.89N-154.45E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/42, mbtmp3.5/7, ML2.3/1, Error ellipse: s-maj=36.7km s-min=25.3km az=97.0

ISC 08 18:27:19.4±1.0, 45.93N-0.2±154.5E, h0.11km, n14, c083/8, mb3.6/6, East of Kuril Islands

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

ISC 08 19:18:19.9,0.8,1.16N,0.07,97.14E,0.08,h35km,n52, c134/50,mb4.3/17, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

ISC 08 19:26:25.8,2.1,6.43S,154.75E,h0km,mb3.6/4, mb1 3.8/5,mb1mx3.5/45,mbtmp3.7/5,ML3.7/1,MS2.1/1, Ms1 2.1/1,ms1mx2.0/34,Error ellipse: s-maj=42.9km s-min=22.8km az=62.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Bougainville-Solomon Islands region.

WEL 08 19:46:42.0,0.8,38°S,6°18'0E,h33km,ML3.8/4, ML4.0/24,MLv3.8/24, Error ellipse: s-maj=0.0km s-min=0.0km az=26.2, Off east coast of Norfolk Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Norfolk Island.

Table with columns: MWZ, MHGZ, KNZ, SNGZ, URZ, WHRZ, WHHZ, RTZ, RAHZ, MUZ, MTHZ, OPRZ, ARHZ, TARZ, NMHZ, MKRZ, OMRZ, CKHZ, URHZ, MCHZ, BKZ, KAHZ, KWHZ, PAVZ, KHZ, PHZ, PRHZ, TMVZ, ETVZ, PNHZ, KUZ, KRZV, OTVZ, MOVZ, MWZ, MGZ, WNVZ, TSZ, DVHZ, BFZ, HIZ, PRWZ, POWZ, TMWZ, HOWZ, WCZ, KWIZ, QRZ, CTZ. Lists various seismic stations and their data points.

ISC 08 19:53:52.6,4.3,4.61S,101.70E,h0km,mb3.5/5, mb1 3.6/5,mb1mx3.3/31,mbtmp3.5/5, Error ellipse: s-maj=177.5km s-min=25.5km az=55.0, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Southern Sumatra.

NEIC 08 20:06:13.7,1.8,25°6N,0°1'125°29E,0°10, h115km,11km, mb4.4/12, Error ellipse: s-maj=21.3km s-min=9.1km az=151.0

JMA 08 20:06:14.9,0.1,25°84N,125°05E,h101km,ML2

ISC 08 20:06:15.8,2.8,25°76N,0°06,125°19E,0°10, h123km,7km, mb3.7/17, mb1 3.7/21, mb1mx3.5/48, mbtmp4.0/21, Error ellipse: s-maj=16.4km s-min=13.2km az=95.0

ISC 08 20:06:15.0,0.6,25°66N,0°06,125°19E,0°10, h123km,7km, mb3.9/19, mb4.2/26, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Southwestern Ryukyu Islands.

ISC 08 20:34:00.7,2.6,6°58S,154°21E,h0km,mb3.7/6, mb1 4.0/7,mb1mx3.8/29,mbtmp3.8/7,ML3.3/1, Error ellipse: s-maj=56.6km s-min=26.2km az=95.0

ISC 08 20:34:08.2,2.0,6°65S,0°1.154°0E,0°3,h48km,n7, n192/8, mb3.5/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for New Britain region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for various regions including ASAJ, GTA, CMAR, ULN, SONM, WMQ, PETK, MKR3, MKR1, MKAR, MAKZ, ZAAO, ZALV, KURK, WRA, GAR, CHGR, KBL, NRIK, NRIK, ASAR, ABKAR, ARU, GYEM, POKR, ILAR, ARCES, INK, FINES, AKASG, BRTR, YKA.

ISC 08 20:25:27.1,9.8,16°44S,177°43W,h377km,93km,mb3.4/6, mb1 3.6/6,mb1mx3.2/32,mbtmp4.1/6, Error ellipse: s-maj=55.7km s-min=29.7km az=132.0

NEIC 08 20:25:35.0,0.9,16°35S,0°2'177°39W,0°2,h44km,5km, mb4.3/9, Error ellipse: s-maj=30.8km s-min=25.0km az=160.0

ISC 08 20:25:34.5,1.0,16°35S,0°2'177°39W,0°2,h450km,n19, n192/21,mb4.2/12, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Fiji Islands region.

ISC 08 20:34:00.7,2.6,6°58S,154°21E,h0km,mb3.7/6, mb1 4.0/7,mb1mx3.8/29,mbtmp3.8/7,ML3.3/1, Error ellipse: s-maj=56.6km s-min=26.2km az=95.0

ISC 08 20:34:08.2,2.0,6°65S,0°1.154°0E,0°3,h48km,n7, n192/8, mb3.5/6, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for New Britain region.

ISC 08 20:54:01.2,2.7,0°08S,124°86E,h39km,23km,mb4.1/19, mb1 4.2/21,mb1mx4.0/38,mbtmp4.3/21,ML4.0/2,MS3.0/6, Ms1 3.1/6,ms1mx2.8/33, Error ellipse: s-maj=23.1km s-min=11.6km az=74.0

NEIC 08 20:54:02.2,2.2,0°11S,0°10,124°98E,0°06,h59km,8km, mb3.5/6, New Britain region

mb4.5/29, Error ellipse: s-maj=14.4km s-min=-9.4km az=174.0
DJA 08 20:54:03.0, 0.2, 0.3, 3.1, 12.5E, h73km, 3km, M4.5/19,
m85.0/6, mb4.8/13, ML4.6/19, Mw(MB)4.3/6
ISC 08 20:54:02.3, 0.4, 0.04S, 0.06E, 124.96E, 0.05, h53km, n95,
a129/95, mb4.5/36, MS2.9/3, Southern Molucca Sea

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

Table with columns: BTK, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for BTK region.

SOME 08 20:56:30.3, 40.40N, 73.53E, h5km
NMC 08 20:56:31.9, 0.7, 40.43N, 73.38E, h0km, mb4.0, mpv3.6,
Error ellipse: s-maj=5.7km s-min=2.4km az=177.0
ISU 08 20:56:32.5, 1.0, 40.40N, 73.39E, h10km
KRNET 08 20:56:32.0, 0.1, 40.40N, 73.44E, h15km, mb3.3
ISC 08 20:56:32.5, 1.2, 40.42N, 0.02, 73.45E, 0.02, h0km, m11km,
n77, a1980/123, 41C-8Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Kyrgyzstan region.

Table with columns: DZA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the DZA region.

REY 08:20:57.47, 4.64, 62N, 17.46W, h13km
NEIC 08:20:57.49, 6.2, 64, 4N, 0.2, 18.0W, 0.2, h7km, 5km,
mb4.6/31, Error ellipse: s-maj=25.9km s-min=13.0km
az=197.0

IDC 08:20:57.49, 1.0, 7.64, 36N, 17.83W, h0km, mb3.8/15,
mb1.4/0.16, mb1mx3.8/39, mbtmp3.8/16, ML4.2/1, MS3.2/5,
Ms1.3/2.5, ms1mx2.9/44, Error ellipse: s-maj=22.6km
s-min=10.1km az=22.0

ISC 08:20:57.50, 1.0, 9.64, 46N, 0.04, 17.69W, 0.03, h7km, 5km,
n111, s1556/106, mb4.2/44, MS3.3/3, IC, Iceland

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

Table with columns: KWP, ESCD, PSZ, KOLS, AKASA, NRIK, BRTR, KBZ, INK, ILAR, TIXI, KEVT, GY31, KK31, KKAR, MK31, MKAR, TORI, PDAR, AAK, BTK, CHGR, GAR, O20A, HWUT, HRA, KSH, KSH, KSH, KSH, PV14, PV11, PV13, PV05, WMQ, MVU, SOMN, WUAZ, WUAZ, NIL, HHC, HHC, LZH, LZH, LZH, KRSR, SHL, SHL, NJ2, NJ2, CMAR. Lists seismic stations and their parameters.

WEL 08:20:59.22, 6.39, S, 47.17, 5E, h252km, 5km, M2.7/29,
ML2.7/29, Error ellipse: s-maj=0.0km s-min=0.0km
az=110.2, North Island

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

Table with columns: ANWZ, TRWZ, MGZ, BFZ, PKGZ, CNZ, OGWZ, KIWI, HOWZ, HOWZ, HOWZ, DUVZ, WMGZ, MXZ, CAW, TMWZ, TMWZ, MTW, TCW, PAWZ, PAWZ, PAWZ, INBZ, BHW, PLWZ, NNZ, TUWZ, QUZ, BSWZ, THZ, KHZ, GVZ, LTZ, OKZ, MQZ, AKCZ, RACZ. Lists seismic stations and their parameters.

IDC 08:21:12.27, 2.2, 3.1, 21N, 139.15E, h0km, mb3.2/3,
mb1.3/4.4, mb1mx3.3/33, mbtmp3.2/4, ML2.5/1, Error
ellipse: s-maj=101.1km s-min=26.8km az=77.0

JMA 08:21:12.30, 7.0, 2.0, 32.15N, 140.82E, h12km, M3.6
ISC 08:21:12.20, 7.1, 4.3, 20.07N, 141.5E, 0.1, h10km, n23,
c23/23, h18, mb3.4/3, Southeast of Honshu

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

ISN 08:21:40.35, 3.0, 9.32, 90N, 47.74E, h12km, ML2.6
TEH 08:21:40.36, 0.32, 75N, 47.71E, h10km, ML2.7
ISC 08:21:40.36, 6.1, 0.32, 77N, 0.06, 47.69E, 0.04, h10km, n15,
c1509/113, Iran-Iraq border region

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

IDC 08:21:48.12, 2.0, 9.85S, 150.14E, h0km, mb4.1/11,
mb1.4/3.15, mb1mx4.1/51, mbtmp4.1/15, ML3.3/3, MS3.4/9,
Ms1.3/4.9, ms1mx3.1/33, Error ellipse: s-maj=17.7km
s-min=17.0km az=154.0

NEIC 08:21:48.16, 1.7, 9.87S, 0.09, 150.05E, 0.09, h20km, 6km,
mb4.0/9, Error ellipse: s-maj=15.1km s-min=10.2km
az=128.0

ISC 08:21:48.16, 8.0, 8.98S, 0.08, 150.1E, 0.1, h28km, n32,
c091/23, mb4.2/10, MS3.3/7, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUWI, APSI, TNL1, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H03S2, H03S1, PLCA, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BO02, MT05, PEL, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CO03, LCO, AC05, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BHW, VNA2, LBZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AML, UCH, KK31, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Station Name, Time, Res, P, I, A, M, B, S, N, R, O, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like THZ Tophouse, KHZ Kahutara, LTZ Lake Taylor, etc.

Table with columns: Station Name, Time, Res, P, I, A, M, B, S, N, R, O, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like DAVA Damuels, MYKA Tobra, FETA Feichtner, etc.

WEL 09 01:13:45.3,38'S; 177°E; h14km, 1km, M2.6/14, ML2.9/4, MLv2.6/7.4. Error ellipse: s-maj=0.0km, s-min=0.0km az=75.9. Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PUZ Puketiti, TWGZ Tauwhareparae, CNGZ Carnagh Station, etc.

MAN 09 01:14:09.9,546N:125°37'E, h34km, mb4.1, ML2.9, MS2.5, 1C, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, SKMP Bagumbayan, Su, KCMF Kigapawan, etc.

IDC 09 01:17:04.4, 1.0, 57°53'S; 147°25'W, h0km, mb3.8/5, mb4.1/0.6, mb1mx3.8/2.9, mbtrmp3.8/5, MS3.7/4, M5.1 3/7.4, ms1mx3.5/2.3, Error ellipse: s-maj=54.0km s-min=23.9km az=10.0

ISC 09 01:17:05.9, 1.2, 57°55.0'S; 147°30.0'W, h10km, n32, o=41/11, mb4.0/5, MS3.8/6, Pacific-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Vnda Vanda, RPZ Rata Peaks, TBI Tubuai, etc.

WEL 09 01:27:34.7, 37.5°S; 178°0'W; h33km, M3.6/14, ML3.9/1.9, MLv3.6/1.4, Error ellipse: s-maj=0.0km, s-min=0.0km az=26.7, East of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, MXZ Matakaoa Point, PUZ Puketiti, etc.

Table with columns: Station Name, Time, Res, P, I, A, M, B, S, N, R, O, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like KNZ Kokohu, URZ Urewera, SHGZ Shannon Station, etc.

IDC 09 01:31:05.7, 0.6, 34°58'S; 109°18'W, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.2/2.8, mbtrmp4.1/15, MS4.5/9, MS1 4.5/9, ms1mx4.2/2.9, Error ellipse: s-maj=19.7km s-min=17.7km az=142.0

NEIC 09 01:31:07.0, 8.0, 34°56.0'S; 108°9'W, 0.1, h15km, 3km, mb5.1/10.0, Error ellipse: s-maj=17.5km s-min=12.2km az=174.0

GCMT 09 01:31:09.8, 0.2, 34°83.0'S; 109°01'W, 0.02, h15km, MM5.1/11.4, Moment Tensor Solution: s53c71; s114c170; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.65±.21; Mw=0.93±.15; Ms3.09±.16; Ma=1.80±.53; Mb=-4.5±.11; Mv=2.4±.47; Best double couple: M6.36700x10^16 NP1.0x108.00000; 854.00000; λ=154.00000. NP2.0x300.00000; 870.00000; λ=39.00000. Principal axes: T 6.4150, Plg10.00000, Azm59.00000; N -0.0880, Plg47.00000, Azm155.00000; P -6.3190, Plg42.00000, Azm320.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-ratio function

BUJ 09 01:31:10.3, 0.0, 34°30.0'S; 108°70'W, h15km, mb5.5/5, MS5.8/3, MS7 5/6/5

ISC 09 01:31:07.0, 3.0, 34°53.0'S; 109°09'W, 0.09, h10km, n21, c1, r34/179, mb5.1/50, MS4.6/14, 2C-1D, Southern East Pacific Rise

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, PLCA Paso Flores, etc.

| | | | | | | | |
|-------|--------------------------------------------|-------|-----|----|---|------------|------|
| ROSC | comp-Z,695nm,21.9s,baz=238,slow=31 | 51.03 | 47 | P | P | 01 40 08.9 | -1.3 |
| CHIC | comp-Z,30nm,1.1s | 51.22 | 48 | eP | P | 01 40 12.6 | +0.9 |
| PCMB | Pacambu | 51.96 | 92 | eP | P | 01 40 16.2 | +0.6 |
| TJ01 | Guarua-PR | 52.18 | 97 | eP | P | 01 40 20.8 | +2.3 |
| PTBC | PUERTO BERRIO, | 52.30 | 45 | eP | P | 01 40 17.6 | -1.7 |
| FRTB | Fartura | 52.58 | 94 | eP | P | 01 40 21.7 | +0.3 |
| RUCS | La Rusia | 52.61 | 47 | eP | P | 01 40 20.6 | -1.5 |
| BELA | Setrago 2 | 53.24 | 165 | P | P | 01 40 25.9 | +0.3 |
| MOTC | Monteria, Cord | 53.42 | 43 | eP | P | 01 40 21.7 | -5.8 |
| SPB | Sao Paulo | 54.22 | 96 | eP | P | 01 40 34.9 | +1.5 |
| OCAC | Ocana | 54.33 | 45 | eP | P | 01 40 43.0 | +8.6 |
| ARAG | Araguiana, MT | 54.40 | 85 | eP | P | 01 40 34.4 | -0.4 |
| MACA | Mancapuru-AM | 54.61 | 66 | eP | P | 01 40 35.5 | +1.0 |
| VAO | Valinhos | 54.87 | 95 | eP | P | 01 40 40.2 | +2.0 |
| QSPA | South Pole Qui | 55.67 | 180 | P | P | 01 40 43.7 | +0.3 |
| QSPA | South Pole Qui | 55.67 | 180 | P | P | 01 40 43.3 | -0.2 |
| QSPA | comp-Z,31nm,1.6s | 55.82 | 96 | eP | P | 01 40 46.9 | +1.9 |
| PARB | Parabuna | 56.35 | 74 | eP | P | 01 40 47.5 | -1.4 |
| NPGB | Novo Progresso | 56.39 | 195 | eP | P | 01 40 47.5 | -0.7 |
| VNDA | comp-Z,1.0nm,0.9s,baz=154,slow=3.9,SNR=5.5 | 56.75 | 180 | P | P | 01 40 43.3 | -0.2 |
| VNDA | comp-Z,489nm,21.9s,baz=100,slow=30 | 56.39 | 195 | P | P | 01 40 48.9 | +0.7 |
| VNDA | comp-Z,28nm,1.7s | 56.39 | 195 | P | P | 01 40 48.9 | +0.7 |
| SDV | Santo Domingo | 56.45 | 47 | eP | P | 01 40 48.5 | -1.2 |
| SDV | Santo Domingo | 56.45 | 47 | eP | P | 01 40 48.9 | -0.8 |
| PTGA | Pitinga | 56.77 | 65 | eP | P | 01 40 50.7 | -1.2 |
| PTGA | comp-Z,3.1nm,0.7s,baz=198,slow=6.9,SNR=5.4 | 56.77 | 65 | eP | P | 01 40 50.7 | -1.2 |
| SNDB | Serra Nova Dou | 56.81 | 81 | eP | P | 01 40 52.1 | -0.8 |
| ESAR | Angra dos Reis | 56.93 | 97 | eP | P | 01 40 55.0 | +2.1 |
| BDFB | Brasilia | 57.56 | 87 | P | P | 01 40 57.6 | -0.0 |
| BDFB | comp-Z,2.9nm,0.9s,baz=182,slow=17,SNR=4.1 | 57.56 | 87 | P | P | 01 40 57.6 | -0.0 |
| BDFB | comp-Z,505nm,18.3s,baz=272,slow=34 | 57.56 | 87 | P | P | 01 40 56.0 | -1.6 |
| BDFB | comp-Z,35nm,1.5s | 57.59 | 94 | eP | P | 01 40 59.6 | +1.9 |
| BSCB | Bom Sucesso | 57.59 | 94 | eP | P | 01 40 59.6 | +1.9 |
| ITTB | Itaituba | 57.69 | 71 | eP | P | 01 41 16.9 | -0.2 |
| MALB | Monte Alegre | 60.39 | 70 | eP | P | 01 41 17.5 | -0.4 |
| VNA3 | Neumayer Olymp | 60.63 | 158 | P | P | 01 41 22.1 | +1.4 |
| JANB | Januaria | 61.20 | 89 | eP | P | 01 41 22.1 | +1.4 |
| VNA1 | Neumayer-Stat | 61.28 | 158 | P | P | 01 41 22.1 | -0.2 |
| PRPB | Parauapebas | 61.30 | 77 | eP | P | 01 41 25.0 | +1.7 |
| VNA2 | Neumayer-Watz | 61.44 | 158 | P | P | 01 41 23.0 | -0.5 |
| SDBA | SAO DESIDERIO | 61.82 | 86 | eP | P | 01 41 27.9 | +1.1 |
| RIB01 | Linhares ES | 62.00 | 95 | eP | P | 01 41 32.6 | +4.6 |
| SNA4 | Sanae | 62.46 | 160 | P | P | 01 41 29.1 | -1.2 |
| SNA4 | Sanae | 62.46 | 160 | P | P | 02 06 54.2 | |
| MCBP | comp-Z,121nm,18.3s,baz=236,slow=34 | 63.04 | 70 | eP | P | 01 41 36.1 | +1.1 |
| 833A | Chaparral WMA, | 63.18 | 10 | P | P | 01 41 37.3 | +1.9 |
| 833A | Chaparral WMA, | 63.18 | 10 | P | P | 01 41 35.4 | -0.1 |
| TXAR | Lajitas Array | 63.73 | 5 | P | P | 01 41 39.8 | +0.6 |
| JCT | Junction City | 65.25 | 9 | P | P | 01 41 48.5 | -0.6 |
| SPX | San Pedro Mart | 65.50 | 354 | P | P | 01 41 51.1 | +0.1 |
| SPX | comp-Z,30nm,1.6s | 65.86 | 11 | P | P | 01 41 53.1 | +0.1 |
| 435B | Jarrel | 65.97 | 3 | P | P | 01 41 53.6 | -0.1 |
| MNTX | Cornudas Mount | 65.97 | 3 | P | P | 01 42 01.1 | |
| 214A | Organ Pipe Nat | 66.23 | 356 | P | P | 01 41 57.8 | +2.5 |
| 214A | Organ Pipe Nat | 66.23 | 356 | P | P | 01 41 55.5 | +0.1 |
| 214A | Organ Pipe Nat | 66.23 | 356 | P | P | 01 42 03.9 | |
| TUC | comp-Z,33nm,1.7s | 66.51 | 358 | P | P | 01 41 57.4 | +0.4 |
| 121A | Cookes Peak, D | 66.72 | 1 | P | P | 01 42 00.6 | +1.9 |
| IKP | In-Ko-Pah, Jac | 67.16 | 354 | P | P | 01 42 04.0 | +2.7 |
| ABTX | Ablene, Hawle | 67.38 | 9 | P | P | 01 42 03.7 | +1.0 |
| SWSC | Sam W. Stewart | 67.42 | 354 | P | P | 01 42 04.8 | +1.9 |
| BC3 | Big Chuckwall | 68.10 | 354 | P | P | 01 42 09.7 | +2.4 |
| TPFO | Pion Flats | 68.14 | 353 | P | P | 01 42 08.4 | +0.9 |
| PFO | Pinyon Flats O | 68.14 | 353 | P | P | 01 42 09.4 | +1.8 |
| PFO | Pinyon Flats O | 68.14 | 353 | P | P | 01 42 07.7 | +0.1 |
| Y14A | Wickenburg | 68.21 | 356 | P | P | 01 42 07.9 | -0.1 |
| Y14A | Wickenburg | 68.21 | 356 | P | P | 01 42 16.1 | |
| BELC | Belle Mtn. Jos | 68.49 | 354 | P | P | 01 42 10.6 | +0.8 |
| IRM | Iron Mountain | 68.57 | 355 | P | P | 01 42 11.7 | +1.6 |
| X16A | Lo Mia Camp, P | 68.63 | 358 | P | P | 01 42 10.5 | -0.2 |
| X16A | Lo Mia Camp, P | 68.63 | 358 | P | P | 01 42 18.9 | |
| PDMCI | Parker Dam,Lak | 68.64 | 355 | P | P | 01 42 12.2 | +1.6 |
| X18A | Snoflake | 68.71 | 359 | P | P | 01 42 10.4 | -0.8 |
| X18A | Snoflake | 68.71 | 359 | P | P | 01 42 19.8 | |
| BFSC | Mount Baldy Ra | 68.89 | 352 | P | P | 01 42 13.4 | +1.2 |
| GMRC | Granite Mounta | 69.23 | 354 | P | P | 01 42 16.5 | +2.1 |
| W18A | Petrified Fore | 69.29 | 359 | P | P | 01 42 14.6 | -0.3 |
| HEC | Hector,Ludlow | 69.34 | 354 | P | P | 01 42 17.1 | +2.1 |
| W13A | Hualapai Mount | 69.42 | 356 | P | P | 01 42 15.4 | -0.3 |
| W13A | Hualapai Mount | 69.42 | 356 | P | P | 01 42 24.0 | |
| EDW2 | Edwards Air Fo | 69.56 | 352 | P | P | 01 42 18.5 | +2.2 |
| WUAK | Wupatki | 69.72 | 358 | P | P | 01 42 17.9 | +0.5 |
| PKMZ | Mcperson Peak | 69.79 | 351 | P | P | 01 42 20.2 | +2.3 |
| GSC | Goldstone, Bar | 69.85 | 353 | P | P | 01 42 20.9 | +2.7 |
| GSC | Goldstone, Bar | 69.85 | 353 | P | P | 01 42 18.8 | +0.7 |
| LRMC | Laurel Mtn Rad | 70.12 | 353 | P | P | 01 42 21.9 | +2.1 |
| ISA | Isabella, Lake | 70.39 | 352 | P | P | 01 42 23.9 | +2.5 |
| ISA | Isabella, Lake | 70.39 | 352 | P | P | 01 42 21.5 | +0.4 |
| U15A | North Rim | 70.66 | 357 | P | P | 01 42 31.6 | |
| MPMC | Manual Prospec | 70.67 | 353 | P | P | 01 42 25.3 | +2.0 |
| W39A | Magazine | 70.82 | 13 | P | P | 01 42 24.9 | +1.0 |
| SHPR | Sheep Range | 70.90 | 355 | P | P | 01 42 24.8 | +0.2 |
| FURC | Furnace Creek, | 71.01 | 353 | P | P | 01 42 26.4 | +1.4 |
| W41B | Gary Mavity, V | 71.10 | 14 | P | P | 01 42 25.4 | -0.3 |
| CWC | Cottonwood Cre | 71.11 | 352 | P | P | 01 42 27.0 | +1.1 |
| TUL1 | Leonard | 71.16 | 11 | P | P | 01 42 26.4 | +0.4 |
| KNB | Kanab | 71.27 | 357 | P | P | 01 42 27.1 | +0.2 |
| LCMT | Little Creek M | 71.29 | 356 | P | P | 01 42 27.6 | +0.1 |
| MVCO | Mesa Verde | 71.38 | 0 | P | P | 01 42 27.6 | -0.0 |
| TPNV | Topopah Spring | 71.43 | 354 | P | P | 01 42 27.8 | -0.1 |
| T25A | Trinidad | 71.44 | 4 | P | P | 01 42 29.2 | +1.2 |
| GRAC | Grapevine Rang | 71.58 | 353 | P | P | 01 42 30.5 | +1.9 |
| PKCU | Pink Cliffs | 71.67 | 357 | P | P | 01 42 29.2 | -0.3 |
| PRN | Pahroc Range | 71.79 | 355 | P | P | 01 42 30.6 | +0.6 |
| PRN | Pahroc Range | 71.79 | 355 | P | P | 01 42 38.8 | |
| CCUT | Cedar City | 71.83 | 356 | P | P | 01 42 30.6 | +0.3 |
| HHAR | Hobbs | 71.84 | 13 | P | P | 01 42 30.2 | +0.1 |
| HHAR | Hobbs | 71.84 | 13 | P | P | 01 42 31.2 | |
| SZCU | Shurtz Canyon | 71.86 | 357 | P | P | 01 42 30.3 | -0.1 |

| | | | | | | | |
|------|------------------|-------|------|------|------|------------|------|
| U38A | Gravette | 71.92 | 12 | P | P | 01 42 30.0 | -0.6 |
| S22A | 4UR Ranch, Cre | 71.94 | 2 | P | P | 01 42 32.2 | +1.2 |
| S22A | 4UR Ranch, Cre | 71.94 | 2 | P | P | 01 42 30.4 | -0.7 |
| U40A | Yellville | 72.12 | 14 | P | P | 01 42 33.4 | +1.5 |
| MTPU | Mount Pierson | 72.27 | 357 | P | P | 01 42 32.5 | -0.5 |
| OMMB | Old Mammoth Mi | 72.38 | 352 | P | P | 01 42 33.2 | -0.5 |
| PV16 | Nyswonger Mesa | 72.48 | 0 | P | P | 01 42 33.7 | -0.5 |
| PV16 | Nyswonger Mesa | 72.48 | 0 | P | P | 01 42 35.5 | |
| PV14 | Lion Creek, Pa | 72.54 | 0 | P | P | 01 42 34.1 | -0.5 |
| PV04 | Paradox Valley | 72.56 | 0 | P | P | 01 42 34.1 | -0.5 |
| PV04 | Paradox Valley | 72.56 | 0 | P | P | 01 42 42.4 | |
| TPH4 | comp-Z,40nm,1.6s | 72.64 | 353 | P | P | 01 42 34.8 | -0.3 |
| PV22 | Blue Mesa, Par | 72.70 | 0 | P | P | 01 42 35.0 | -0.5 |
| PV22 | Blue Mesa, Par | 72.70 | 0 | P | P | 01 42 36.9 | |
| MVU | comp-Z,30nm,1.8s | 72.73 | 357 | P | P | 01 42 35.4 | -0.3 |
| MSU | Marysville | 72.74 | 357 | P | P | 01 42 35.5 | -0.2 |
| R11A | Troy Canyon, C | 72.77 | 355 | P | P | 01 42 37.9 | +2.0 |
| R11A | Troy Canyon, C | 72.77 | 355 | P | P | 01 42 35.5 | -0.4 |
| R11A | Troy Canyon, C | 72.77 | 355 | P | P | 01 42 44.6 | |
| RCBR | Riachuelo | 72.83 | 85 | LR | LR | 02 12 59.4 | |
| PSUT | Pine Spring | 72.84 | 356 | P | P | 01 42 36.1 | -0.2 |
| TCRU | Three Creeks R | 72.84 | 357 | P | P | 01 42 36.6 | 0.0 |
| LHV | Little Hutton | 72.95 | 352 | P | P | 01 42 36.6 | 0.0 |
| NVAR | Mina Array Bea | 73.10 | 352 | P | P | 01 42 38.6 | +0.8 |
| NVAR | Mina Array Bea | 73.10 | 352 | P | P | 01 42 38.6 | +0.8 |
| WAKN | Walker | 73.31 | 352 | Iamb | Iamb | 01 42 47.9 | |
| RYN | Ryan | 73.32 | 352 | Iamb | Iamb | 01 42 47.7 | |
| DZM | Mont Dzumac | 73.50 | 254 | eLR | LR | 02 04 56.4 | |
| KVN | Katavrin Hill | 73.69 | 353 | Iamb | Iamb | 01 42 49.8 | |
| PNTR | Pine Nut | 73.90 | 351 | Iamb | Iamb | 01 42 51.3 | |
| AFDM | Forest Hills D | 73.94 | 350 | Iamb | Iamb | 01 42 50.7 | |
| CCM | Cathedral Cave | 74.09 | 15 | P | P | 01 42 43.9 | +0.5 |
| CCM | Cathedral Cave | 74.09 | 15 | P | P | 01 42 45.3 | |
| SYO | comp-Z,36nm,1.8s | 74.19 | 169f | eP | P | 01 42 42.0 | -1.7 |
| SYO | comp-Z,36nm,1.8s | 74.19 | 169f | eP | P | 01 42 48.0 | +1.0 |
| PAHR | Pah Rah Range | 74.49 | 352 | Iamb | Iamb | 01 42 54.5 | |
| BEKR | Beckworth | 74.77 | 351 | Iamb | Iamb | 01 42 55.9 | |
| ELK | Elko | 75.12 | 355 | Iamb | Iamb | 01 42 57.8 | |
| BW06 | Boulder Array | 76.93 | 360 | Iamb | Iamb | 01 43 07.0 | |

9d 2h

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like VA03 San Esteban, CPUP Villa Florida, and various Bougainville-Solomon Islands region stations.

NEIC 09:02:01:27.9, 1.5, 6.37S:0.07x154.34E:0.07, h1(0km, 1km, mb5, 1/17, Error ellipse: s-maj=12.5km s-min=10.5km az=38.0)

IDC 09:02:01:29.9, 2.3, 6.33S:154.04E, h2(0km, 14km, mb4, 8/29, Mb1 4.9/34, mb1mx4.8/45, mbtmp4.9/34, ML4.3/5, MS4.9/20, Ms1 4.9/20, ms1mx4.6/42, Error ellipse: s-maj=12.8km s-min=10.0km az=90.0)

MOS 09:02:01:30.2, 1.1, 6.37S:154.33E, h3(2km, mb5, 3/33, MS4.8/6, Error ellipse: s-maj=9.1km s-min=7.3km az=106.7)

GCMT 09:02:01:31.9, 0.1, 6.57S:0.01x154.43E:0.01, h2(2km, MW5.3/129, Moment Tensor Solution. s116, c175; s129, c201; Duration: 1.1 Moment tensor: Scale 1017 Nm; Mn: 1.2e, 02; Mxx: 0.53e, 01; Myy: 0.58e, 02; Mzz: 1.2e, 03; Mxy: 0.01; Mxz: 0.22e, 03; Best double couple: M1: 1.9e, 0107; NP1: 1.24e, 0000; 3.44e, 0000; 1.72e, 0000; NP2: 3.28e, 0000; 8.48e, 0000; 1.07e, 0000.

Principal axes: T: 1.1750, Plg77.0000; Azm308.0000; N: 0.0430, Plg12.0000; Azm137.0000; P: -1.2180, Plg2.0000; Azm46.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Triangular moment-rate function DJA 09:02:01:31.8, 0.4, 6.52S:154.4E, h2(6km, 3km, M5.3/61, mb5, 8/42, mb5.3/61, MW5.7/3, Mw(MB)5.3/42, MWps.4/11 BUI 09:02:01:33.6, 0.0, 6.26S:154.49E, h6(8km, mb5, 5/55, mb5, 2/72, Mb5.2/58, Mb7.4/39, ISC 09:02:01:33.4, 0.1, 6.41S:154.37E:0.04, h4(7km, 3km, n488, m153/463, mb5, 1/165, MS4.9/39, 4C-6D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like RABL Rabaul, KRVT Keravat, and Bougainville-Solomon Islands region stations.

2018 DEC

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, and various Bougainville-Solomon Islands region stations.

2018 DEC

Main table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like ARPS Mount Arapiles, EDFI Ende Flores, and various Bougainville-Solomon Islands region stations.

9d 2h

2014 DEC

Table with columns: KSH, Kashi, 85.16 310, P, P, 02 14 07.6 +2.5, etc. Lists various stations and their coordinates.

Table with columns: RMX, La Rumorosa, 93.04 58, Iamb, Iamb, 02 14 53.0, etc. Lists various stations and their coordinates.

Table with columns: SAML, Samuel, 139.58 112, PKIKP, PKPdf, 02 20 55.6 -1.4, etc. Lists various stations and their coordinates.

IDC 09 02:06:32.1±1.1, 6.40S:154.64E, h0km, mb4.1/6, mb1 4.4/6, mb1mx4.0/36, mbtmp4.1/6, Error ellipse: s-maj=53.8km s-min=24.5km az=123.0

ISC 09 02:06:39.2±1.1, 6.45S:152.66E, h0km, n18, e074/13, mb4.1/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists station details for Bougainville-Solomon Islands region.

IDC 09 02:10:26.2±3.7, 6.51S:154.26E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/33, mbtmp3.7/3, Error ellipse: s-maj=130.3km s-min=36.2km az=115.0

Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists station details for Bougainville-Solomon Islands region.

NORS 09 02:11:03.0±0.0, 42.96N:44.53E, h7km, MPVA3.6 MOS 09 02:11:03.9±0.0, 42.96N:44.53E, h6km, MPVA3.5

TIF 09 02:11:04.7±0.0, 42.97N:44.53E, h8km

DDA 09 02:11:05.1±0.0, 42.96N:44.39E, h5km, 2km, ML2.0

ISC 09 02:11:05.2±0.0, 42.99N:02.44S, h0km, 7km, n39, e087/73, Western Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Lists station details for Western Caucasus region.

9d 3h

Table with columns: PRZ, comp-Z, IAMS, MLR, P, P, 03 19 18.8, -1.1, etc. Includes entries like Przewalsk, Makanchi Array, Kashi, etc.

2014 DEC

Table with columns: URZ, comp-Z, IAMS, LR, LR, 03 47 32.5, etc. Includes entries like Uchtor, Mokuau Station, Matakaoa Point, etc.

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Table with columns: DQM, DQM, TIKSI, comp-Z, IAMS, P, P, 03 20 28.9, +0.6, etc. Includes entries like TIKSI, Hoqain, Atka Island, etc.

Table with columns: TXAR, Lajitas Array, 123.31, 53, PKP, PKIKP, 03 28 17.9 +0.8, etc. Lists various radio stations and their frequencies.

Table with columns: L56A, Greenwood, 131.51, 24, P, PKP, 03 28 32.5 +0.4, etc. Lists various radio stations and their frequencies.

Table with columns: T60A, Surry, 136.02, 27, P, PKIKP, 03 28 42.0 -0.2, etc. Lists various radio stations and their frequencies.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, CTA Charters Tower, etc.

JMA 09 03:53:20.9, 0.4, 33.36N, 138.52E, h293km, M3.3
IDC 09 03:53:23.5, 2.1, 33.48N, 138.46E, h284km, 2.7km, mb3.0/3, mb1 3.1/4, mb1mx2.8/4.1, mbtmp3.5/4, Error ellipse: s-maj=81.2km s-min=23.6km az=74.0

ISC 09 03:53:24.1, 1.2, 33.77N, 138.8E, 0.2, h300km, n12, c072/15, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JOD2 Odawara, BS04 Boso, JHU Hanno, etc.

UCR 09 04:00:05.0, 1.2, 7.75N, 82.51W, h10km, MW4.0
UPA 09 04:00:07.1, 1.4, 7.93N, 82.61W, h5km, 8km, MW3.7

ISC 09 04:00:04.0, 3.0, 7.8N, 82.1W, 0.08, h5km, 13km, n13, c068/22, 4D, South of Panama

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BAG3 Bagala, CD10 Canoas, BRU2 Volcan, etc.

IDC 09 04:02:25.2, 23.0, 19.77S, 178.28W, h604km, 281km, mb2.9/5, mb1 3.1/5, mb1mx2.8/2.8, mbtmp3.9/5, Error

ellipse: s-maj=138.5km s-min=90.6km az=122.0, Fiji
Code Station Name Az Phase ID Time Res ISC
CTA Charters Tower 33.31 263 Op P 04 08 14.9 -0.1

BJI 09 04:06:15.6, 6.0, 6.30S, 154.21E, h4km, mB5.4/40, mb4.9/59, Ms5.0/11, Ms7.4/5/11
NEIC 09 04:06:16.8, 1.1, 6.38S, 154.26E, 0.06, h10km, 1km, mb0.9/97, Error ellipse: s-maj=12.6km s-min=8.9km az=38.0

MOS 09 04:06:21.2, 1.4, 6.48S, 154.34E, h53km, mb5.3/26, Error ellipse: s-maj=13.5km s-min=8.8km az=108.2
IDC 09 04:06:23.2, 1.7, 6.45S, 154.27E, h64km, 15km, mb4.4/19, mb1 4.6/25, mb1mx4.5/3.1, mbtmp4.7/25, MS4.2/19, Ms1 4.2/19, ms1mx4.1/33, Error ellipse: s-maj=15.8km s-min=9.9km az=89.0

DJA 09 04:06:23.0, 4.6, 6.9S, 154.4E, h67km, 4km, M5.1/36, Ms5.0/36, mb5.5/42, Ms5.2/3, Mwm(B)5.0/12
ISC 09 04:06:22.1, 0.3, 6.45S, 154.28E, 0.05, h48km, n273, c1847/263, mb5.0/107, MS4.3/21, 3D

Bougainville-Solomon Islands region
Code Station Name Az Phase ID Time Res ISC
RABL Rabaul 3.08 317 Op P 04 07 05.0 -3.2

CTA Charters Tower 15.63 209 P Pn 04 10 00.1 +0.7
CTA Charters Tower 15.63 209 P Pn 04 09 58.1 -1.2
CTA Charters Tower 15.63 209 P Pn 04 09 58.1 -1.2

SAUI Saumaki 22.85 265 P P 04 11 22.8 +1.3
WR0 Warrungana Arr 23.40 233 P P 04 11 27.0 0.0
WB0 Warrungana Arr 23.42 234 P P 04 11 26.2 -0.2

ARMA Armadale 23.97 186 P P 04 11 32.5 +0.3
ARMA Armadale 23.97 186 P P 04 11 33.8
AS31 Alice Springs 26.01 227 P P 04 11 50.4 -0.4

KNRA Kununurra 26.64 248 P P 04 11 56.4 0.0
LBMI Labuha 27.33 281 P P 04 12 04.7 +1.9
STKA St. Michaels Cr. 27.93 203 P P 04 12 06.7 -1.2

PLAI Plampang 36.24 264 P P 04 13 20.3 -0.7

Tasmania Island 36.83 189 P Pmax 04 13 26.1 +0.6
Tasmania Island 36.83 189 P Iamb P Iamb 04 13 27.4
URZ Urewera 37.83 150 P P 04 13 34.8 +0.8

USURK Ussuriysk Arr. 54.28 340 P P 04 15 44.0 +0.7
PPT Papeete 55.84 107 LR LR 04 36 28.1
ENH Enshi 56.55 317 P P 04 15 58.2 -0.4

YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

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YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5
YAK Yakutsk 70.88 348 eP P 04 17 34.2 +0.5

VNDA Vanda 71.14 178 P P 04 17 34.9 -0.3

9d 5h

Table of astronomical observations for 9d 5h, listing station names, coordinates, and observation details.

2014 DEC

Table of astronomical observations for 2014 DEC, listing station names, coordinates, and observation details.

452

Table of astronomical observations for 452, listing station names, coordinates, and observation details.

WEL 09 04:43:12.44 S, 177°32' E, h9km, 1km, M2.8/0.9, ML2.0/9, Error ellipse: s-maj=0.0km s-min=0.0km

Table of astronomical observations for WEL 09 04:43:12.44 S, listing station names, coordinates, and observation details.

IDC 09 04:59:44.8 E, 2.7, 18.76S, 176.31W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/33, mbtmp3.8/4, Error ellipse: s-maj=264.2km s-min=33.2km az=160.0, Fiji Islands region

Table of astronomical observations for IDC 09 04:59:44.8 E, listing station names, coordinates, and observation details.

IDC 09 05:05:09.9 E, 21.0, 50.60N, 174.44E, h0km, mb3.4/4, mb1 3.8/4, mb1mx3.4/40, mbtmp3.4/4, Error ellipse: s-maj=439.2km s-min=81.5km az=80.0, South of Aleutian Islands

Table of astronomical observations for IDC 09 05:05:09.9 E, listing station names, coordinates, and observation details.

BUI 09 05:18:24.8 E, 0.50, 175x122.48E, h5km, mb5.5/21, mb5.0/41, Ms5.1/7, Ms7.4/7, IDC 09 05:18:27.0 E, 0.5, 49.77S, 122.61E, h0km, mb4.8/13, mb1 4.9/14, mb1mx4.8/19, mbtmp4.8/14, ML3.0/1, MS4.2/12, Ms1 4.2/12, ms1mx4.1/15, Error ellipse: s-maj=27.4km s-min=13.7km az=101.0, MOS 09 05:18:27.4 E, 0.9, 49.72S, 122.70E, h10km, mb5.2/16, Error ellipse: s-maj=24.9km s-min=10.4km az=82.2, NEIC 09 05:18:28.0 E, 1.5, 49.76S, 122.70E, 0.1, h10km, 1km, mb5.1/36, Error ellipse: s-maj=15.4km s-min=15.2km az=44.0, GCMT 09 05:18:29.0 E, 0.2, 49.75S, 122.71E, 0.0, h13km, MW5.1/97, Moment Tensor Solution. s48,c66; s97,c148; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-4.09s; 25; M0:5.18t; 18; M0:1.09t; 20; M1:1.50t; 40; M2:1.97t; 11; M3:0.63t; 53; Best double couple: M0:5.18400x10^16 Np1:9s78.00000, s36.00000, l-83.00000. NP2: s250.00000, s54.00000, l-95.00000. Principal axes: T 6.0000, P19.0000, Azm344.0000; N -1.6450, P19.0000, Azm253.0000; P -4.3610, P19.0000, Azm140.0000; nst1 refers to body waves, cutoff=40s. nst4 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 09 05:18:27.3 E, 1.4, 49.79S, 122.68E, 0.09, h1km, 24km, n195, o6993173, mb5.0/45, MS4.1/4, 7C-6D, Western Indian-Antarctic Ridge

Table of astronomical observations for BUI 09 05:18:24.8 E, listing station names, coordinates, and observation details.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Cape Leeuwijn H, Narrogin (SRO), and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Pallekele, Chiang Mai Arr, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Cornudas Mount, Pulkatuk, and various other locations.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like RHOSSO 09 05:37:58, TIR 09 05:37:58, and various other locations.

| | | | | | |
|--------------------------------------------|----------------|-----------|------|------|-----------------|
| TEY | Tenei | 10.17 256 | eP | Pn | 10 08 37.0 +1.0 |
| JTM | Tennabayashi | 10.21 225 | P | Pn | 10 08 31.1 -5.5 |
| JANG | Nango | 10.34 222 | P | Pn | 10 08 32.1 -6.1 |
| JANG | | | eS | Pn | 10 10 18.7 -1.6 |
| BDR | Baidarnaya | 10.39 35 | eP | Pn | 10 08 38.3 -0.3 |
| BDR | Baidarnaya | 10.39 35 | PN | Pn | 10 08 38.3 -0.3 |
| SRKR | Sorokina | 10.44 34 | eP | Pn | 10 08 38.6 -0.6 |
| SRKR | Sorokina | 10.44 34 | PN | Pn | 10 08 38.6 -0.6 |
| SMKR | Semkarok | 10.50 35 | eP | Pn | 10 08 40.0 0.0 |
| SMKR | Semkarok | 10.50 35 | PN | Pn | 10 08 40.0 0.0 |
| KBG | Krutoberegovo | 10.77 39 | eP | Pn | 10 08 42.3 -0.8 |
| KBG | Krutoberegovo | 10.77 39 | eS | Pn | 10 08 42.3 -0.8 |
| KBG | | | S | Pn | 10 10 37.7 -6.1 |
| KBTR | Krutoberegovo | 10.79 39 | eP | Pn | 10 08 41.3 -2.1 |
| KBTR | Krutoberegovo | 10.79 39 | PN | Pn | 10 08 41.3 -2.1 |
| MA2 | Magadan | 11.15 1 | P | Pn | 10 08 47.7 0.0 |
| comp=Z,1.1nm,0.3s,baz=171,slow=10,SNR=7.6 | | | | | |
| MA2 | Magadan | 11.15 1 | eP | Pn | 10 08 47.2 -0.5 |
| MA2 | Magadan | 11.15 1 | PN | Pn | 10 08 47.2 -0.5 |
| JRG | Rokugo | 11.53 222 | eP | Pn | 10 08 48.6 -4.0 |
| EKI | Bering | 11.66 49 | eP | Pn | 10 08 52.3 -1.8 |
| BKI | Bering | 11.68 49 | eS | Pn | 10 10 51.9 -1.2 |
| BKI | Bering | 11.68 49 | PN | Pn | 10 08 52.3 -1.8 |
| EKMR | Ekimchan | 12.06 299 | eP | AMB | 10 08 58.8 -0.1 |
| EKMR | | | AMB | AMB | 10 09 03.0 |
| comp=Z,40nm,0.8s | | | | | |
| EKMR | | | AMB | AMB | 10 09 03.0 |
| comp=Z,120nm,0.8s | | | | | |
| EKMR | | | AMB | AMB | 10 09 03.0 |
| comp=Z,200nm,0.8s | | | | | |
| KLR | Kul'dur | 12.42 281 | P | P | 10 09 04.5 +0.7 |
| KLR | Kul'dur | 12.42 281 | eP | P | 10 09 05.2 +1.4 |
| KLR | Kul'dur | 12.42 281 | d/PN | P | 10 09 05.2 +1.4 |
| KLR | | | pmx | pmx | |
| comp=Z,200nm,1.1s | | | | | |
| JMM | Marumori | 12.74 217 | | Pn | 10 09 06.2 -1.0 |
| OSSR | Ossora | 13.07 29 | eP | P | 10 09 10.3 -0.5 |
| OSSR | Ossora | 13.07 29 | PN | P | 10 09 10.3 -0.5 |
| USAOB | Ussuriysk Arra | 13.51 259 | d/PN | P | 10 09 15.6 -0.4 |
| USAOB | Ussuriysk Arra | 13.51 259 | P | P | 10 09 15.3 -0.6 |
| USKR | Ussuriysk Ar. | 13.51 259 | P | P | 10 09 15.3 -0.6 |
| baz=64,slow=12,SNR=44 | | | | | |
| JSD | Sado | 13.72 225 | | P | 10 09 16.5 -1.8 |
| VLA | Vladivostok | 14.06 255 | eP | P | 10 09 21.2 -0.9 |
| VLA | Vladivostok | 14.06 255 | eP | P | 10 09 21.2 -0.9 |
| VLA | | | pmx | pmx | |
| comp=Z,37nm,0.9s | | | | | |
| JYT | Yasato | 14.40 216 | P | P | 10 09 25.7 -0.1 |
| SEY | Seymchan | 14.55 3 | P | Pn | 10 09 28.4 +0.1 |
| comp=Z,0.8nm,0.3s,baz=190,slow=18,SNR=11.1 | | | | | |
| SEY | Seymchan | 14.55 3 | eP | Pn | 10 09 28.1 -0.3 |
| BMKR | Bomnak | 14.85 303 | eP | AMB | 10 09 31.5 -0.5 |
| MDJ | Mudanjiang | 14.92 263 | P | P | 10 09 30.2 -1.3 |
| MDJ | | | sP | S | 10 10 43.1 |
| MDJ | | | S | S | 10 12 17.2 -1.0 |
| MDJ | | | PcS | PcS | 10 10 53.2 -0.8 |
| MDJ | | | pmx | pmx | |
| comp=Z,93nm,1.0s | | | | | |
| MDJ | | | pmx | pmx | |
| comp=Z,190nm,3.5s | | | | | |
| MDJ | Mudanjiang | 14.92 263 | P | P | 10 09 30.1 -1.3 |
| MJB9 | Matsu-Tunnel | 14.96 222 | P | P | 10 09 32.2 +0.2 |
| MJAR | Matsushiro Arr | 14.96 222 | P | P | 10 09 32.3 +0.3 |
| comp=Z,1.4nm,0.3s,baz=25,slow=11,SNR=99 | | | | | |
| MAJO | Matsushiro | 14.96 222 | d/P | P | 10 09 32.2 +0.2 |
| MAJO | | | pmx | pmx | |
| comp=Z,109nm,0.7s | | | | | |
| MAJO | Matsushiro | 14.96 222 | P | P | 10 09 31.9 -0.1 |
| MAT | Matsushiro | 14.96 222 | P | P | 10 09 32.0 0.0 |
| MAT | | | S | S | 10 12 16.9 +2.1 |
| ZEA | Zeya | 15.53 299 | eP | AMB | 10 09 38.6 +0.5 |
| ZEA | | | AMB | AMB | 10 09 42.2 |
| comp=Z,40nm,1.0s | | | | | |
| ZEA | | | AMB | AMB | 10 09 42.2 |
| comp=Z,50nm,1.0s | | | | | |
| ZEA | | | AMB | AMB | 10 09 42.2 |
| ZEA | Zeya | 15.53 299 | eP | P | 10 09 38.6 +0.5 |
| ZEA | | | pmx | pmx | |
| comp=E,20nm,0.7s | | | | | |
| ZEA | | | pmx | pmx | |
| comp=N,30nm,0.6s | | | | | |
| ZEA | | | pmx | pmx | |
| comp=Z,40nm,0.7s | | | | | |
| KROS | Kirovskiy | 15.83 301 | eP | P | 10 09 41.7 +0.3 |
| KROS | | | AMB | AMB | 10 09 45.9 |
| JGF | Kuroka | 16.12 222 | P | P | 10 09 44.8 +0.1 |
| JGF | | | IAMB | IAMB | 10 09 47.7 |
| comp=Z,47nm,0.7s | | | | | |
| INU | Inuyama | 16.49 222 | P | P | 10 09 48.2 -0.4 |
| JSG | Sagara | 16.56 218 | P | P | 10 09 51.2 +1.8 |
| JWT | Wachi | 17.29 226 | P | P | 10 09 56.9 +0.4 |
| JWT | | | IAMB | IAMB | 10 09 57.7 |
| comp=Z,48nm,0.8s | | | | | |
| YAK | Yakutsk | 17.95 327 | P | P | 10 10 03.8 -0.3 |
| comp=Z,0.3nm,0.3s,baz=90,slow=1.5,SNR=9.5 | | | | | |
| YAK | Yakutsk | 17.95 327 | eP | P | 10 10 04.7 +0.6 |
| YAK | Yakutsk | 17.95 327 | eP | P | 10 10 03.8 -0.3 |
| YAK | | | eS | S | 10 13 12.8 -0.6 |
| comp=Z,27nm,0.9s | | | | | |
| YAK | | | pmx | pmx | |
| comp=E,5.0nm,1.0s | | | | | |
| YAK | | | pmx | pmx | |
| comp=N,5.0nm,0.9s | | | | | |
| YAK | | | smax | smax | |
| comp=E,391nm,2.8s | | | | | |
| YAK | | | smax | smax | |
| comp=N,281nm,2.5s | | | | | |
| YAK | Yakutsk | 17.95 327 | P | P | 10 10 04.3 +0.3 |
| YAK | | | IAMB | IAMB | 10 10 06.2 |
| CN2 | Changchun | 17.98 264 | eP | P | 10 10 01.8 -2.8 |
| CN2 | | | pmx | pmx | |
| comp=Z,40nm,0.9s | | | | | |
| CN2 | | | pmx | pmx | |
| comp=Z,100nm,3.2s | | | | | |
| CN2 | | | LR | LR | |
| comp=Z,340nm,8.0s | | | | | |
| CN2 | | | LR | LR | |
| comp=Z,260nm,8.0s | | | | | |
| CN2 | | | LR | LR | |
| comp=Z,320nm,9.0s | | | | | |
| JHS | Saijyo | 18.65 230 | P | P | 10 10 11.8 -0.1 |
| JMN | Monobe | 19.29 226 | P | P | 10 10 18.2 -0.5 |
| JMN | | | IAMB | IAMB | 10 10 28.2 |
| comp=Z,95nm,1.4s | | | | | |
| KSRS | Korea Array | 19.80 245 | P | P | 10 10 24.1 +0.1 |
| comp=Z,2.2nm,0.3s,baz=45,slow=4.4,SNR=146 | | | | | |
| KS19 | Wonju Array S1 | 19.81 245 | P | P | 10 10 24.3 +0.1 |
| KS19 | | | IAMB | IAMB | 10 10 25.9 |
| HIA | Hailar | 20.23 284 | P | P | 10 10 25.9 -2.4 |
| HIA | | | pmx | pmx | |
| HIA | Hailar | 20.23 284 | P | P | 10 10 25.9 -2.4 |
| INCN | Inchon | 20.57 247 | P | P | 10 10 32.4 +0.6 |
| INCN | | | pmx | pmx | |
| comp=Z,47nm,0.8s | | | | | |
| INCN | Inchon | 20.57 247 | P | P | 10 10 32.4 +0.6 |
| INCN | | | IAMB | IAMB | 10 10 33.1 |
| comp=Z,47nm,0.8s | | | | | |
| TJN | Taejon | 20.85 243 | UP | P | 10 10 33.6 -0.9 |
| BILL | Biilbino | 21.18 16 | UP | P | 10 10 37.5 +0.3 |
| BILL | Biilbino | 21.18 16 | UP | P | 10 10 37.5 +0.3 |
| BILL | | | pmx | pmx | |
| comp=Z,16nm,1.8s | | | | | |
| JNU | Nakatsue | 21.27 231 | P | P | 10 10 38.5 0.0 |
| comp=Z,26nm,0.8s,baz=45,slow=4.4,SNR=9.5 | | | | | |
| JNU | Nakatsue | 21.27 231 | P | P | 10 10 38.3 -0.2 |
| JSU | Suzuyama | 22.77 229 | P | P | 10 10 51.5 -0.6 |
| DL2 | Dalian | 22.88 256 | P | P | 10 10 52.9 0.0 |
| DL2 | | | pmx | pmx | |
| comp=Z,68nm,1.1s | | | | | |
| BOD | Bodaibo | 23.57 307 | eP | P | 10 10 58.0 -1.0 |
| BOD | Bodaibo | 23.57 307 | eP | P | 10 10 58.0 -1.0 |
| BOD | | | pmx | pmx | |
| comp=Z,18nm,1.3s | | | | | |
| TIXI | Tiksi | 25.35 344 | eP | P | 10 11 14.3 -0.5 |

| | | | | | |
|--------------------------------------------|----------------|-----------|------|------|-----------------|
| TIXI | Tiksi | 25.35 344 | UP | P | 10 11 14.3 -0.5 |
| TIXI | | | pmx | pmx | |
| comp=Z,34nm,1.3s | | | | | |
| TIXI | | | pmx | pmx | |
| Tiksi | | 25.35 344 | P | P | 10 11 13.3 -1.5 |
| BJI | Beijing | 25.85 264 | P | P | 10 11 19.4 -0.2 |
| BJI | | | pmx | pmx | |
| comp=Z,1.1nm,0.9s | | | | | |
| TJA | Tin City | 27.64 36 | P | P | 10 11 36.8 +1.7 |
| HHC | Hu-ho-hao-te | 28.51 269 | eP | pmx | 10 11 43.7 +0.3 |
| HHC | | | pmx | pmx | |
| comp=Z,43nm,0.8s | | | | | |
| HHC | | | pmx | pmx | |
| comp=Z,380nm,5.2s | | | | | |
| HHC | | | LR | LR | |
| comp=Z,390nm,13.8s | | | | | |
| HHC | | | LR | LR | |
| comp=Z,280nm,13.0s | | | | | |
| HHC | | | LR | LR | |
| comp=Z,420nm,12.0s | | | | | |
| ULN | Ulanbaatar | 28.74 285 | eP | P | 10 11 44.8 -0.6 |
| ULN | Ulanbaatar | 28.74 285 | eP | P | 10 11 44.8 -0.6 |
| ULN | | | pmx | pmx | |
| comp=Z,6.0nm,0.6s | | | | | |
| ULN | Ulanbaatar | 28.74 285 | P | P | 10 11 43.9 -1.4 |
| NJ2 | Nanjing | 28.85 247 | eP | pmx | 10 11 47.0 -0.2 |
| NJ2 | | | pmx | pmx | |
| comp=Z,8.0nm,0.5s | | | | | |
| SONM | Songino Array | 29.17 286 | P | P | 10 11 48.2 -0.9 |
| comp=Z,7.4nm,0.9s,baz=62,slow=8.7,SNR=18 | | | | | |
| SONM | | | PcP | PcP | 10 14 46.9 -0.8 |
| comp=Z,1.3nm,0.7s,baz=115,slow=1.7,SNR=3.8 | | | | | |
| SONM | | | ScP | ScP | 10 17 58.2 -0.7 |
| comp=Z,1.5nm,0.7s,baz=101,slow=3.0,SNR=4.2 | | | | | |
| TIY | Taiyuan | 29.55 263 | eP | pmx | 10 11 53.0 +0.4 |
| TIY | | | pmx | pmx | |
| comp=Z,32nm,0.9s | | | | | |
| TLY | Talaya | 29.88 294 | P | P | 10 11 54.7 -0.5 |
| comp=Z,7.4nm,0.6s,baz=31,slow=3.6,SNR=7.7 | | | | | |
| TLY | Talaya | 29.88 294 | eP | P | 10 11 55.3 +0.1 |
| TLY | Talaya | 29.88 294 | d/P | P | 10 11 55.3 +0.1 |
| TLY | | | pmx | pmx | |
| comp=Z,10.0nm,0.9s | | | | | |
| TLY | Talaya | 29.88 294 | P | P | 10 11 53.6 -1.6 |
| ZAK | Zakamensk | 30.41 292 | eP | pmx | 10 11 59.5 -0.5 |
| ZAK | | | pmx | pmx | |
| comp=Z,10.0nm,1.0s | | | | | |
| TTA | Tatalina | 32.33 43 | P | P | 10 12 17.7 +1.3 |
| TTA | | | pmx | pmx | |
| comp=Z,25nm,0.8s | | | | | |
| TTA | Tatalina | 32.33 43 | P | P | 10 12 17.7 +1.3 |
| TTA | | | IAMB | IAMB | 10 12 18.4 |
| comp=Z,25nm,0.8s | | | | | |
| SVW2 | Sparrevohn | 32.55 47 | P | P | 10 12 19.9 +1.6 |
| WHN | Whan | 32.78 250 | UP | P | 10 12 20.5 -0.1 |
| A21K | Barrow | 33.28 28 | P | P | 10 12 24.3 0.0 |
| A21K | Barrow | 33.28 28 | P | P | 10 12 24.3 0.0 |
| A21K | | | IAMB | IAMB | 10 12 25.2 |
| A21K | | | IAMB | IAMB | 10 12 25.2 |
| comp=Z,31nm,0.6s | | | | | |
| RSO | Redoubt South | 33.97 48 | P | P | 10 12 32.2 +1.4 |
| XAN | Xi'an | 34.01 261 | P | pmx | 10 12 31.0 -0.2 |
| XAN | | | pmx | pmx | |
| comp=Z,24nm,1.1s | | | | | |
| XAN | Xi'an | 34.01 261 | P | P | 10 12 31.0 -0.2 |
| XAN | | | IAMB | IAMB | 10 12 31.7 |
| comp=Z,24nm,1.1s | | | | | |
| OHAK | Old Harbor | 34.13 54 | P | P | 10 12 32.4 +0.6 |
| KDAK | Kodiak Island | 34.41 53 | P | pmx | 10 12 34.4 +0.2 |
| KDAK | | | pmx | pmx | |
| comp=Z,348nm,1.9s | | | | | |
| KDAK | Kodiak Island | 34.41 53 | P | P | 10 12 34.4 +0.2 |
| SKT | Skwentza | 34.44 45 | P | P | 10 12 35.9 +1.4 |
| KTH | Kantishna Hill | 34.63 42 | P | P | 10 12 37.4 +1.3 |
| MLY | Manley | 34.67 40 | P | P | 10 12 37.1 +0.7 |
| CNP | China Pool | 34.84 49 | P | P | 10 12 38.8 +0.9 |
| SUA | Susitna | 34.85 46 | IAMB | IAMB | 10 12 37.7 -0.4 |
| SUA | | | IAMB | IAMB | 10 12 39.4 |
| comp=Z,28nm,0.6s | | | | | |
| TRF | Thorofare Moun | 34.92 42 | P | P | 10 12 39.7 +1.0 |
| COLD | Coldfoot | 34.93 36 | P | P | 10 12 39.5 +1.0 |
| baz=268,SNR=9.1 | | | | | |
| COLD | Coldfoot | 34.93 36 | P | P | 10 12 39.6 +1.0 |
| BRLK | Bradley Lake | 34.98 49 | P | IAMB | 10 12 39.5 +0.4 |
| BRLK | | | IAMB | IAMB | 10 12 40.1 |
| comp=Z,65nm,1.1s | | | | | |
| TOLK | Toolik Lake Re | 35.24 33 | P | P | 10 12 42.0 +0.8 |
| TOLK | Toolik Lake Re | 35.24 33 | P | P | 10 12 42.2 +1.0 |
| TOLK | | | PcP | PcP | 10 15 05.3 +1.5 |
| I23K | Minto, Yukon-K | 35.26 39 | P | P | 10 12 42.5 +1.3 |
| I23K | Minto, Yukon-K | 35.26 39 | P | P | 10 12 40.9 -0.4 |
| I23K | | | IAMB | IAMB | 10 12 43.6 |
| comp=Z,47nm,1.4s | | | | | |
| RC01 | Rabbit Creek A | 35.38 46 | P | P | 10 12 43.1 +0.7 |
| NEA2 | Nenana | 35.40 40 | P | P | 10 12 43.7 +1.1 |
| O22K | Cooper Landing | 35.46 47 | P | P | 10 12 43.4 +0.3 |
| O22K | Cooper Landing | 35.46 47 | P | P | 10 12 43.1 0.0 |
| MCK | McKinley | 35.51 42 | P | P | 10 12 44.4 +0.9 |

Table with columns: LSA, comp-Z, Iamb, Iamb, and numerical values. Rows include KPCK, KPCK, BRZS, BRZS, NONG, SATY, SATY, CHKK, CHKK, CHKK, MDOK, MDOK, KUU, KUU, AAA, AAA, RES, RES, PAYA, PAYA, MTBS, MTBS, PHRA, PHRA, KHON, KHON, BTLS, BTLS, BTLS, YKA, YKA, YKA, SPITS, SPITS, UTTA, UTTA, ULHL, ULHL, TKM2, TKM2, BOOM, BOOM, BOOM, CMMT, CMMT, SGDS, SGDS, CM09, CM09, CMAR, CMAR, CHAI, CHAI, PHIT, PHIT, CM02, CM02, CM04, CM04, USP, USP, CM05, CM05, AAK, AAK, AAK, AAK, MHMT, MHMT, TAPN, TAPN, KSH, KSH, KSH, KSH, SRAK, SRAK, ARU, ARU, ARU, ARU, UTHA, UTHA, GUN, GUN, DZA, DZA, RAMN, RAMN, KKN, KKN, KK31, KK31, PKI, PKI, PKIN, PKIN, DMN, DMN, GKN, GKN, A04D, A04D, DANN, DANN, IUG, IUG, IUG, IUG, D03D, D03D, KOLN, KOLN, B05A, B05A, PHET, PHET, PYUN, PYUN, E04D, E04D, ARCES, ARCES, ABKAR, ABKAR, F05D, F05D, H04D, H04D, I03D, I03D.

Table with columns: H04A, Detroit Lake, G05D, K02D, I04A, HAWA, F07A, NEW, I05D, KLMR, KLMR, KLMR, PINE, PINE, J05D, G08A, L04D, K04D, M02C, WALA, WALA, F10A, M04C, M0D, M0D, J08A, M03E, M0S, FCC, FCC, FCC, BEKR, BEKR, AFDM, HRY, EGMT, LRM, RUBR, RUBR, PAHR, PAHR, FINES, FINES, VCNR, VCNR, HLID, HLID, HLID, BOZ, BOZ, BOZ, BOZ, CMB, CMB, CMB, WAKR, WAKR, COEN, COEN, RYN, RYN, YHH, YHH, NVAR, NVAR, NVAR, LHV, LHV, MDPB, MDPB, M0AC, M0AC, ELK, ELK, ELK, H17A, H17A, RLMT, RLMT, MOOW, MOOW, TPWA, TPWA, TPWA, FRB, FRB, SNOW, SNOW, SNOW, REDW, REDW, TPH, TPH, TPH, HJU, HJU, HJU, HVO, HVO, HVO, TIN, TIN, SMMC, SMMC, GEYT, GEYT, YES, YES, BGU, BGU, SPUT, SPUT, PKM, PKM, GRAC, GRAC, R11A, R11A, ISA, ISA, ARVC, ARVC.

Table with columns: DUG, DUG, BW06, PDAR, PDAR, MPMC, MPMC, FURC, FURC, TPNV, TPNV, LRMC, LRMC, EDW2, EDW2, PRN, PRN, MPB, MPB, NOA, NOA, NOA, SHOC, SHOC, GSC, GSC, GSC, GSC, HFS, HFS, ULM, ULM, ULM, BFC, BFC, MDND, MDND, CIS, CIS, MVU, MVU, HEC, HEC, K22A, K22A, BBRC, BBRC, MTPU, MTPU, RSSD, RSSD, RSSD, RSSD, MURC, MURC, SRU, SRU, SRU, SRU, PFO, PFO, BELC, BELC, TPFO, TPFO, O20A, O20A, O20A, AGM, AGM, IRM, IRM, MONP2, MONP2, BC3, BC3, N23A, N23A, KIV, KIV, KIV, SWSC, SWSC, IKP, IKP, PDMC, PDMC, KBZ, KBZ, KBZ, GLA, GLA, SMCO, SMCO, AKAS, AKAS, AKBB, AKBB, WUAZ, WUAZ, SUSD, SUSD, SUSD, ISCO, ISCO, ISCO, ISCO, Y14A, Y14A, Y14A, WB0, WB0, F33A, F33A, WR0, WR0, WRAB, WRAB, MVCO, MVCO, MVCO, WRA, WRA, WRA, EYMN, EYMN, EYMN, EYMN, S22A, S22A, Q24A, Q24A, ANN, ANN, ANN, OGNE, OGNE, W18A, W18A.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like F36A Milaca, SDCO Great Sand Dun, SDCO Great Sand Dun, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like LONY Lake Ozonia, MOQ Mont Orford, ERPA Erie, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like W50A Signal Mountai, W50A Saluda, Q58A Fox Den Farm, etc.

BEO 09 10:13:08.6:0.6,44:65N:16:67E, h0km,2km, ML2.6/13
RHSSO 09 10:13:09.1:0.3,44:59N:16:74E, h4km,2km, ML2.8/16
ISC 09 10:13:08.3:1.1,44:57N:0:02:16.70E:0.02, h3km,9km, n54, c1910/99, 1C-1D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Dubrovnik, Trebinje, Fruska Gora, Divibare, Soboth, OBKA, HCY, TRUS, IVAS, SJES, ARS, PDG, GRUS, MYKA, DRME, SELB, ABTA, BARS, VYHS, VYHS.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA, H03N3, H03N2, H03N1, FINES, WARRAMUNGA ARR, H03N3, H03N2, H03N1, FINES.

Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 43.27 281 P 10 23 59.3 +0.6

Code Station Name Az Phase ID Time Res
H03N3 Juan Fernandez 78.13 123 T 11 54 16.6

Code Station Name Az Phase ID Time Res
H03N2 Juan Fernandez 78.13 123 T 11 54 16.6

Code Station Name Az Phase ID Time Res
H03N1 Juan Fernandez 78.14 123 T 11 54 16.5

Code Station Name Az Phase ID Time Res
FINES FINES Array B 151.09 334 PKPbc PKPab 10 35 54.7 -1.8

Code Station Name Az Phase ID Time Res
JAY Jayapura 1.74 96 Pn 10 45 42.4 -0.1

Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 18.09 194 P 10 49 23.1 -0.2

Code Station Name Az Phase ID Time Res
ASAR Alice Springs 21.78 193 P 10 50 03.4 -0.2

Code Station Name Az Phase ID Time Res
CMAR Chiang Mai Arr 44.48 299 P 10 53 22.1 -0.7

Code Station Name Az Phase ID Time Res
MKAR Makanchi Array 69.64 322 P 10 56 20.9 +0.5

Code Station Name Az Phase ID Time Res
VNDK Vanda 76.14 175 P 10 56 59.0 +0.6

Code Station Name Az Phase ID Time Res
BVAR Borovoye Array 79.14 325 P 10 57 16.2 +0.6

Code Station Name Az Phase ID Time Res
ILAR Eielson Array 85.25 326 P 10 57 47.4 -0.5

Code Station Name Az Phase ID Time Res
ZAAO Zalesovo Array 42.24 313 P Iamb 11 19 18.5 -0.4

Code Station Name Az Phase ID Time Res
ZALV Zalesovo Beam 42.24 313 P 11 19 18.9 0.0

Code Station Name Az Phase ID Time Res
NRK Noril'sk 43.88 336 P 11 19 31.9 0.0

Code Station Name Az Phase ID Time Res
NRK Noril'sk 43.88 336 P 11 19 31.9 0.0

Code Station Name Az Phase ID Time Res
MK31 Makanchi Array 44.30 303 P 11 19 35.0 -0.7

Code Station Name Az Phase ID Time Res
MKAR Makanchi Array 44.30 303 P 11 19 35.0 +0.1

Code Station Name Az Phase ID Time Res
MKAR Makanchi Array 44.30 303 P 11 19 35.0 +0.1

Code Station Name Az Phase ID Time Res
MAK Makanchi 44.30 303 P 11 19 37.2 -0.1

Code Station Name Az Phase ID Time Res
TAPN Taplejung 45.70 275 P 11 19 47.8 +0.5

Code Station Name Az Phase ID Time Res
KURK Kurchatov 46.20 309 P 11 19 49.7 -0.9

Code Station Name Az Phase ID Time Res
RAMR Ramite 46.76 275 P 11 19 55.9 +0.2

Code Station Name Az Phase ID Time Res
GUN Gumba 46.94 276 P 11 19 57.1 0.0

Code Station Name Az Phase ID Time Res
PKI Pulchoki 47.46 276 P 11 20 00.6 -0.6

Code Station Name Az Phase ID Time Res
PKIN Phulchoki 47.47 276 P 11 20 00.8 -0.4

Code Station Name Az Phase ID Time Res
KKN Gorika 47.47 276 P 11 20 01.3 +0.2

Code Station Name Az Phase ID Time Res
GKN Gorika 47.47 277 P 11 20 04.4 0.0

Code Station Name Az Phase ID Time Res
DANN Dangsing 48.45 278 P 11 20 09.1 +0.3

Code Station Name Az Phase ID Time Res
KTH Kantishna Hill 48.60 34 P 11 20 10.3 +1.1

Code Station Name Az Phase ID Time Res
KOLN Koldanda 48.83 277 P 11 20 11.6 0.0

Code Station Name Az Phase ID Time Res
KDJ Kajisay 48.84 298 P 11 20 12.0 +0.6

Code Station Name Az Phase ID Time Res
KDJ Kajisay 48.84 298 P 11 20 12.1

Code Station Name Az Phase ID Time Res
PYUN Piuthan 49.18 278 P 11 20 14.9 +0.6

Code Station Name Az Phase ID Time Res
TOLK Toolik Lake Re 49.34 27 P 11 20 16.6 +1.9

Code Station Name Az Phase ID Time Res
TOLK Toolik Lake Re 49.34 27 P 11 20 17.6

Code Station Name Az Phase ID Time Res
MTN Manton Dam 49.68 193 P 11 20 17.5 -2.1

Code Station Name Az Phase ID Time Res
MTN Manton Dam 49.68 193 P 11 20 32.3

Code Station Name Az Phase ID Time Res
MDM Murphy Dome 49.77 32 P 11 20 18.7 +0.6

Code Station Name Az Phase ID Time Res
MDM Murphy Dome 49.77 32 P 11 20 30.3

Code Station Name Az Phase ID Time Res
KNK Knik Glacier 49.80 36 P 11 20 18.9 +0.6

Code Station Name Az Phase ID Time Res
COEN Coen 49.94 177 P 11 20 19.8 +0.2

Code Station Name Az Phase ID Time Res
COEN Coen 49.94 177 P 11 20 25.8

Code Station Name Az Phase ID Time Res
POKR Poker Plat Res 50.11 32 P 11 20 22.8 +2.2

Code Station Name Az Phase ID Time Res
IL31 50.35 32 P 11 20 23.0 +0.6

Code Station Name Az Phase ID Time Res
ILAR Eielson Array 50.35 32 P 11 20 23.1 +0.7

Code Station Name Az Phase ID Time Res
BRVK Borovoye 50.96 313 P 11 20 26.9 -0.3

Code Station Name Az Phase ID Time Res
BRVK Borovoye 50.96 313 P 11 20 31.4

Code Station Name Az Phase ID Time Res
MCARA McCarthy VSAT 52.40 36 P 11 20 40.2 +2.3

Code Station Name Az Phase ID Time Res
UGM Wanagama 52.43 219 P 11 20 37.7 -0.9

Code Station Name Az Phase ID Time Res
KZ7K Chicken 52.49 33 Iamb 11 20 40.8 +2.1

Code Station Name Az Phase ID Time Res
KZ7K Chicken 52.49 33 Iamb 11 20 40.8

Code Station Name Az Phase ID Time Res
EGAK Eagle 52.79 32 P 11 20 42.1 +1.4

Code Station Name Az Phase ID Time Res
EGAK Eagle 52.79 32 P 11 20 53.4

Code Station Name Az Phase ID Time Res
KNRA Kununurra 52.90 195 P 11 20 42.2 +0.3

Code Station Name Az Phase ID Time Res
KNRA Kununurra 52.90 195 P 11 20 51.4

Code Station Name Az Phase ID Time Res
GSI Gunungsitoli 53.12 239 P 11 20 43.5 -0.3

Code Station Name Az Phase ID Time Res
KK31 Karatay Array 53.27 301 P 11 20 43.9 +0.7

Code Station Name Az Phase ID Time Res
KKAR Karatay Array 53.27 301 P 11 20 43.9 +0.7

Code Station Name Az Phase ID Time Res
GAR Garm 54.78 296 P 11 20 55.7 -0.1

Code Station Name Az Phase ID Time Res
GAR Garm 54.78 296 P 11 21 05.8

Code Station Name Az Phase ID Time Res
INK Inuvik 55.25 27 P 11 20 54.8 +1.3

Code Station Name Az Phase ID Time Res
CHGR Chigyarangar 55.74 266 P 11 21 03.7 -2.2

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 55.95 198 P 11 21 04.7 +0.6

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 55.95 198 P 11 21 25.1

Code Station Name Az Phase ID Time Res
WRO Warramunga Arr 56.03 188 P 11 21 03.9 -0.8

Code Station Name Az Phase ID Time Res
WRAB Tennant Creek 56.20 188 P 11 21 05.1 -0.8

Code Station Name Az Phase ID Time Res
WRO Warramunga Arr 56.20 188 P 11 21 13.6

Code Station Name Az Phase ID Time Res
WBR Warramunga Arr 56.21 188 P 11 21 05.2 -0.7

Code Station Name Az Phase ID Time Res
WRA Warramunga Arr 56.21 188 P 11 21 05.0 -0.9

Code Station Name Az Phase ID Time Res
ARU Arti 56.77 319 P 11 21 09.6 0.0

Code Station Name Az Phase ID Time Res
ARU Arti 56.77 319 P 11 21 09.6 0.0

Code Station Name Az Phase ID Time Res
ARU Arti 56.77 319 P 11 21 09.6 0.0

Code Station Name Az Phase ID Time Res
C36M Paulatuk 58.30 25 P 11 21 21.5 +1.4

Code Station Name Az Phase ID Time Res
C36M Paulatuk 58.30 25 P 11 21 22.0

Code Station Name Az Phase ID Time Res
DLBC Dease Lake 59.46 38 P 11 21 31.2 +2.7

Code Station Name Az Phase ID Time Res
DLBC Dease Lake 59.46 38 P 11 21 37.2

Code Station Name Az Phase ID Time Res
AS31 Alice Springs 59.94 188 P 11 21 31.6 -0.5

Code Station Name Az Phase ID Time Res
AS31 Alice Springs 59.94 188 P 11 21 31.4 -0.7

Code Station Name Az Phase ID Time Res
ASAR Alice Springs 59.94 188 P 11 21 31.9 -0.2

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, LZH, TLY, GTA, WMQ, WMQ, WMQ, WMQ, WMQ, ZAAO, ZAAO, NRK, NRK, MK31, MKAR, MKAR, MAK, TAPN, KURK, RAMR, GUN, PKI, PKIN, KKN, GKN, DANN, KTH, KOLN, KDJ, PYUN, TOLK, MTN, MTN, MDM, MDM, KNK, COEN, COEN, POKR, IL31, ILAR, BRVK, MCARA, UGM, KZ7K, EGAK, EGAK, KNRA, KNRA, GSI, KK31, KKAR, GAR, GAR, INK, CHGR, FITZ, WRO, WRAB, WRO, WBR, WRA, ARU, ARU, ARU, C36M, C36M, DLBC, DLBC, AS31, ASAR, ASAR, ARCES, ARCES, YKA, YKA, FIA1, YBH, YBH, KBZ, KOSA, KOSA, BMO.

Code Station Name Az Phase ID Time Res
SONM comp=Z,170nm,18.5s,baz=10,slow=38 LR LR 11 29 04.8

Code Station Name Az Phase ID Time Res
H11N2 WAKE ISLAND HY 28.01 119 T T 11 46 38.0

Code Station Name Az Phase ID Time Res
H11N1 WAKE ISLAND HY 28.01 119 T T 11 46 38.7

Code Station Name Az Phase ID Time Res
H11N3 WAKE ISLAND HY 28.02 119 T T 11 46 39.4

Code Station Name Az Phase ID Time Res
H11S1 WAKE ISLAND HY 28.68 121 T T 11 47 25.5

Code Station Name Az Phase ID Time Res
H11S3 WAKE ISLAND HY 28.68 121 T T 11 47 27.0

Code Station Name Az Phase ID Time Res
H11S2 WAKE ISLAND HY 28.70 121 T T 11 47 24.1

Code Station Name Az Phase ID Time Res
LZH Lanzhou 29.41 281 eP P 11 17 35.4 +1.4

Code Station Name Az Phase ID Time Res
LZH Lanzhou 29.41 281 eP P 11 17 44.8 +1.1

Code Station Name Az Phase ID Time Res
LZH Lanzhou 29.41 281 eP P 11 17 49.9 +8.5

Code Station Name Az Phase ID Time Res
LZH comp=Z,18nm,1.3s pmax pmax

Code Station Name Az Phase ID Time Res
LZH comp=Z,177nm,5.9s 30.64 312 LR LR 11 31 18.5

Code Station Name Az Phase ID Time Res
TLY Talay 30.64 312 LR LR 11 31 18.5

Code Station Name Az Phase ID Time Res
GTA Gaotai 32.52 288 eP P 11 17 56.2 -0.7

Code Station Name Az Phase ID Time Res
GTA Gaotai 32.52 288 eP P 11 18 00.6 -3.3

Code Station Name Az Phase ID Time Res
WMQ Urumqi 40.94 298 eP P 11 19 10.2 +1.7

Code Station Name Az Phase ID Time Res
WMQ Urumqi 40.94 298 eP P 11 19 22.6 +4.3

Code Station Name Az Phase ID Time Res
WMQ comp=Z,17nm,1.1s pmax pmax

Code Station Name Az Phase ID Time Res
WMQ comp=Z,360nm,6.9s pmax pmax

Code Station Name Az Phase ID Time Res
WMQ comp=N,980nm,7.9s LR LR

Code Station Name Az Phase ID Time Res
WMQ comp=E,780nm,4.9s LR LR

Code Station Name Az Phase ID Time Res
WMQ comp=Z,370nm,23.5s 42.24 313 P Iamb 11 19 18.5 -0.4

Code Station Name Az Phase ID Time Res
ZAAO Zalesovo Array 42.24 313 P Iamb 11 19 20.1

Code Station Name Az Phase ID Time Res
ZALV Zalesovo Beam 42.24 313 P 11 19 18.9 0.0

Code Station Name Az Phase ID Time Res
NRK Noril'sk 43.88 336 P 11 19 31.9 0.0

Code Station Name Az Phase ID Time Res
NRK Noril'sk 43.88 336 P 11 19 31.9 0.0

Code Station Name Az Phase ID Time Res
NRK Noril'sk 43.88 336 P 11 19 31.9 0.0

Code Station Name Az Phase ID Time Res
MK31 Makanchi Array 44.30 303 P 11 19 35.0 -0.7

Code Station Name Az Phase ID Time Res
MKAR Makanchi Array 44.30 303 P 11 19 35.0 +0.1

Code Station Name Az Phase ID Time Res
MKAR Makanchi Array 44.30 303 P 11 19 35.0 +0.1

Code Station Name Az Phase ID Time Res
MAK Makanchi 44.30 303 P 11 19 37.2 -0.1

Code Station Name Az Phase ID Time Res
TAPN Taplejung 45.70 275 P 11 19 47.8 +0.5

Code Station Name Az Phase ID Time Res
KURK Kurchatov 46.20 309 P 11 19 49.7 -0.9

Code Station Name Az Phase ID Time Res
RAMR Ramite 46.76 275 P 11 19 55.9 +0.2

Code Station Name Az Phase ID Time Res
GUN Gumba 46.94 276 P 11 19 57.1 0.0

Code Station Name Az Phase ID Time Res
PKI Pulchoki 47.46 276 P 11 20 00.6 -0.6

Code Station Name Az Phase ID Time Res
PKIN Phulchoki 47.47 276 P 11 20 00.8 -0.4

Code Station Name Az Phase ID Time Res
KKN Gorika 47.47 276 P 11 20 01.3 +0.2

Code Station Name Az Phase ID Time Res
GKN Gorika 47.47 277 P 11 20 04.4 0.0

Code Station Name Az Phase ID Time Res
DANN Dangsing 48.45 278 P 11 20 09.1 +0.3

Code Station Name Az Phase ID Time Res
KTH Kantishna Hill 48.60 34 P 11 20 10.3 +1.1

Code Station Name Az Phase ID Time Res
KOLN Koldanda 48.83 277 P 11 20 11.6 0.0

Code Station Name Az Phase ID Time Res
KDJ Kajisay 48.84 298 P 11 20 12.0 +0.6

Code Station Name Az Phase ID Time Res
KDJ Kajisay 48.84 298 P 11 20 12.1

Code Station Name Az Phase ID Time Res
PYUN Piuthan 49.18 278 P 11 20 14.9 +0.6

Code Station Name Az Phase ID Time Res
TOLK Toolik Lake Re 49.34 27 P 11 20 16.6 +1.9

Code Station Name Az Phase ID Time Res
TOLK Toolik Lake Re 49.34 27 P 11 20 17.6

Code Station Name Az Phase ID Time Res
MTN Manton Dam 49.68 193 P 11 20 17.5 -2.1

Code Station Name Az Phase ID Time Res
MTN Manton Dam 49.68 193 P 11 20 32.3

Code Station Name Az Phase ID Time Res
MDM Murphy Dome 49.77 32 P 11 20 18.7 +0.6

Code Station Name Az Phase ID Time Res
MDM Murphy Dome 49.77 32 P 11 20 30.3

Code Station Name Az Phase ID Time Res
KNK Knik Glacier 49.80 36 P 11 20 18.9 +0.6

Code Station Name Az Phase ID Time Res
COEN Coen 49.94 177 P 11 20 19.8 +0.2

Code Station Name Az Phase ID Time Res
COEN Coen 49.94 177 P 11 20 25.8

Code Station Name Az Phase ID Time Res
POKR Poker Plat Res 50.11 32 P 11 20 22.8 +2.2

Code Station Name Az Phase ID Time Res
IL31 50.35 32 P 11 20 23.0 +0.6

Code Station Name Az Phase ID Time Res
ILAR Eielson Array 50.35 32 P 11 20 23.1 +0.7

Code Station Name Az Phase ID Time Res
BRVK Borovoye 50.96 313 P 11 20 26.9 -0.3

Code Station Name Az Phase ID Time Res
BRVK Borovoye 50.96 313 P 11 20 31.4

Code Station Name Az Phase ID Time Res
MCARA McCarthy VSAT 52.40 36 P 11 20 40.2 +2.3

Code Station Name Az Phase ID Time Res
UGM Wanagama 52.43 219 P 11 20 37.7 -0.9

Code Station Name Az Phase ID Time Res
KZ7K Chicken 52.49 33 Iamb 11 20 40.8 +2.1

Code Station Name Az Phase ID Time Res
KZ7K Chicken 52.49 33 Iamb 11 20 40.8

Code Station Name Az Phase ID Time Res
EGAK Eagle 52.79 32 P 11 20 42.1 +1.4

Code Station Name Az Phase ID Time Res
EGAK Eagle 52.79 32 P 11 20 53.4

Code Station Name Az Phase ID Time Res
KNRA Kununurra 52.90 195 P 11 20 42.2 +0.3

Code Station Name Az Phase ID Time Res
KNRA Kununurra 52.90 195 P 11 20 51.4

Code Station Name Az Phase ID Time Res
GSI Gunungsitoli 53.12 239 P 11 20 43.5 -0.3

Code Station Name Az Phase ID Time Res
KK31 Karatay Array 53.27 301 P 11 20 43.9 +0.7

Code Station Name Az Phase ID Time Res
KKAR Karatay Array 53.27 301 P 11 20 43.9 +0.7

Code Station Name Az Phase ID Time Res
GAR Garm 54.78 296 P 11 20 55.7 -0.1

Code Station Name Az Phase ID Time Res
GAR Garm 54.78 296 P 11 21 05.8

Code Station Name Az Phase ID Time Res
INK Inuvik 55.25 27 P 11 20 54.8 +1.3

Code Station Name Az Phase ID Time Res
CHGR Chigyarangar 55.74 266 P 11 21 03.7 -2.2

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 55.95 198 P 11 21 04.7 +0.6

Code Station Name Az Phase ID Time Res
FITZ Fitzroy Crossi 55.95 198 P 11 21 25.1

Code Station Name Az Phase ID Time Res
WRO Warramunga Arr 56.03 188 P 11 21 03.9 -0.8

Code Station Name Az Phase ID Time Res
WRAB Tennant Creek 56.20 188 P 11 21 05.1 -0.8

Code Station

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like Windy Fremont, Mount Adams, Jstn Ridge Ob, Coldwater, Sugar Bowl, Cedar Flats, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like Banja Luka, Morici, Zirje, Novajia, Dugi Otok, etc.

JMA 09 13:07:34.4, 24:33N, 122:11E, h30km, 3km, M3.9, TAP 09 13:07:34.7, 24:41N, 122:09E, h23km, ML4.1, C, ASI 09 13:07:36.1, 24:43N, 122:02E, h26km, MW3.6, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like Nanao, ENAH, TWC, ENA, EGS, ILA, NACB, NACB, NTC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like KYOSHENG, YU10, YM10, YM11, YM11, CHGB, YM04, YM04, YM08, YM08, YM08, EGFH, TWS1, TWS1, ANP, OWD, OWD, NTST, NTST, TWY, TWY, NSM, NSM, NCU, NCU, NCUH, NCUH, LIOB, LIOB, NSTT, NSTT, WHP, WHP, HGSD, HGSD, SBCB, SBCB, HSN, HSN, EHY, EHY, DPDB, DPDB, SSSL, SSSL, SMLT, SMLT, SMLT, SMLT, NMLH, NMLH, TWQ1, TWQ1, YULB, YULB, NSY, NSY, EYUL, EYUL, TWF1, TWF1, TCU, TCU, WHYT, WHYT, WDJ, WDJ, WJS, WJS, WJS, WJS, FULB, FULB, WNT, WNT, WNT, WNT, IRIF, IRIF, CHKT, CHKT, WCHH, WCHH, ALS, ALS, HATJ, HATJ, CHNS, CHNS, ELDT, ELDT, EDH, EDH, WTK, WTK, CHN4, CHN4, CHN4, CHN4, TPUB, TPUB, STYT, STYT, WTP, WTP, JHY, JHY, JIU, JIU, TWGB, TWGB, TWK, TWK.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like Stephens Creek, Fitzroy Crossi, Makamchi Array, Zalesovo Beam, Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like CHN1 Nanshi, SNST Tainan City, WSF Szu, WLG B Puzi, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like HOWZ Holdsworth Sta, JCZ Jackson Bay, ODZ Otahua Downs, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like SMRC Santa Marta, M, SMRC comp=Z,2um,0.5s, etc.

IDC 09 13:29:57.0t.1.4.42.233s.172.23E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.5/24, mbtmp3.4/3, ML2.9/1, Error ellipse: s-maj=36.7km s-min=13.6km az=117.0

NEIC 09 13:29:58.6t.2.0.42.205s.0:02:17.197E:0.07, h0km, 7km, Error ellipse: s-maj=7.3km s-min=3.2km az=85.0

WEL 09 13:29:59.1t.0.4.42.212s.217.2E, h5km, M3.9/12, ML4.1/12, MLV3.9/12, Error ellipse: s-maj=0.0km s-min=0.0km az=106.4

ISC 09 13:29:58.6t.1.2.42.220s.0:02:172.00E:0.03, h7km, gkm, n139, s135/145, mb4.2/6, South Island

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like DSZ Denniston Nort, DSZ Lake Taylor, LTZ Lake Taylor, etc.

WRA Warramunga Arr 38.71 293 P P 13 37 24.2 +0.9

QSPA South Pole 47.93 180 P Amb I Amb 13 38 58.7 +1.2

SNAH Sanae 66.38 182 P P 13 40 47.2 -0.5

HHC Hu-ho-hao-te 99.08 318 P P 13 43 39.2 -0.9

LZH Lanzhou 99.70 310 P P 13 43 44.6 +1.5

KSH Kashi 118.98 298 PKP PP 13 48 48.3 +0.5

ARCES ARCCESS Array B 147.60 339 PKP Pbc 13 49 43.5 -1.0

TORD Torodi Ar. Bea 148.95 199 PKP Pbc 13 49 47.1 -2.7

VAO 09 13:35:39.1t.1.0.10.15N:72.48W, h175km, mb4.6

IDC 09 13:35:42.0t.0.5.10.02N:72.22W, h185km, mb4.6, mb3.8/15, mb1 4.0/20, mb1mx3.8/38, mbtmp4.4/20, Error ellipse: s-maj=12.6km s-min=7.5km az=50.0

NEIC 09 13:35:43.5t.1.5.9.88N:0.07:72.26W:0.08, h190km, 6km, mb4.4/194, Error ellipse: s-maj=11.6km s-min=10.4km az=74.0

ISC 09 13:35:41.4t.0.5.9.96N:0.03:72.36W:0.03, h177km, 5km, n139, s154/236/1, mb4.4/98, 12C-6D, Venezuela

Table with columns: Code, Station Name, Az, Phase, Time, Res. Includes stations like WRA Warramunga Arr, QSPA South Pole, SNAH Sanae, etc.

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

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ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

ROSC El Rosal 5.45 201 P P 13 37 04.3 +2.7

9d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SAML, ITTB, NNA, MCBP, CMIG, NPGB, 152A, HODGE, LPAZ, T59A, CPCT, W50A, X48A, SIV, PLAL, U49A, W45A, PSCGX, WVT, GO01, PB11, PB08, SSPA, SMTB, W41B, N59A, LCAR, S44A, KSPA, M56A, W39A, T42A, P55A, U40A, QU2A, FVM, L56A, ARAG, WVNY, K59A, SFIN, MMNV, P43A, J59A, S39A, J57A, ABTX, HDIL, OK031, P40A, AQDB, WMOK, LONY, DELO, TXAR, TX31, TX32, BDFB, G62A, SADO, PLVO, PKME, GGN, G65A, L42A, KS20, KAN01, K43A, F64A, L40A, LMN, JFWS, E62A, H42A, D62A, I40A, MNTX, BATG.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PCMB, E46A, CBKS, L34S, SLSB, E43A, BB19B, CPUP, PTGB, FR17B, F36A, SDCO, DRLN, EYMN, SUSD, SCSO, PET01, B35A, SMCO, PV15, PV02, PV13, PV07, PV03, PV12, U15A, P17A, KNB, MTPU, MSU, MVU, LCMT, SZCU, MPU, CCUT, PD31, PDAR, BW06, CBX, HWUT, PSUT, AHU, SPUT, LOHW, REDW, RLM3, SPRM, BGU, TPAW, MOOW, FLYW, IMW, HVU, YNE, GSC, TPNV, R11A, YHR, YMH, YHB, YHL, ELK, BOZ, MCMT, ECVY, HLD, YHR, NVAR, KVN, MFID, FFC, PLCA, PNTR, FCC, JMTM, WYOR, J05A, F10A, MOD, MOD, I07A, K05A, NEW, PINE, YBKA, E07A, H04A, LTY, E03A.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YKA, DLBC, SUMG, RES, TIC, LIC, KOWA, DBIC, DBIC, PAB, KIC, C36M, C36M, HYT, HYT, INK, INK, BARN, TGL, MCARA, TOAD, TORR, GLB, GLB, MENT, MENT, N25K, N25K, DOT, DOT, RIDG, RIDG, KLU, KLU, M24K, M24K, SCM, HDA, IL31, ILAR, GHO, GHO, PMR, PMR, RND, RND, I23K, I23K, TRF, TRF, SUA, KTH, KTH, TOLK, TOLK, TOLD, TOLD, SKT, SKT, SVW2, SVW2, TTA, SPA0, SPA2, SPB2, PPTF, PPT, LZH, LZH, CMAR, ASAR, ASAR, WRA, WRA, WRA.

Table with columns for code, station name, frequency, power, and other technical details. Includes stations like Kayabasi, Yalikavak-BoDr, Didim-Aydin, Milas, Aydin, Didim, Turunc, Turunc, Yerkelik, G?zelcaml?, G?zelcaml?, Tasuluk, Mugla, Merkez, Mula, Arkhangelos, Dalyan (Mula), Dalyan (Mula).

Table with columns: YBH, ESDC, YKA, ASAR, WRA, ZALV, KSH, MKAR, KLR, SONM. Includes station names, coordinates, and status.

Table with columns: WRA, ASAR, STKA, MKAR. Includes station names, coordinates, and status.

NEIC 09 15:54:49.5 0.7, 6.412N; 0:08.154; 47E: 0.07, h30km, 5km, mb4/4/14, Error ellipse: s-maj=1.3km s-min=9.7km az=210.0

IDD 09 15:54:51.6 1.4, 6.363S; 154.47E, h48km, 13km, mb3.9/15, mb1 4/1/20, mb1mx3.8/57, mbtmp4.2/20, ML4/1/4, MSK3.1/5, Ms1 3.1/5, ms1mx2.9/36, Error ellipse: s-maj=1.5, s-min=10.3km az=41.0

ISC 09 15:54:51.3 0.5, 6.363S; 0:06.154; 49E: 0.06, h48km, n55, 0:088/27, mb4.2/20, Bougainville-Solomon Islands

Main table for Bougainville-Solomon Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like RABL, KRVT, HNR, PMG, etc.

Table with columns: NVAR, LPIG, PDAR, TORO, TORO. Includes station names, coordinates, and status.

IDD 09 16:01:49.6 2.0, 5.222N; 165.94W, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.4/52, mbtmp3.8/4, Error ellipse: s-maj=492.1km s-min=47.4km az=163.0

Main table for Bougainville-Solomon Islands region (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like OKFG, OKSU, MGOD, etc.

IDD 09 16:29:04.9 2.9, 24.125S; 179.82E, h494km, 25km, mb3.2/7, mb1 3.4/7, mb1mx3.1/31, mbtmp4.0/7, Error ellipse: s-maj=60.6km s-min=19.6km az=153.0

NEIC 09 16:29:04.6 1.4, 24.55S; 0:2.179; 9E: 0.1, h494km, 8km, mb4.2/16, Error ellipse: s-maj=24.3km s-min=8.4km az=151.0

ISC 09 16:29:04.8 0.7, 24.55S; 0:1x180; 0E: 0.1, h500km, n33, 0:074/34, mb3.9/13, South of Fiji Islands

Main table for South of Fiji Islands region. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like MNSV, NIUE, BHZ, etc.

Main table for Bougainville-Solomon Islands region (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AMIL, COHC, GYEB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GLI, M24K, FID, KLU, BMAR, RIDG, DOT, VREDI, CRQM, BKAR, BARM, MK31, ISLE, MAKZ, MAKZ, BARN, YAH, CTGM, DAWY, INK, INK, HYT, CHTO, CHTO, CMAR, YKA, ABKAR, FINES, WB0, WR0, WB2, WRA, FCC, ASAR, PDAR.

NNC 09 17:44:34.2, 2.7, 40.71N, 69.83E, h0km, mb3.8, mpv3.7, Error ellipse: s-maj=18.2km s-min=11.4km az=29.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YNGY, TAS, CHMG, BTk, BTK, TRKS, IUG, IUG, IUG, NAM, FRG, CHM, GAR, DRK, CHGR, BRLS, BRLS, OHH, OHH, KK31, DZA, DZA, ARSB, MNAS, SFK.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SFK, AML, MRKS, MRKS, MRKS, KST, KST, KST, BTLS, BTLS, BTLS, KUU, KUU, KUU, MAN 09 17:48:32.7, 9.98N, 124.20E, h23km, mb4.4, ML3.3, MS3.0, 3D, Mindanao.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LLP, LLP, LLP, MSLP, MSLP, OCLP, CGP, GUIM, GUIM, GLSP, BUKP, BUKP, PAGZ, NEIC 09 17:51:16.6, 1.6, 6.48S, 0.05, 154.31E, 0.06, h29km, 5km, mb4.3/12, Error ellipse: s-maj=9.9km s-min=6.0km.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, KRVT, KRVT, HNR, HNR, HNR, PMG, PMG, PMG, DZM, DZM, DZM, WR0, WR0, WB0, WRAB, WRAB, WB2, WB2, WRA, WRA, AS31, ASAR, ASAR, H1S1, H1S1, H1S1, FITZ, FITZ, FITZ, TPUB, SSSLB, CMAR, TAPN, ODAN, GUNBA, PKI, PKI, KKN, DMN, GKN, KOLN, DANN, PYUN, MKAR, ILAR, ZALV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RABL, KRVT, KRVT, HNR, HNR, HNR, PMG, PMG, PMG, DZM, DZM, DZM, WR0, WR0, WB0, WRAB, WRAB, WB2, WB2, WRA, WRA, AS31, ASAR, ASAR, H1S1, H1S1, H1S1, FITZ, FITZ, FITZ, TPUB, SSSLB, CMAR, TAPN, ODAN, GUNBA, PKI, PKI, KKN, DMN, GKN, KOLN, DANN, PYUN, MKAR, ILAR, ZALV.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GSPA, NVAR, TORD, TORD.

REY 09 17:57:01.9, 64.69N, 17.47W, h1km

ICC 09 17:57:02.8, 1.4, 64.53N, 17.73W, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.4/52, mbtmp3.6/4, ML4.0/1, Error ellipse: s-maj=40.0km s-min=14.5km az=13.0

ISC 09 17:57:02.1, 1.0, 64.70N, 17.03, 17.47W, 0.02, h4km, 8km, n29, 91505/40, mb3.6/3, Iceland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IVON, IVON, IURH, IDJK, IHAM, IGRF, IGRF, IKVE, IKVE, IHUS, IHUS, ISKR, ISKR, IVOT, IVOT, IKRE, IKRE, IJOK, IJOK, IMKO, IMKO, IMEO, IMEO, IIEY, IIEY, IKSK, IKSK, IVSH, IVSH, IKAL, IKAL, IKAL, IVAT, IVAT, IADA, IADA, IADA, IHVE, IHVE, IMEL, IMEL, IREN, IREN, IKVO, IKVO, ISNB, ISNB, IGRS, IGRS, BORG, BORG, BORG, EKA, EKA, MKAR, MKAR, TORD, TORD, PDAR, PDAR.

REY 09 18:00:03.0, 64.67N, 17.53W, h0km

ICC 09 18:00:04.1, 0.4, 64.54N, 17.72W, h0km, mb4.3/25, mb1 4.5/30, mb1mx4.3/57, mbtmp4.3/30, ML2.8/4, MS3.9/23, Ms1 3.9/23, ms1mx3.8/43, Error ellipse: s-maj=14.9km

BUJ 09 18:00:06.5, 0.65, 13N, 173.4W, h10km, mb5.3/20, mb4.6/35, Ms4.8/1

GCMT 09 18:00:07.2, 0.4, 64.69N, 17.61W, 0.08, h19km, 1km, MW4.8/72, Moment Tensor Solution, s15c16, s72c86, Duration: 0 Moment tensor: Scale 1016Nm; Mr-2.69; 2B; Mw0.89; 13; Mw0.18; 14; Mw0.35; 39; Mw0.03; 08; Mw0.61; 33; Best double couple: Mo2.38500e+10; NP1: 0.336, 0.00000, 0.339, 0.00000, -1, -103, 0.00000; NP2: 0.172, 0.00000, 0.52, 0.00000, -1, 80, 0.00000. Principal axes: T 1.9560, Plg6.0000, Azm255.0000; P 0.8570, Plg8.0000, Azm346.0000; N -2.8140, Plg80.0000, Azm128.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 09 18:00:08.2, 1.9, 64.58N, 17.44W, 0.2, h13km, 3km, mb4.9/135 Error ellipse: s-maj=12.3km s-min=9.3km az=202.0

MOS 09 18:00:09.4, 1.1, 64.71N, 17.44W, h35km, mb4.8/29, MS4.2/5, Error ellipse: s-maj=9.2km s-min=6.5km az=115.9

ISC 09 18:00:05.7, 0.6, 64.67N, 17.52W, 0.02, h1km, 3km, n396, 9174/395, mb4.8/137, MS3.9/26, 37C-5D, Iceland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IVON, IVON, IDJK, IDJK, IURH, IURH, IGRF, IGRF, IKVE, IKVE, IHUS, IHUS, ISKR, ISKR, IVOT, IVOT, IJOK, IJOK.

Table with columns: IZ2A, DRAEGER FARM, 43.70 277, P, P, 18 08 12.7 +1.0, etc. Includes stations like DUG, DUGWAY, TOOLEE, SAN RAFAEL SWE, etc.

Table with columns: DUG, DUGWAY, TOOLEE, 56.63 294, P, P, 18 09 51.6 +1.6, etc. Includes stations like SAN RAFAEL SWE, NYSSONGER MESA, PARADOX VALLEY, etc.

Table with columns: comp=Z,2.7nm,1.1s,baz=111,slow=1.9,SNR=3.7, etc. Includes station names like RABL, KRVT, HNR, etc. and various technical details.

Table with columns: LZH, comp, sP, P, 18 11 46.7 -11. Includes stations like Lanzhou, Songino Array, Lhasa, Vanda, etc.

ISK 09 18:01:38.9, 36.93N; 42.33E, h5km, ML3.5/16
DDA 09 18:01:39.5, 36.91N; 42.35E, h19km, ML3.2
ISM 09 18:01:41.3, 1.5, 37.00N; 42.69E, h0km, 5km, ML3.5

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Sirt, Mosul, MSL, etc.

Table with columns: MAZI, comp, P, 18 12 09.2 -1.1. Includes stations like Mazidag, Guroymak-BITLI, Hakkari_Yksek, etc.

ISC 09 18:07:09.1, 1.1, 29.03N; 139.77E, h488km, 15km, mb3.1/9, mb1.3, 2/12, mb1mx3.9/61, mbtmp4.0/12, Error ellipse: s-maj=31.7km s-min=1.9km az=74.0

JMA 09 18:07:09.1, 0.2, 28.98N; 139.84E, h487km, M3.8
ISC 09 18:07:09.3, 0.7, 29.07N; 140.10E, h500km, n21, i163/30, mb3.4/9, Southeast of Honshu

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like Chichijima, Chichijima, etc.

ISC 09 18:09:12.5, 47.8, 1.21S-31.01E, h0km, Error ellipse: s-maj=176.2km s-min=108.7km az=107.0, Lake Victoria region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like NIAROBI INFRAS, NIAROBI, etc.

ISC 09 18:48:55.1, 0.9, 34.99N; 35.26W, h0km, mb3.8/13, mb1.4, 0/13, mb1mx3.8/40, mbtmp3.8/13, MS3.6/4, Ms1.3, 7/4, ms1mx3.3/43, Error ellipse: s-maj=27.2km s-min=19.9km az=159.0

ISC 09 18:48:56.0, 0.9, 35.00N; 35.35W, 0.1, h10km, n19, i0572/15, mb3.8/13, MS3.6/4, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like NORARS Subarra, NORARS Array B, etc.

comp=2.0, 8nm, 0.8s, baz=320, slow=5.5, SNR=8.3
SUR Sutherland 85.19 135 LR 19 34 30.1

IDC 09 19:08:38.5, 22.0, 18.98S; 178.01W, h461km, 253km, mb3.1/4, mb1.3, 4/4, mb1mx3.0/43, mbtmp4.0/4, Error ellipse: s-maj=232.2km s-min=63.4km az=158.0
NEIC 09 19:04:30.0, 3.0, 19.2S; 0.4, 178.1W, 0.2, h483km, 24km, mb4.1/11, Error ellipse: s-maj=60.6km s-min=26.2km az=186.0

ISC 09 19:08:40.8, 0.8, 19.1S; 0.3x3, 178.0W, 0.1, h500km, n20, i1508/20, mb4.0/10, Fiji Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like NONSUV, NIUE, etc.

BJI 09 19:23:34.0, 0.0, 59.10S; 25.40W, h30km, mb5.7/3, Ms5.5/3, Ms7.5, 1/3

NEIC 09 19:23:36.4, 1.7, 59.99S; 0.09, 25.6W, 0.2, h51km, 4km, mb5.1/63, Error ellipse: s-maj=15.7km s-min=10.3km az=222.0

IDC 09 19:23:36.0, 2.5, 59.02S; 25.66W, h46km, 21km, mb4.5/13, mb1.4, 6/14, mb1mx4.4/23, mbtmp4.8/14, ML5.4/1, MS3.9/17, Ms1.3, 9/17, ms1mx3.9/25, Error ellipse: s-maj=20.2km s-min=13.8km az=67.0

ISC 09 19:23:34.5, 0.3, 59.01S; 0.07, 25.70W, 0.07, h35km, n152, i1518/155, mb5.1/40, MS4.0/17, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time, Res. Includes stations like HOPE, NEUMAYER-STAT, etc.

9d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists various stations like JNN, JYAK, JMNT, etc.

IDC 09 20:03:42.7, 1.3, 7.22N, 126.26E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/47, mbtmp3.7/5, ML3.1/1, MS2.8/1, Ms1 2.8/1, ms1mx2.4/51, Error ellipse: s-maj=28.6km s-min=10.8km az=3.0

NEIC 09 20:03:43.7, 1.3, 7.22N, 126.26E, h0km, mb4.6km, mb4.3/10, Error ellipse: s-maj=15.2km s-min=7.4km az=176.0

MAN 09 20:03:46.0, 7.22N, 126.03E, h33km, mb4.5, ML3.3, MS3.1, ISC 09 20:03:45.2, 1.2, 7.17N, 126.04E, 0.05, h16km, 9km, n32, c177/39, mb4.1/9, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like MATI, DAV, DAV, etc.

TIR 09 20:11:19.4, 42.07N, 19.97E, h0km, 2km, Md2.5, BEO 09 20:11:19.4, 0.3, 42.04N, 19.82E, h1km, 2km, ML2.0/7, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like PUK, PUK, BCI, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like PDG, PDG, PESH, etc.

ROM 09 20:13:10.1, 0.43374N, 0.0002, 12.516E, 0.004, h9km, ML2.0/11, 5C-1D, Error ellipse: s-maj=0.3km s-min=0.2km az=267.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like AVT, AVT, MURB, etc.

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

FRON Frontone 0.21 47 P S Pg Sg 20 13 15.0 +0.5 20 13 18.7 +1.3

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GUC 09 20:14:11.8, 0.5, 19.73S, 69.01W, h104km, 2km, ML3.9, IDC 09 20:14:14.3, 0.9, 19.70S, 68.55W, h136km, 10km, mb3.2/4, mb1 3.5/8, mb1mx3.4/5, mbtmp3.7/8, Error ellipse: s-maj=20.9km s-min=8.9km az=100.0

ISC 09 20:14:11.3, 0.8, 19.73S, 0.04, 69.10W, 0.07, h103km, 6km, n22, c1994/37, mb3.4/4, 6C-6D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like G001, G001, etc.

ROM 09 20:13:10.1, 0.43374N, 0.0002, 12.516E, 0.004, h9km, ML2.0/11, 5C-1D, Error ellipse: s-maj=0.3km s-min=0.2km az=267.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, BCI, baz, etc. Lists stations like TA02, TA02, etc.

IDC 09 20:17:28.1, 1.6, 3.35S, 145.51E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.6/45, mbtmp3.7/7, ML3.6/1, Error ellipse: s-maj=60.9km s-min=24.1km az=106.0

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

ISC 09 20:17:31.1, 1.8, 3.55S, 0.2, 145.7E, 0.5, h23km, n7, c0933/7, mb3.6/6, Near north coast of New Guinea

9d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03N3, H03N1, H03N2, etc.

IDC 09 20:49:59.2, 0.32, 56N, 141.39E, h41km, 20km, mb3.7/10, mb1 4.0/12, mb1mx3.6/45, mbtmp3.9/12, ML3.9/2, MS3.1/1, Ms1 3.1/1, ms1mx2.6/44, Error ellipse: s-maj=17.4km s-min=9.2km az=63.0

NEIC 09 20:49:59.2, 0.32, 58N, 0.06, 141.45E, 0.09, h38km, 7km, mb4.6/23, Error ellipse: s-maj=10.6km s-min=9.1km az=85.0

NEIC 09 20:49:59.2, 0.32, 58N, 0.06, 141.45E, 0.09, h38km, 7km, mb4.6/23, Error ellipse: s-maj=10.6km s-min=9.1km az=85.0

NIED 09 20:50:01.0, 0.32, 75N, 141.40E, h51km, MW3.9, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mn=0.66, Mw=4.61, Mw=3.94, Mw=3.83, Mw=0.34, Mw=4.27, Fault plane solution: Mw7.17000x10^14 NP1: 0s132.00000, 887.00000, -174.00000, 0s227.00000, 837.00000, -174.00000

JMA 09 20:50:01.0, 0.32, 75N, 141.40E, h51km, M4.1, ISC 09 20:49:59.0, 1.8, 32.61N, 0.05, 141.43E, 0.06, h32km, 13km, n84, c150/90, mb4.5/22, Southeast of Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAOM, JAOM, JHJ2, etc.

2014 DEC

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

IDC 09 21:10:13.7, 0.9, 4.89S, 102.84E, h0km, mb4.3/16, mb1 4.3/17, mb1mx1.4/37, mbtmp4.2/17, ML3.9/1, MS2.6/1, Ms1 2.6/1, ms1mx2.4/38, Error ellipse: s-maj=38.0km s-min=13.1km az=51.0

NEIC 09 21:10:20.5, 1.6, 5.04S, 0.06, 102.86E, 0.04, h51km, 8km, mb4.3/19, Error ellipse: s-maj=8.9km s-min=3.3km az=206.0

DJA 09 21:10:22.0, 4.5, 5.4S, 103.3E, h40km, 17km, M4.3/12, mb5.2/17, mb4.4/3, MLV4.2/12, Mw(mb)4.5/1, ISC 09 21:10:21.2, 2.9, 0.9, 5.02S, 0.07, 102.90E, 0.06, h58km, 8km, mb4.6, 089/67, mb4.3/25, Southern Sumatra

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

480

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

IDC 09 21:17:18.9, 75.7, 0.7709N, 90.78E, h0km, Error ellipse: s-maj=382.7km s-min=167.5km az=99.0, Near coast of northern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I34MN, I34MN, I53US, etc.

WEL 09 21:19:46.1, 0.8, 38S, 168.0E, h33km, M3.4/25, mb5.7/1, ML3.7/25, MLV3.4/25, Mw(mb)5.2/1, Error ellipse: s-maj=0.0km s-min=0.0km az=23.2, Off east coast of North Island

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

NEIC 09 21:34:52.5, 1.2, 10.8S, 1.165, 7E, 0.1, h47km, 7km, mb4.3/8, Error ellipse: s-maj=19.5km s-min=8.9km az=222.0

IDC 09 21:34:53.1, 3.9, 10.84S, 1.65, 7E, 0.1, h47km, 7km, mb1 4.0/12, mb1mx3.8/40, mbtmp4.1/12, ML4.2/2, MS3.6/9, Ms1 3.6/9, ms1mx3.3/48, Error ellipse: s-maj=27.4km s-min=21.1km az=84.0

ISC 09 21:34:52.0, 0.8, 10.88S, 0.08, 165.7E, 0.1, h35km, n29, c1539/27, mb4.1/11, MS3.6/7, Santa Cruz Islands

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

SOME 10 00:51:02.1, 43°08N-81°47E, h10km
NWC 10 00:51:03.3, 1.1, 43°10N-81°48E, h0km, mb4.2, mpv3.9,
Error ellipse: s-maj=8.5km s-min=5.2km az=147.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for PDGK, DJR, ZJN, etc.

Table with columns: KUU, KST, BOOM, DGS, ZSN, ZNS, SGDS, AAK, ARLS, BRLS, MRKS, MRKS, SEM, KURBB, KURBB, KK31, ZALV, ZALV, SONM, KIRV. Contains station data for KUU, KST, BOOM, etc.

IDC 10 01:05:23.0-1.7, 29°23N-101°95E, h0km, mb3.3/4,
mb1 3.5/4, mb1mx3.3/4.5, mbtmp3.3/4, MS3.4/1, Ms1 3.4/1,
ms1 3.6/4, mb1mx3.2/39, mbtmp3.8/4, ML2.9/2, MS3.0/3,
Ms1 3.0/3, ms1mx2.7/23, Error ellipse: s-maj=234.2km
s-min=25.7km az=57.0, Sichuan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for MKAR, ZALV, KURBB, etc.

NEIC 10 01:10:40.1, 8.7, 1°15S-0°2'155.7E, 0.1, h10km, 1km, mb4.2/6,
Error ellipse: s-maj=35.0km s-min=12.5km az=23.0

IDC 10 01:10:54.8, 9.0, 6°39S-154°43E, h10km, 63km, mb3.3/2,
mb1 3.6/4, mb1mx3.2/39, mbtmp3.8/4, ML2.9/2, MS3.0/3,
Ms1 3.0/3, ms1mx2.7/23, Error ellipse: s-maj=72.5km
s-min=61.6km az=123.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for MKAR, ZALV, KURBB, etc.

IDC 10 01:19:52.0-0.3, 29°26N-130°79E, h25km, 5km, M3.4,
Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for JNN, JYAK, JMTN, etc.

Table with columns: JAMN, JTSR, JTK, JTK, JSU, JNAR, JNKG. Contains station data for JAMN, JTSR, JTK, etc.

IDC 10 01:20:40.0-2.0, 39°61N-124°78E, h0km, mb3.1/1,
mb1 3.2/3, mb1mx3.0/63, mbtmp3.2/3, ML2.6/2, Error
ellipse: s-maj=26.1km s-min=18.3km az=22.0, North
Korea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for KSRS, USRK, USRK, etc.

IDC 10 01:25:18.1, 1.9, 26°58N-141°73E, h40km, 19km, mb3.9/8,
mb1 4.0/8, mb1mx3.5/61, mbtmp4.1/8, Error ellipse:
s-maj=36.0km s-min=20.2km az=109.0

JMA 10 01:25:19.8, 26°54N-142°40E, h56km, M3.6,
JMA Felt 1 J1
NEIC 10 01:25:19.0, 1.9, 26°6N-0°1'141°7E-0.2, h48km, 9km,
mb4.4/12, Error ellipse: s-maj=28.2km s-min=5.5km
az=130.0

IDC 10 01:25:17.5-0.7, 26°57N-10°141°60E-0.08, h35km, n32,
c087/29, mb4.3/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for JHH2, CBJU, CBJJ, etc.

IDC 10 01:26:03.2-3.7, 6°46S-154°82E, h0km, mb3.5/3,
mb1 3.8/5, mb1mx3.4/46, mbtmp3.5/3, Error ellipse:
s-maj=129.2km s-min=39.2km az=117.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for PMG, WRA, ASAR, etc.

IDC 10 01:26:46.0-2.6, 6°20S-154°36E, h0km, mb3.6/3,
mb1 3.9/5, mb1mx3.6/47, mbtmp3.8/4, ML3.9/2, Error
ellipse: s-maj=64.1km s-min=32.0km az=98.0,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for KRVT, CTA, WRA, etc.

IDC 10 01:30:07.9, 1.7, 6°36S-154°74E, h0km, mb3.8/5,
mb1 4.0/7, mb1mx3.7/46, mbtmp3.9/7, ML3.0/2, Error
ellipse: s-maj=52.3km s-min=28.7km az=124.0

IDC 10 01:30:14.9, 1.4, 6°45S-0°2'154°7E-0.2, h48km, n8,
c088/10, mb3.7/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, Time, Res, ISC. Contains station data for PMG, WRA, etc.

Table with columns: Station, Name, Azimuth, Elevation, Frequency, and other parameters.

NNC 10 07:13:04.9-0.5, 50.04N:78.84E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=14.3km s-min=2.2km az=68.0, Suspected Mining explosion

IDC 10 07:13:05.2-1.5, 50.04N:78.74E, h0km, mb1.2/6.2, mb1mx2.6/47, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=15.3km s-min=9.0km az=63.0

ISC 10 07:13:05.0-2.4, 50.09N:07:07.785E:0.3, h0km, n16, c0553/27, 19C-4d, Eastern Kazakhstan

Main station list table for the first section, including stations like KUR07, KUR06, KUR16, etc.

NEIC 10 07:15:28.4-2.6, 21.41S:01:176.3E:0.1, h16km, 2km, mb4.2/6, Error ellipse: s-maj=16.7km s-min=11.2km az=131.0

IDC 10 07:15:33.8-2.2, 21.16S:175.91E, h41km, 18km, mb4.1/17, mb1.4/3.20, mb1mx4.2/40, mbtmp4.3/20, ML3.8/2, MS3.8/14, Ms1.3/14, ms1mx3.6/39, Error ellipse: s-maj=21.1km s-min=10.4km az=34.0

ISC 10 07:15:32.2-0.5, 21.23S:0106.176E:0.09, h35km, n68, c1259/64, mb4.3/17, MS3.6/9, South of Fiji Islands

Main station list table for the second section, including stations like MSVF, MSVF, MSVF, etc.

Main station list table for the third section, including stations like TXAR, SONM, PDAR, TLY, YKA, etc.

IDC 10 07:16:44.4-1.9, 1.73N:126.27E, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.6/44, mbtmp4.0/3, Error ellipse: s-maj=17.6km s-min=23.1km az=65.0

NEIC 10 07:16:49.1-2.1, 1.91N:07:126.7E:0.1, h35km, 2km, mb4.2/7, Error ellipse: s-maj=23.1km s-min=5.1km

DJA 10 07:16:51.7-0.3, 2.14N:127.06E:0.1, h10km, M4.3/8, mb4.7/1, mb4.6/3, MLV4.2/8, Mw(MB)3.9/1

ISC 10 07:16:45.1-0.9, 2.21N:107:127.0E:0.1, h10km, n25, c2502/26, mb4.3/7, IC, Northern Molucca Sea

Main station list table for the fourth section, including stations like TINTI, TINTI, TINTI, etc.

IDC 10 07:29:58.1-1.4, 9.54S:124.96E, h0km, mb4.1/2, mb1.4/1.5, mb1mx3.7/33, mbtmp3.9/5, ML3.7/3, Error ellipse: s-maj=98.6km s-min=24.7km az=66.0, Terror region

Main station list table for the fifth section, including stations like FITZ, FITZ, FITZ, etc.

UPP 10 07:32:13.4-2.1, 66.94N:12:84E, h0km, ML2.4, Suspected explosion

Main station list table for the sixth section, including stations like NBB40, NBB40, NBB40, etc.

Table with columns: TOF, comp, Z, 21nm, 0.5s, Torneo, 4.64, 95, eS, Pn, 07 33 24.6 +1.1, 07 34 17.1 -0.3, 07 34 21.8, etc.

Table with columns: GUC, 10 07:37:22.3, 0.6, 32.1, 16S, 71.86W, h42km, 5km, ML3.0, etc.

Table with columns: MT02, Curacav, 1.27, 149, iP, Pn, 07 37 44.1 0.0, 07 38 00.8 +0.1, 07 38 05.0, etc.

WEL 10 07:42:36.9, 1.1, 38°S, 7°17'9"E, h33km, M3.4/33, ML3.6/32, MLv3.4/33, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, etc.

JSN 10 07:46:50.5, 4.0, 18.09N, 82.08W, h48km, 999km, IDC 10 07:46:56.1, 1.0, 18.89N, 81.38W, h0km, mb3.5/6, etc.

ISC 10 07:46:57.0, 0.8, 19.05N, 0.06E, 81.18W, 0.05, h10km, n30, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, etc.

Table with columns: ROSC, El Rosal, 15.63, 154, LR, LR, 07 57 59.9, etc.

RSNC 10 07:54:57.0, 1.2, 6.82N, 73.15W, h146km, 4km, ML3.0, Mw3.5, 3C-4D, Fault plane solution: NP1, p62.00000°, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, etc.

IDC 10 07:55:33.5, 3.1, 59.77S, 150.38E, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.9/38, mbtmpp3.6/7, ML4.0/1, MS3.7/10, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like EALB Alboran, EMEL Melilla, MELI Melilla, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like OKGL comp=N,12nm,0.2s,SNR=7.9, EPLA Plasencia, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like WSI Waingapu, EDFI Ende, BSSI Bau Bau, etc.

NEIC 10 11:05:09.2:1.7, 8:0S:0.1:120.4E:0.1, h213km,8km,

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Pinyon Flats O, Pinyon Flats O, Mt. Diablo Mer, Columbia Colle, etc.

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

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like K27K, AMTX, AMTX, AMTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GADA Gvkgeada, URLA Izmir, EZN Ezine, etc.

KRSZO 10 13:14:19.9,0.45,49N;16.08E,h7km,6km,ML2.3,Error ellipse: s-maj=2.7km s-min=2.5km az=115.0

BUD 10 13:14:20.8,45.50N;16.12E,h10km,2km,ML2.3/1 VIE 10 13:14:21.5,45.53N;15.90E,h10km,1km,mb2.2/4, ml2.5/7, Error ellipse: s-maj=2.9km s-min=2.1km az=135.0 30 km S of Zagreb

BEO 10 13:14:21.9,0.4,45.54N;16.02E,h0km,ML2.4/5 RHSSO 10 13:14:21.6,0.3,45.47N;16.02E,h5km,3km,ML2.6/6

ISC 10 13:14:20.2,1.0,45.48N;0.01,16.07E,0.02,h10km,8km,n69,c0558/157,3C-1D,Northeastern Balkan Peninsula

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

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

ISC 10 13:18:12.9,1.7,4.25S;133.47E,h0km,mb3.7/2, mb1.3/9.6,mb1mx3.7/26,mbtm3.7/6,ML3.7/4,Error ellipse: s-maj=66.1km s-min=22.3km az=69.0

ISC 10 13:18:18.4,1.2,4.33S;0.08;133.3E;0.2,h35km,n6,c277/10,Irian Jaya region

Code Station Name Az Az' Phase ID Time Res h m s ISC

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, ASAR, CTA, MKRAN.

IDC 10 13:50:57.7,0.7,41.98N;119.63W,h0km,mb3.3/2, mb1.3/7.7,mb1mx3.6/39,mbtm3.4/7,ML3.3/5,MS3.6/2, Ms1.3.6/2,ms1mx3.1/20,Error ellipse: s-maj=9.9km s-min=5.4km az=11.0

REN 10 13:50:58.2,2.0,41.84N;0.04;119.61W;0.03,h5km,6km,ML4.2/3,mb4.0/1(NEIC),ML4.0/32(SEA),Mwr4.1/70(NEIC), Error ellipse: s-maj=5.3km s-min=3.5km az=175.0

SEA 10 13:50:58.1,2.3,41.82N;0.04;119.56W;0.06,h0km,6km, Error ellipse: s-maj=6.1km s-min=5.0km az=79.0

NEIC 10 13:50:58.2,41.84N;119.61W,h0km,Moment Tensor Solution: Moment tensor: Scale 10^15Nm: M=0.52, Fault Mw=0.46; Mw1.03; Mw=0.42; Mw=0.02; Mw=1.18; Fault plane solution: M1.54000x10^15 NP1.9;20.56000; 675.76000; -1.71.83000; NP2.0;147.40000; 822.94000; -1.140.88000; Principal axes: T 1.6797,Plg29.0000; Azm96.0000; N -0.3233,Plg18.0000; Azm196.0000; P -1.3564,Plg56.0000; Azm314.0000;

NEIC 10 13:50:58.2,2.2,41.92N;0.04;119.58W;0.03,h5km,5km Error ellipse: s-maj=5.4km s-min=3.5km az=167.0

ANF 10 13:50:59.8,0.3,41.98N;119.68W,h15km,ML4.0/15, Error ellipse: s-maj=3.8km s-min=2.5km az=39.0

ISC 10 13:50:57.9,1.3,41.89N;0.03;119.61W;0.03,h3km,11km, n107,c0597/115,Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOD Modoc Plateau, WWR Wild Horse Val, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCZ Jackson Bay, MLZ Mavora Lakes, EAZ Earnsclough, etc.

IDC 10 15:25:12.1±2.1, 2.08N, 126°50'E, h0km, mb3.4/3, mb1.3/0.3, mb1mx3.3/3.1, mbtmp3.4/3, Error ellipse: s-maj=182.8km, s-min=28.8km, az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GTOI Gorontalo, AFSI Ampapa, WRA Warramunga Arr, etc.

WEL 10 15:32:27.9±0.3, 42°52'x17°2'E, h5km, M3.4/23, M3.3/6, M3.4/23, Error ellipse: s-maj=0.0km, s-min=0.0km, az=110.9, South Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DSZ Denniston Nort, INZ Inchbonnie, LTZ Lake Taylor, etc.

IDC 10 15:44:52.1±0.8, 2°04'N, 126°36'E, h0km, mb3.9/9, mb1.4/0.10, mb1mx3.9/4.0, mbtmp3.9/10, M3.4/1, MS3.0/2, MS1.3/0.2, ms1mx3.7/4.3, Error ellipse: s-maj=44.7km, s-min=14.7km, az=72.0

NEIC 10 15:44:53.9±2.8, 2.13N±0.05, 126°60'E±0.08, h10km±1km, mb3.4/18, Error ellipse: s-maj=14.6km, s-min=7.2km, az=66.0

DJA 10 15:44:59.7±0.9, 2°12'N±2'12"E±1.1, h33km±13km, M4.1/12, mb4.9/2, mb4.2/5, MLV4.1/12, Mw(m)4.2/2

ISC 10 15:44:59.2±0.6, 2.06N±0.04, 126°57'E±0.06, h47km±9km, s150/54, mb4.1/16, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TMTI Ternate, SGTI Sangihe, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRAB Tennant Creek, WRA Warramunga Arr, WBR2 Warramunga Arr, etc.

OMAN 10 16:06:14.1±0.4, 27°57'N, 56°93'E, h6km±4km, m13.0/10, Error ellipse: s-maj=2.8km, s-min=1.9km, az=131.0

TEH 10 16:06:14.8, 27°58'N, 56°84'E, h16km±ML3.1, ISC 10 16:06:12.3±0.8, 27°11'N±0.04, 57°01'E±0.06, h10km±n21, s086/23, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KHNJ Kahnooj, GENO Geno, SHME Sham, BANOM Banah, etc.

IDC 10 16:07:07.0±0.7, 2°37'S, 121°17'W, h0km, mb4.3/16, mb1.4/4/18, mb1mx1.4/6.4, mbtmp4.3/18, M3.7/2, MS3.8/11, MS1.3/8/11, ms1mx3.6/37, Error ellipse: s-maj=19.1km, s-min=16.0km, az=129.0

NEIC 10 16:07:09.5±1.1, 2.22S±0.09, 121°14'W±0.1, h10km±1km, mb4.5/13, Error ellipse: s-maj=20.1km, s-min=13.6km, az=290.0

ISC 10 16:07:09.4±0.5, 2°32'S±0.08, 120°0'W±0.1, h10km±n96, s183/75, mb4.5/25, MS3.8/10, 12C-9D, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H10N2 ASCENSION HYDR, H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BOSA comp=Z,1.2bn,1.2s, KMBO Kilima Mbingo, CPUP comp=Z,2.18bn,19.6s, bazz=244, slow=34, etc.

IDC 10 16:10:55.5±1.9, 7°39'S, 122°05'E, h0km, mb3.7/1, mb1.4/2/3, mb1mx3.5/36, mbtmp4.0/3, ML4.1/2, MS3.8/11, MS1.3/8/11, ms1mx3.0/32, Error ellipse: s-maj=280.7km, s-min=27.3km, az=60.0

NEIC 10 16:11:17.4±1.5, 8°15'S±0.1, 121°91'E±0.08, h219km±8km, mb4.1/9, Error ellipse: s-maj=19.6km, s-min=10.6km, az=199.0

DJA 10 16:11:18.0±0.5, 8°S±3'x12°21'E±1.1, h198km±5km, M3.6/11, mb3.5/1, MLV3.7/11

ISC 10 16:11:16.8±0.7, 8°34'S±0.06, 122°82'E±0.05, h215km±6km, n30, s111/38, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EDFI Ende, Flores, MMRI Maumere, MMRI Maumere, etc.

Table with columns: GUN, Gumba, 15.06 123 eP, Pn, 19 58 34.6 -1.0, etc.

REY 10 19:58:35.3, 64.66N:17.39W, h1km
IDC 10 19:58:37.5, 0.8, 64.64N:17.19W, h0km, mb3.8/13,
mb1 4, 1/15, mb1mx3.7/58, mbtmp3.8/15, ML3.4/2, MS3.8/2,
Ms1 3.8/2, ms1mx3.3/46, Error ellipse: s-maj=25.5km
s-min=14.2km az=39.0

NEIC 10 19:58:38.1, 2.9, 64.5N:0.1, 17.7W:0.2, h10km, 5km,
mb4.6/26, Error ellipse: s-maj=16.4km s-min=10.1km
az=210.0

ISC 10 19:58:37.0, 5.6, 64.66N:0.02, h10km, n90,
c2509/93, mb4.3/24, Iceland

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

Table with columns: OBN, Obninsk, 27.83 84 LR, LR, 20 13 44.6, etc.

MOS 10 20:27:49.3, 1.1, 19.07N:121.29E, h18km, mb5.2/37,
MS4.8/6, Error ellipse: s-maj=6.9km s-min=4.1km
az=115.7

MAN 10 20:27:53.0, 19.27N:121.02E, h23km, mb5.8, ML4.8,
MS5.3

MAN Intensity IV - Claveria, Cagayan; Intensity III - Laoag City;
Intensity II - Buguey, Cagayan

GCMT 10 20:27:53.8, 0.2, 19.32N:0.01, 120.83E:0.01, h50km, 1km,
MM5.2/103, Moment Tensor Solution. s81.c116;
s103.c169; Duration: 1s0 Moment tensor: Scale 1016
Nm; Mn:4.60±.22; M00:0.97±.18; M01:3.63±.19;
M02:3.10±.17; M04:4.68±.14; M05:4.84±.20; Best double
couple: Ms8.23300±1.6e8 NP1:±45.00000±.823.00000±.
λ102.00000±. NP2:±212.00000±.δ67.00000±.λ85.00000±.

Principal axes: T 6.9680, Plg67.0000°, Azm113.0000°;
N 2.5290, Plg5.0000°, Azm214.0000°; P -9.4970,
Plg22.0000°, Azm306.0000°; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

IDC 10 20:27:53.7, 1.4, 19.07N:121.26E, h37km, 11km, mb4.6/40,
mb1 4.6/42, mb1mx4.5/54, mbtmp4.8/42, ML1.1/2, MS4.5/22,
Ms1 4.5/22, ms1mx4.3/57 Error ellipse: s-maj=11.8km
s-min=7.2km az=73.0

NEIC 10 20:27:54.8, 1.6, 19.13N:0.05, 121.17E:0.08, h46km, 5km,
mb5.0/16, Error ellipse: s-maj=11.4km s-min=6.2km
az=118.0

KLM 10 20:28:01.0, 19.39N:121.36E, h134km, mb5.1,
BUJ 10 20:28:04.0, 0.0, 20.14N:120.44E, h20km, mb5.4/45,
mb5.0/58, ML4.9/1, MS4.9/62, Ms7.4/870

ISC 10 20:27:55.0, 0.5, 19.21N:0.02, 121.23E:0.04, h45km, 4km,
h629, ±157/655, mb4.9/144, MS4.6/39, 24C-30D,
Philippine Islands region

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

Table with columns: QIZ, comp=E, 3um, 19.6s, LR, LR, 20 30 22.6 -4.0, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like BKB, CM34, CM35, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like MDJ, USRK, USRK, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like FITZ, FITZ, KRVT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MOTA Moosalm, RETA Reutte, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEIC 10 21:03:39.2, KEA 10 21:03:39.0, JMA 10 21:03:40.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TATO Taipei, TWC Suao, TWE Neicheng, etc.

IDC 10 20:28:40.1, 2.288S, 139.04E, h0km, mb3.6/4, mb1.3/6, mb1mx3.5/42, mbmtpp3.7/6, ML3.8/2, Error ellipse: s-maj=26.6km s-min=13.5km az=161.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAY Jayapura, WARR Warrungarra, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NEIC 10 21:03:43.25, NEIC 10 21:03:50.1, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROM 10 20:37:54.0, ATPI Pietralunga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWS1 Kuangyinshan, TWS1 Taipei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWS1 Kuangyinshan, TWS1 Taipei, etc.

BGR 10 21:03:35.4, 0.0, 25.46N, 124.42E, h260km, mb6.3, BUI 10 21:03:38.1, 0.0, 25.45N, 122.40E, h260km, mb6.3/61, mb6.1/74

TAP 10 21:03:39.1, 25.45N, 122.61E, h269km, ML6.7, MOS 10 21:03:39.5, 0.8, 25.60N, 122.46E, h272km, mb6.2/63, MS4.9/5, Error ellipse: s-maj=5.4km s-min=3.3km az=110.4

NEIC 10 21:03:39.3, 1.6, 25.54N, 122.45E, h260km, mb6.3/61, mb6.1/74

10d 21h

| | | | | | | |
|-------|------------------------|------------|------|------------|------------|------|
| SMLT | baz=220 | S | S | 21 04 57.4 | -4.7 | |
| TYC | Yuchr baz=233 | 2.18 222 | ↑P | Pn | 21 04 24.6 | -1.3 |
| TYC | baz=233 | S | S | 21 04 57.9 | -4.1 | |
| SSLB | Suangleung baz=223 | 2.21 219 | ↑P | Pn | 21 04 24.9 | -1.3 |
| SSLB | baz=223 | S | S | 21 04 58.5 | -4.2 | |
| JTJ | Tarama | 2.21 113 | ↑P | Pn | 21 04 24.9 | -1.3 |
| JTJ | Ruisui | 21 04 58.6 | -3.9 | Pn | 21 04 25.2 | -1.3 |
| HGSD | baz=214 | 2.24 205 | ↑P | eS | 21 04 59.2 | -3.8 |
| HGSD | baz=214 | eS | S | 21 04 59.2 | -3.8 | |
| WCHH | Zhanghua baz=239 | 2.25 231 | ↑P | Pn | 21 04 25.6 | -0.9 |
| WCHH | baz=239 | S | S | 21 05 00.4 | -2.8 | |
| WCHH | baz=239 | S | S | 21 05 00.4 | -2.8 | |
| WHT | Hungye baz=212 | 2.27 208 | ↑P | Pn | 21 04 24.4 | -2.4 |
| WHT | Mingjian baz=229 | 2.31 225 | ↑P | Pn | 21 04 25.9 | -1.1 |
| WNT | baz=229 | iS | S | 21 05 01.2 | -2.9 | |
| WJS | Zhushan baz=233 | 2.32 223 | ↑P | Pn | 21 04 26.1 | -1.1 |
| WJS | baz=233 | iS | S | 21 05 01.7 | -2.7 | |
| WHYT | Xinyi Township baz=224 | 2.34 219 | ↑P | Pn | 21 04 26.3 | -1.1 |
| WHYT | baz=224 | S | S | 21 05 02.0 | -2.8 | |
| MATB | Ma-tsu baz=286 | 2.35 286 | ↑P | Pn | 21 04 26.4 | -1.0 |
| MATB | baz=286 | eS | S | 21 05 01.6 | -3.1 | |
| YULB | Yu-li baz=213 | 2.38 207 | ↑P | Pn | 21 04 25.4 | -2.4 |
| YULB | baz=213 | S | S | 21 04 58.6 | -6.8 | |
| YULB | Yu-li baz=213 | 2.38 207 | ↑P | Pn | 21 04 25.3 | -2.5 |
| YULB | Yuli baz=212 | 2.41 206 | ↑P | Pn | 21 04 25.8 | -2.4 |
| PTTC | Pingtang baz=271 | 2.43 270 | ↑P | Pn | 21 04 26.9 | -1.3 |
| PTTC | baz=271 | eS | S | 21 05 02.5 | -3.7 | |
| XPSS | Dashiqiu baz=304 | 2.47 305 | ↑P | Pn | 21 04 27.6 | -0.9 |
| XPSS | baz=304 | eS | S | 21 05 03.6 | -3.2 | |
| ALS | Alishan baz=227 | 2.51 217 | ↑P | Pn | 21 04 28.3 | -1.1 |
| ALS | baz=227 | S | S | 21 05 05.1 | -3.2 | |
| RLNB | Erlin baz=237 | 2.51 230 | ↑P | Pn | 21 04 27.9 | -1.1 |
| RLNB | baz=237 | S | S | 21 05 04.5 | -3.2 | |
| CHNS | Tsauling baz=225 | 2.52 221 | ↑P | Pn | 21 04 28.2 | -1.0 |
| CHNS | baz=225 | S | S | 21 05 05.0 | -2.9 | |
| WGK | Gukeng baz=235 | 2.52 224 | ↑P | Pn | 21 04 28.1 | -1.0 |
| WDLH | Douliu baz=232 | 2.54 224 | ↑P | Pn | 21 04 28.2 | -1.0 |
| WDLH | baz=232 | eS | S | 21 05 04.5 | -3.5 | |
| JIRB | Iraujima baz=205 | 2.55 105 | ↑P | Pn | 21 04 28.3 | -1.1 |
| JIRB | baz=205 | S | S | 21 05 03.7 | -4.6 | |
| FULB | Fuli baz=205 | 2.55 205 | ↑P | Pn | 21 04 28.0 | -1.5 |
| FULB | baz=205 | eS | S | 21 05 05.6 | -2.9 | |
| JIKM | Ikemajima | 2.59 103 | ↑P | Pn | 21 04 28.9 | -0.9 |
| JIKM | baz=205 | S | S | 21 05 07.9 | -3.3 | |
| CHKT | Chengkung baz=205 | 2.62 203 | ↑P | Pn | 21 04 28.4 | -1.7 |
| CHKT | baz=205 | eS | S | 21 05 05.2 | -4.4 | |
| LYJJ | Jianjiangzhen baz=293 | 2.63 293 | ↑P | Pn | 21 04 29.4 | -0.8 |
| LYJJ | baz=293 | eS | S | 21 05 06.7 | -3.0 | |
| JMJ | Miyako jima 2 baz=104 | 2.66 105 | ↑P | Pn | 21 04 30.6 | +0.1 |
| JMJ | baz=104 | eS | S | 21 05 05.9 | -4.3 | |
| WMLT | Mailiao baz=237 | 2.67 230 | ↑P | Pn | 21 04 29.4 | -1.1 |
| ELDTW | Lidau baz=213 | 2.68 210 | ↑P | Pn | 21 04 29.5 | -1.3 |
| ELDTW | baz=213 | eS | S | 21 05 07.2 | -3.6 | |
| CHN2 | Minshiang baz=223 | 2.69 223 | ↑P | Pn | 21 04 29.8 | -1.0 |
| CHN2 | baz=223 | S | S | 21 05 07.6 | -3.2 | |
| JMJ2 | Miyako jima3 | 2.71 106 | ↑P | Pn | 21 04 30.4 | +0.6 |
| JMJ2 | baz=214 | S | S | 21 05 08.5 | -2.7 | |
| CHY | Chiayi baz=222 | 2.75 223 | ↑P | Pn | 21 04 30.2 | -1.1 |
| CHY | baz=222 | eS | S | 21 05 07.1 | -4.7 | |
| CHN4 | Tsashan baz=217 | 2.76 219 | ↑P | Pn | 21 04 30.5 | -1.0 |
| CHN4 | baz=217 | eS | S | 21 05 09.6 | -2.5 | |
| JOGS | Gusukube baz=217 | 2.78 105 | ↑P | Pn | 21 04 30.3 | -1.3 |
| JOGS | baz=217 | S | S | 21 05 09.2 | -3.1 | |
| WSF | Szhu baz=227 | 2.78 228 | ↑P | Pn | 21 04 30.6 | -1.1 |
| WSF | baz=227 | iS | S | 21 05 09.5 | -2.9 | |
| TPUB | Ta-pu baz=217 | 2.78 217 | ↑P | Pn | 21 04 30.6 | -1.2 |
| TPUB | baz=217 | S | S | 21 05 07.9 | -4.6 | |
| TPUB | Ta-pu baz=217 | 2.78 217 | ↑P | Pn | 21 04 30.1 | -1.6 |
| TPUB | VWUC baz=261 | 2.78 260 | ↑P | Pn | 21 04 30.3 | -1.4 |
| VWUC | baz=261 | eS | S | 21 05 08.4 | -4.0 | |
| STYT | Tauyuan baz=214 | 2.82 214 | ↑P | Pn | 21 04 31.3 | -0.9 |
| STYT | baz=214 | iS | S | 21 05 09.8 | -3.6 | |
| WTP | Ta-pu baz=220 | 2.83 217 | ↑P | Pn | 21 04 31.1 | -1.1 |
| WTP | baz=220 | eS | S | 21 05 10.8 | -2.7 | |
| WLG B | Puzi baz=232 | 2.84 224 | ↑P | Pn | 21 04 30.4 | -1.9 |
| WLG B | baz=232 | eS | S | 21 05 08.9 | -4.6 | |
| TKW | Hsinying baz=218 | 2.88 219 | ↑P | Pn | 21 04 31.8 | -1.0 |
| TKW | baz=218 | iS | S | 21 05 10.2 | -4.3 | |
| SNST | Tainan City baz=228 | 2.92 218 | ↑P | Pn | 21 04 32.1 | -1.0 |
| SNST | baz=228 | S | S | 21 05 11.0 | -4.0 | |
| CHN1 | Nanshi baz=219 | 2.93 217 | ↑P | Pn | 21 04 32.2 | -1.1 |
| CHN1 | baz=219 | iS | S | 21 05 11.7 | -3.6 | |
| SGST | Jiashan baz=222 | 2.98 216 | ↑P | Pn | 21 04 32.1 | -1.6 |
| SGST | baz=222 | eS | S | 21 05 12.3 | -4.0 | |
| TWG | Pinlang baz=208 | 2.98 206 | ↑P | Pn | 21 04 31.6 | -2.2 |
| TWG | baz=208 | eS | S | 21 05 13.1 | -3.2 | |
| TWG | Pinlang baz=208 | 2.98 206 | ↑P | Pn | 21 04 31.5 | -2.2 |
| TWG | Beinan baz=208 | 2.98 205 | ↑P | Pn | 21 04 31.6 | -2.2 |
| TWG | baz=208 | eS | S | 21 05 11.3 | -5.0 | |
| CHN8 | Yiju baz=231 | 2.99 224 | ↑P | Pn | 21 04 32.9 | -1.0 |
| CHN8 | baz=231 | iS | S | 21 05 13.5 | -2.9 | |

2014 DEC

| | | | | | | |
|-------|------------------------|----------|------|------------|------------|------|
| TTN | Taitung baz=208 | 3.01 204 | eP | Pn | 21 04 32.7 | -1.4 |
| SLGT | Liugui baz=215 | 3.02 214 | ↑P | Pn | 21 04 33.6 | -0.6 |
| SLGT | baz=215 | S | S | 21 05 14.0 | -3.0 | |
| PTMZ | Houxiangcun baz=263 | 3.06 262 | ↑P | Pn | 21 04 33.3 | -1.3 |
| PTMZ | baz=263 | eS | S | 21 05 14.1 | -3.6 | |
| CHN3 | Shinhua baz=227 | 3.10 219 | ↑P | Pn | 21 04 34.9 | -0.1 |
| CHN3 | baz=227 | eS | S | 21 05 17.5 | -1.0 | |
| SCLT | Jiali baz=219 | 3.13 222 | ↑P | Pn | 21 04 34.6 | -0.6 |
| SCLT | baz=219 | iS | S | 21 05 16.3 | -2.7 | |
| MHZQ | Yeshan baz=281 | 3.15 281 | ↑P | Pn | 21 04 34.5 | -1.0 |
| MHZQ | baz=281 | eS | S | 21 05 16.0 | -3.2 | |
| TAI1 | Yung-k'ang baz=223 | 3.21 220 | eP | Pn | 21 04 36.0 | -0.2 |
| TAI1 | baz=223 | eS | S | 21 05 18.7 | -1.9 | |
| ECL | Taimali baz=209 | 3.23 206 | ↑P | Pn | 21 04 34.5 | -2.0 |
| ECL | baz=209 | eS | S | 21 05 16.8 | -4.2 | |
| SSD | Sandimen baz=208 | 3.24 211 | ↑P | Pn | 21 04 36.1 | -0.4 |
| SSD | baz=208 | eS | S | 21 05 16.8 | -4.3 | |
| TWM1 | Shoushan baz=213 | 3.28 215 | ↑P | Pn | 21 04 37.3 | +0.4 |
| TWM1 | baz=213 | eS | S | 21 05 20.7 | -1.3 | |
| PNG | Penghu baz=234 | 3.29 234 | ↑P | Pn | 21 04 35.7 | -1.4 |
| PNG | baz=234 | S | S | 21 05 18.1 | -4.1 | |
| PHUB | Peng-hu baz=236 | 3.31 233 | ↑P | Pn | 21 04 35.9 | -1.4 |
| PHUB | baz=236 | S | S | 21 05 18.8 | -3.7 | |
| SGLT | Jiouru baz=210 | 3.32 213 | ↑P | Pn | 21 04 37.8 | +0.4 |
| SGLT | baz=210 | eS | S | 21 05 21.8 | -1.0 | |
| MASBT | Mashibuluo baz=213 | 3.35 210 | ↑P | Pn | 21 04 37.2 | -0.5 |
| MASBT | baz=213 | eS | S | 21 05 20.1 | -3.4 | |
| SNJT | Kaoshiung City baz=218 | 3.38 216 | ↑P | Pn | 21 04 38.0 | 0.0 |
| SNJT | baz=218 | eS | S | 21 05 22.8 | -1.1 | |
| WDGT | Dunghii baz=226 | 3.41 229 | ↑P | Pn | 21 04 37.3 | -1.0 |
| WDGT | baz=226 | eS | S | 21 05 19.5 | -5.0 | |
| EAST | Anshuo baz=209 | 3.46 206 | ↑P | Pn | 21 04 37.9 | -1.1 |
| EAST | baz=209 | eS | S | 21 05 21.9 | -3.9 | |
| TAW | Tawu baz=208 | 3.47 205 | ↑P | Pn | 21 04 37.7 | -1.3 |
| TAW | baz=208 | eS | S | 21 05 21.0 | -4.7 | |
| SSPT | Xinbi baz=208 | 3.49 210 | ↑P | Pn | 21 04 39.0 | -0.2 |
| SSPT | baz=208 | eS | S | 21 05 22.1 | -4.1 | |
| KAU | Kaoshiung City baz=223 | 3.55 214 | eP | Pn | 21 04 39.7 | -0.2 |
| QZH | Quanzhou baz=223 | 3.55 261 | ↑P | Pn | 21 04 38.6 | -1.3 |
| QZH | comp=N,9µm,1.8s | S | Smax | Smax | 21 05 23.6 | -3.7 |
| QZH | comp=E,10µm,1.5s | S | Smax | Smax | | |
| QZH | comp=N,15µm,6.4s | LR | LR | LR | | |
| QZH | comp=E,11µm,7.5s | LR | LR | LR | | |
| SCZT | Fangliu baz=207 | 3.57 209 | ↑P | Pn | 21 04 39.4 | -0.7 |
| SCZT | baz=207 | eS | S | 21 05 23.3 | -4.4 | |
| LAY | Lan-yu baz=195 | 3.57 194 | ↑P | Pn | 21 04 39.6 | -0.7 |
| VCHM | Cimei baz=233 | 3.60 231 | ↑P | Pn | 21 04 39.4 | -1.1 |
| VCHM | baz=233 | S | S | 21 05 24.4 | -4.0 | |
| WLCH | Luqiu baz=214 | 3.69 211 | ↑P | Pn | 21 04 42.1 | +0.6 |
| WLCH | baz=214 | eS | S | 21 05 28.1 | -2.1 | |
| TWP | Hsiaoliuchiu baz=214 | 3.71 212 | ↑P | Pn | 21 04 42.1 | +0.4 |
| TWP | baz=214 | eS | S | 21 05 28.0 | -2.6 | |
| KNM | Kinmen baz=256 | 3.82 254 | ↑P | Pn | 21 04 43.0 | +0.1 |
| KNM | baz=256 | S | S | 21 05 31.4 | -1.3 | |
| KNMB | Chin-men Tao baz=256 | 3.85 255 | ↑P | Pn | 21 04 41.8 | -1.3 |
| KNMB | baz=256 | eS | S | 21 05 28.6 | -4.7 | |
| KNMB | Chin-men Tao baz=256 | 3.85 255 | ↑P | Pn | 21 04 41.9 | -1.3 |
| KNMB | Hengchun baz=206 | 3.85 205 | ↑P | Pn | 21 04 42.9 | -0.4 |
| TWK1 | Hengchun baz=206 | 3.88 203 | ↑P | Pn | 21 04 43.0 | -0.7 |
| TWK1 | baz=206 | eS | S | 21 05 29.5 | -4.6 | |
| TWKBT | Hengchun baz=206 | 3.88 203 | ↑P | Pn | 21 04 43.0 | -0.6 |
| TWKBT | baz=206 | eS | S | 21 05 29.0 | -5.0 | |
| SNW | Nanwan baz=207 | 3.88 204 | eP | Pn | 21 04 43.6 | -0.1 |
| TSEB | Hengchuen, Pin baz=205 | 3.89 202 | ↑P | Pn | 21 04 43.5 | -0.2 |
| TSEB | baz=205 | eS | S | 21 05 30.8 | -3.4 | |
| JKE | Kume jima 2 | 3.97 78 | P | Pn | 21 04 43.2 | -1.4 |
| JKE | baz=200 | S | S | 21 05 31.6 | -4.2 | |
| AXDP | Jialang baz=263 | 4.12 262 | ↑P | Pn | 21 04 45.5 | -0.8 |
| AXDP | baz=263 | S | S | 21 05 35.3 | -3.6 | |
| JAGN | Aguni-jima | 4.43 75 | P | Pn | 21 04 47.9 | -1.9 |
| JAGN | baz=252 | S | S | 21 05 40.3 | -5.0 | |
| ZZJH | Jiuhuzhen baz=252 | 4.51 257 | ↑P | Pn | 21 04 50.1 | -0.8 |
| ZPLA | Ao Xicun baz=252 | 4.57 251 | ↑P | Pn | 21 04 50.6 | -1.0 |
| JOW | Kunigami baz=75 | 5.38 75 | eP | Pn | 21 04 59.6 | -1.7 |
| SSE | Sheshan | 5.66 349 | P | Pn | 21 05 04.5 | -0.1 |
| SSE | comp=N,1µm,6.6s | LR | LR | LR | 21 06 08.6 | -3.5 |
| SSE | comp=E,6µm,7.6s | LR | LR | LR | | |
| SSE | Sheshan | 5.66 349 | P | Pn | 21 05 04.3 | -0.2 |
| VDOS | Pratas Island | 7.14 229 | eP | Pn | 21 05 23.0 | 0.0 |
| NJ2 | Nanjing | 7.23 335 | ↑P | Pn | 21 05 23.7 | -0.3 |
| NJ2 | comp=N,600nm,1.8s | S | Smax | Smax | 21 06 49.9 | +2.4 |
| NJ2 | comp=E,970nm,2.0s | S | Smax | Smax | | |
| NJ2 | comp=N,17µm,5.7s | LR | LR | LR | | |
| NJ2 | comp=E,28µm,7.3s | LR | LR | LR | | |
| NJ2 | comp=Z,25µm,6.9s | LR | LR | LR | | |
| JMZ | Minamidaito 2 | 7.91 86 | P | Pn | 21 05 31.3 | -1.3 |
| JMZ | Minamidaito 2 | 7.91 86 | P | Pn | 21 05 31.6 | -1.0 |

| | | | | | | |
|------|-------------------|----------|------|------|------------|------|
| JKDJ | Kitadaitoujima | 7.98 85 | ↑P | Pn | 21 05 32.3 | -1.1 |
| GZH | Guangzhou | 8.66 256 | ↑P | Pn | 21 05 36.4 | -5.7 |
| GZH | comp=N,1µm,1.5s | S | Smax | Smax | 21 07 08.2 | -12 |
| GZH | comp=E,930nm,1.5s | S | Smax | Smax | | |
| WHN | Wuhan | 8.73 307 | ↑P | Pn | 21 05 43.0 | +0.1 |
| WHN | comp=Z,960nm,0.9s | S | ScS | ScS | 21 07 22.3 | +0.2 |
| WHN | comp=Z,16µm,3.9s | S | S | S | 21 18 23.4 | +1.1 |
| WHN | comp=N,19µm,5.1s | S | S | S | | |
| WHN | comp=E,26µm,6.5s | S | S | S | | |
| WHN | comp=Z,33µm,5.9s | S | | | | |

10d 21h

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KULM, KBKI, IPM, etc.

2014 DEC

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WMQ, GRJI, TBJI, etc.

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Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MA2, MA2, MA2, etc.

10d 21h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MODS, BRY, WERD, BUM, GUNZ, etc.

2014 DEC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BRY, ASSE, WERD, BUM, GUNZ, etc.

512

Table with columns for station name, frequency, mode, and signal strength. Includes stations like FETA, AHRW, ILULI, etc.

IDC 11 00:06:28.8+0.8, 42.01N:119.65W, h0km, mb2.6/1, mb1 3.4/6, mb1mx3.3/51, mbtmp3.0/6, ML3.2/5, Error ellipse: s-maj=10.8km s-min=5.6km az=14.0, ANF 11 00:06:29.4+1.6, 41.82N:119.62W, h8km, 1.6km, ML3.8/9, Error ellipse: s-maj=7.3km s-min=3.6km az=89.0, REN 11 00:06:29.9+2.9, 41.86N:0.04:119.61W:0.05, h6km, 6km, ML3.8/4, ML3.6/19(SEA), Error ellipse: s-maj=6.4km s-min=4.5km az=211.0, SEA 11 00:06:30.7+2.7, 41.85N:0.04:119.64W:0.05, h2km, 8km, Error ellipse: s-maj=5.5km s-min=5.1km az=59.0, NEIC 11 00:06:31.1+2.1, 41.89N:0.009:119.67W:0.05, h1km, 6km, Error ellipse: s-maj=5.3km s-min=0.9km az=80.0, ISC 11 00:06:30.5+1.2, 41.90N:0.003:119.66W:0.03, h4km, 10km, n64, c151175, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists various stations like Modoc Plateau, Lakeview, Wild Horse Val, etc.

PRE 11 00:20:16.5+1.2, 22.63S:32.85E, h5km, ML2.6, ISC 11 00:20:12.0+1.7, 22.29S:0.06:32.7E:0.1, h10km, n9, c11012, Mozambique

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Mopani, Bulawayo, Pongola, etc.

WEL 11 00:29:13.8, 42.5S:172E, h10km, 4km, M2.8/8, ML2.8/8, ML2.8/8, Error ellipse: s-maj=0.0km s-min=0.0km az=138.0, South Island

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

Table with columns: DSZ, Denniston Nort, 0.40 341, P, Pb, 00 29 22.9 -0.1, etc.

IDC 11 00:31:15.5+1.1, 1.70S:78.58W, h0km, mb3.9/6, mb1 4.0/9, mb1mx3.8/6, mbtmp3.9/9, ML3.8/3, MS3.5/4, Ms1 3.5/4, n79, c169/84, mb4.0/6, Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists numerous stations including COHC, AMIL, MILAGRO, etc.

ISC 11 00:39:43.0+2.6, 11.54N:101.144E:0.09, h27km, n32, c0599/33, mb4.5/19, Western Caroline Islands

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

Table with columns: MYLDM, Lahad Datu, 23.54 256, P, Iamb, 00 44 53.3 +1.7, etc.

BUI 11 00:43:15.4+0.0, 11.13N:141.95E, h34km, mB5.4/37, mb5.0/56, Ms4.7/9, Ms7.4/6/9, MOS 11 00:43:21.5+0.8, 11.60N:141.43E, h46km, mb5.2/62, Error ellipse: s-maj=7.7km s-min=4.6km az=110.6, NEIC 11 00:43:22.1+1.7, 11.58N:141.47E:0.08, h35km, 1km, mb5.1/49, Error ellipse: s-maj=13.5km s-min=11.8km az=310.0, IDC 11 00:43:24.0+1.9, 11.61N:141.47E, h52km, 17km, mb4.5/28, mb1 4.7/32, mb1mx4.6/37, mbtmp4.8/32, ML4.6/4, MS4.0/15, Ms1 4.0/15, ms1mx3.8/46, Error ellipse: s-maj=12.6km s-min=9.5km az=102.0, DJA 11 00:43:23.0+0.5, 12.12N:144.2E, h41km, 7km, Ms2/24, mb5.1/24, mB5.6/8, MLV5.4/1, Mw(m)B5.1/8, Mw(m)5.5/4, ISC 11 00:43:20.7+2.1, 11.61N:104.4141.50E:0.05, h27km, n453, c1115/448, mb5.1/53, Ms4.2/16, 12C-9D, Western Caroline Islands

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

11d Oh

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NEA2, I23K, COLC, etc.

2012 DEC

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KIV, LPSR, VSR, etc.

520

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WUAZ, 214A, NOA, etc.

SKHL 11 00:53:45.8,0.4,44.94N,151.03E,h35km,5m,mb4.3/2
JMA 11 00:53:46.0,0.5,45.52N:150.36E,h174km,M3.7
ISC 11 00:53:45.7,3.8,45.65N,0.2,150.3E,0.2,h200km,n17,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like KUR, KUR, KUR, etc.

WEL 11 00:57:02.9,37.5,5.177E:,h301km,7km,M3.4,0.66
MLV3,4/66,Error ellipse: s:maj=0.0km s-min=0.0km
az=10.3,North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like OMRZ, OMRZ, OMRZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RIGZ Rimuhau, MBZA Motupatu North, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BER 11 01:12:36.9,2.9,71:70N,3:30W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, KBZ Khabaz, etc.

IDC 11 01:10:27.6,0.6,2.25N,126.68E, h0km, mb4.1/4, mb1 4.2/15, mb1mx4.0/43, mbtmp4.1/15, ML3.7/1, MS3.7/1, Ms1 3.7/1, ms1mx3.0/27, Error ellipse: s-maj=38.6km s-min=12.5km az=76.0

NEIC 11 01:10:33.9,1.1,2.29N,0.08,127.16E,0.09, h49km, 9km, mb4.2/10, Error ellipse: s-maj=15.5km s-min=8.9km az=55.0

DJA 11 01:10:33.7,1.0,2.2N,127.7E, h34km, 18km, M4.2/10, mb4.8/2, mb4.4/3, ML4.1/10, Mw/mb4.1/2

ISC 11 01:10:33.0,0.5,2.40N,0.05,127.24E,0.07, h35km, n42, s=154/48, mb4.1/16, 1C, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TINTI Ternate, SGTI Sangihe, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like N2SV S,rvyGeng, N2VA Virje, etc.

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

| | | | | | | |
|---------------------------------------------|-------------------------------------------|-----------|------|------|------------|------|
| JTS | Castillo | 7.39 115 | eP | Pn | 01 23 44.3 | -0.7 |
| CASO | Arenal 1 | 7.39 115 | eP | Pn | 01 22 27.9 | +2.8 |
| ARE1 | Finca Cedeo | 7.39 115 | eP | Pn | 01 22 28.2 | +3.1 |
| CEDE | Laguna La Fe, P | 7.39 120 | eP | Pn | 01 22 28.8 | +2.6 |
| LAFE | JACO Garabito | 7.83 120 | eP | Pn | 01 22 14.4 | +3.3 |
| JACO | Heredia | 8.13 116 | eP | Pn | 01 22 36.7 | +1.4 |
| HDC | La Lucha 2 | 8.35 117 | eP | Pn | 01 22 42.8 | +4.4 |
| LCR2 | Rio Macho | 8.46 117 | eP | Pn | 01 22 42.9 | +3.0 |
| RIMA | Cerro de Muert | 8.65 118 | eP | Pn | 01 22 46.5 | +3.8 |
| CDM | Dominical | 8.71 120 | eP | Pn | 01 22 47.1 | +3.9 |
| EDDO | Perez Mercedes | 8.80 118 | eP | Pn | 01 22 48.0 | +4.0 |
| PEZE | Las Mercedes | 8.93 119 | eP | Pn | 01 22 50.5 | +4.3 |
| EDLM | Palmar Norte | 9.21 120 | eP | Pn | 01 22 54.4 | +4.4 |
| EDPN | Durika | 9.23 118 | eP | Pn | 01 22 54.3 | +3.8 |
| DRKO | Puerto Jimnez | 9.56 122 | eP | Pn | 01 22 57.4 | +2.5 |
| PTU1 | San Vito | 9.69 119 | eP | Pn | 01 22 56.4 | +3.3 |
| EDSV | Morella | 11.00 304 | Pn | Pn | 01 23 18.6 | +3.9 |
| MOIG | Zacatecas | 13.82 312 | Pn | Pn | 01 23 56.4 | +3.0 |
| ZAIG | Mount Denham | 14.17 70 | Pn | Pn | 01 23 59.1 | +1.2 |
| MTDJ | Chaparral WMA, baz=152,SNR=7.5 | 16.28 334 | P | P | 01 24 28.0 | 0.0 |
| 833A | Chaparral WMA, baz=152,SNR=7.5 | 16.28 334 | P | P | 01 24 28.0 | -0.4 |
| SJCC | San Jacinto, C | 16.43 102 | eP | Pn | 01 24 25.6 | -2.2 |
| DBBC | Dabeiba | 16.45 112 | eP | Pn | 01 24 29.3 | +1.2 |
| HKT | Hockley | 16.64 347 | eP | Pn | 01 24 32.6 | +0.7 |
| UREC | San Jos de Ur | 17.86 109 | eP | Pn | 01 24 31.7 | -0.4 |
| 060A | Indian Mtn | 17.89 119 | eP | Pn | 01 24 34.4 | +0.2 |
| 441A | DeRidder | 17.02 355 | Iamb | Iamb | 01 24 37.0 | +0.4 |
| 441A | | | | | 01 24 44.0 | |
| DWPF | comp=Z,54nm,0.7s | 17.12 32 | P | P | 01 24 37.7 | -0.1 |
| | Disney Wildern | | | | | |
| | baz=215 | | | | | |
| CBOC | Ciudad Bolivar | 17.14 116 | eP | Pn | 01 24 36.8 | -0.1 |
| PLMC | San Jos del P | 17.38 119 | eP | Pn | 01 24 39.7 | 0.0 |
| HELX | Santa Helena | 17.42 114 | eP | Pn | 01 24 38.2 | -2.3 |
| ZARC | Zaragoza, Cau | 17.50 109 | eP | Pn | 01 24 32.2 | -8.8 |
| 342A | Flaggon Creek P | 17.59 358 | P | P | 01 24 44.1 | +1.2 |
| 342A | | | | | 01 24 49.2 | |
| 656A | Willston | 17.66 27 | P | P | 01 24 44.2 | +0.6 |
| 656A | | | | | 01 24 48.5 | |
| 344A | comp=Z,104nm,0.9s | 17.67 2 | P | P | 01 24 44.5 | +0.8 |
| 344A | Westbrook Farm | | | | 01 25 03.1 | |
| 346A | comp=Z,55nm,0.9s | 17.69 6 | Iamb | Iamb | 01 24 44.3 | +0.3 |
| 346A | Big Creek Wild | | | | 01 24 50.8 | |
| SMLC | San Martin de | 17.79 104 | eP | Pn | 01 24 42.2 | -2.5 |
| YOTC | Yotoco, Valle | 17.82 121 | eP | Pn | 01 24 45.9 | +0.1 |
| BROT | Brewton | 17.85 13 | P | P | 01 24 47.7 | +2.0 |
| 194 | | | | | | |
| BRAL | Brewton | 17.85 13 | P | P | 01 24 46.3 | +0.6 |
| BRAL | | | | | 01 24 52.3 | |
| 435B | comp=Z,94nm,0.9s | 17.88 343 | P | P | 01 24 48.7 | +2.6 |
| 435B | Jarrell | | | | | |
| | baz=161 | | | | | |
| GUY2C | Guyana, Caldas | 18.02 116 | eP | Pn | 01 24 49.1 | +0.9 |
| NATX | Nacogdoches | 18.19 351 | P | P | 01 24 51.6 | +2.1 |
| NATX | Nacogdoches | 18.19 351 | Iamb | Iamb | 01 24 56.0 | |
| RREF | El Recreo | 18.19 117 | eP | Pn | 01 24 49.1 | -1.1 |
| PTBC | PUERTO BERRIO, | 18.23 111 | eP | Pn | 01 24 49.4 | -0.8 |
| BBAC | Balboa, Cauca | 18.28 128 | eP | Pn | 01 24 52.2 | +1.3 |
| NORC | Norcasia | 18.29 115 | eP | Pn | 01 24 52.3 | +1.4 |
| ANIL | Santa Ana | 18.35 337 | P | Pn | 01 24 46.4 | +7.7 |
| JCT | Junction City | 18.35 337 | P | Pn | 01 24 53.3 | +1.8 |
| JCT | Junction City | 18.35 337 | Pn | Pn | 01 24 52.7 | +1.2 |
| TOLC | Tolima | 18.37 118 | eP | Pn | 01 24 54.6 | +2.4 |
| POPC | Popayan, Colom | 18.40 126 | eP | Pn | 01 24 50.9 | +0.6 |
| VBMS | Vicksburg | 18.44 3 | P | Pn | 01 24 54.6 | +2.1 |
| 183 | | | | | | |
| VBMS | Vicksburg | 18.44 3 | Iamb | Iamb | 01 25 01.6 | |
| HPIG | comp=Z,86nm,1.1s | 18.66 317 | Pn | Pn | 01 24 56.8 | +1.3 |
| GOTF | Rioblanco | 18.70 127 | eP | Pn | 01 24 59.3 | +3.0 |
| SCUF | Volcan Galeras | 18.73 130 | eP | Pn | 01 24 56.7 | +0.1 |
| PCON | Cinco Dias | 18.75 126 | eP | Pn | 01 24 57.5 | +0.6 |
| ORTC | Ortega, Tolima | 18.78 120 | eP | Pn | 01 24 55.9 | -0.3 |
| PAEZ | Paez Belalcaza | 18.79 124 | eP | Pn | 01 24 59.4 | +2.1 |
| 250A | Grady | 18.80 14 | Iamb | Iamb | 01 25 03.0 | |
| 143A | Socs Landing, | 18.90 0 | Iamb | Iamb | 01 25 02.6 | |
| SPBC | San Pablo de B | 18.96 113 | eP | Pn | 01 24 59.1 | 0.0 |
| 146A | Union | 18.96 6 | Iamb | Iamb | 01 25 11.5 | |
| WHTX | Lake Whitney, | 18.99 344 | P | Pn | 01 24 59.7 | +0.6 |
| WHTX | baz=162,SNR=5.5 | | | | | |
| WHTX | Lake Whitney, | 18.99 344 | Iamb | Iamb | 01 25 16.7 | |
| comp=Z,35nm,0.8s | | | | | | |
| TIGA | Tifton | 19.08 21 | P | Pn | 01 25 00.8 | +0.5 |
| ROSC | comp=Z,204 | 19.11 116 | P | Pn | 01 25 04.1 | +3.0 |
| ROSC | El Rosal | 19.11 116 | eP | Pn | 01 25 03.4 | +2.2 |
| ROSC | El Rosal | 19.11 116 | eP | Pn | 01 25 00.6 | +0.4 |
| TX32 | Lajas Array | 19.19 326 | Iamb | Iamb | 01 25 06.2 | |
| TXAR | Lajas Array | 19.19 326 | P | Pn | 01 25 03.9 | +2.1 |
| comp=Z,1.1nm,0.3s, baz=150,slow=8.7,SNR=255 | | | | | | |
| TXAR | comp=Z,0.0nm,0.3s, baz=142,slow=6.8,SNR=9 | 19.19 326 | ScP | ScP | 01 33 04.7 | +6.9 |
| TXAR | Lajas Array | 19.19 326 | P | Pn | 01 25 01.6 | -0.1 |
| BARC | Barichara | 19.37 110 | eP | Pn | 01 25 04.7 | +0.5 |
| Z41A | Richland Creek | 19.49 357 | P | Pn | 01 25 05.1 | 0.0 |
| Z41A | Richland Creek | 19.49 357 | Iamb | Iamb | 01 25 27.6 | |
| PAMC | Pamplona, Colo | 19.55 107 | eP | Pn | 01 25 05.1 | +0.1 |
| LRLAL | Lakeview Retre | 19.66 11 | P | Pn | 01 25 06.6 | -0.6 |
| LRLAL | Lakeview Retre | 19.66 11 | P | Pn | 01 25 06.5 | +0.8 |
| comp=Z,49nm,0.8s | | | | | | |
| Z38A | Mt. Pleasant | 19.71 315 | Iamb | Iamb | 01 25 11.3 | |
| CHIC | Chingaza | 19.73 116 | eP | Pn | 01 25 09.5 | +1.0 |
| RUSC | La Rusia | 19.74 111 | eP | Pn | 01 25 07.9 | +0.6 |
| PUAC | Puerto Asis, P | 19.75 130 | eP | Pn | 01 25 07.9 | -0.6 |
| FLOC | Florencia | 19.79 126 | eP | Pn | 01 25 08.8 | -0.1 |
| 152A | Waverly Hall | 19.86 17 | Iamb | Iamb | 01 25 20.1 | |
| 255A | Hazlehurst | 19.93 23 | Iamb | Iamb | 01 25 32.4 | |
| comp=Z,50nm,0.8s | | | | | | |
| WILR | White Oak Lake | 19.93 356 | Iamb | Iamb | 01 25 16.3 | |
| comp=Z,63nm,0.9s | | | | | | |
| VLCR | Whitewater | 20.01 117 | eP | Pn | 01 25 12.4 | +0.8 |
| Z35A | Perchaven, S | 20.21 346 | Iamb | Iamb | 01 25 16.1 | |
| ABTX | Ablene, Hawle | 20.23 340 | P | Pn | 01 25 13.3 | -0.7 |
| ABTX | baz=157,SNR=26 | | | | | |
| ABTX | Ablene, Hawle | 20.23 340 | Iamb | Iamb | 01 25 19.5 | |
| Z51A | Franklin | 20.35 15 | Iamb | Iamb | 01 25 19.3 | |
| comp=Z,37nm,1.0s | | | | | | |
| LPIG | La Paz | 20.44 303 | P | Pn | 01 25 19.0 | +1.4 |
| comp=Z,25nm,0.3s, baz=150,slow=8.3,SNR=5.7 | | | | | | |
| SC01 | Santiago de lo | 20.71 71 | P | P | 01 25 17.0 | -0.2 |
| TAMC | Tame, Arauca | 20.71 109 | eP | Pn | 01 25 16.9 | -0.4 |
| X40A | Basin Creek Fa | 20.71 357 | P | P | 01 25 18.3 | +1.2 |
| 434A | Marvell | 20.72 1 | P | P | 01 25 18.0 | +0.9 |
| 434A | Marvell | 20.72 1 | Iamb | Iamb | 01 25 36.8 | |
| comp=Z,43nm,0.8s | | | | | | |
| OXF | Oxford | 20.79 5 | P | P | 01 25 18.6 | +0.7 |
| comp=Z,186,SNR=6.9 | | | | | | |
| OXF | Oxford | 20.79 5 | P | P | 01 25 18.7 | +0.7 |
| MIAR | Mount Ida | 20.82 355 | P | P | 01 25 19.3 | +1.0 |
| MIAR | Mount Ida | 20.82 355 | P | P | 01 25 19.1 | +0.9 |
| MACC | Macarena, Meta | 20.91 122 | eP | Pn | 01 25 20.2 | +0.7 |
| GOGA | Godfrey | 20.93 19 | P | P | 01 25 20.1 | +0.7 |
| comp=Z,202,SNR=11 | | | | | | |
| GOGA | Godfrey | 20.93 19 | Iamb | Iamb | 01 25 19.8 | +0.4 |
| comp=Z,26nm,0.7s | | | | | | |
| UALR | University of | 20.98 358 | Iamb | Iamb | 01 25 25.5 | |
| comp=Z,25nm,0.7s | | | | | | |
| SDV | Santo Domingo | 21.03 101 | P | P | 01 25 19.6 | -1.2 |

| | | | | | | |
|-------------------------------------------|----------------|-----------|------|------|------------|------|
| comp=Z,11nm,0.7s, baz=283,slow=7.2,SNR=15 | | | | | | |
| SDV | Santo Domingo | 21.03 101 | eP | P | 01 25 19.8 | -1.1 |
| SDV | Santo Domingo | 21.03 101 | P | P | 01 25 20.3 | +0.6 |
| SDV | Santo Domingo | 21.03 101 | eP | P | 01 25 20.2 | -0.7 |
| X46A | Hartselle | 21.04 10 | Iamb | Iamb | 01 25 30.1 | |
| comp=Z,43nm,0.8s | | | | | | |
| X37A | Clayton | 21.07 351 | Iamb | Iamb | 01 25 31.3 | |
| comp=Z,42nm,0.9s | | | | | | |
| Y52A | Lilburn | 21.17 17 | Iamb | Iamb | 01 25 31.6 | |
| comp=Z,61nm,0.8s | | | | | | |
| 157A | Early Branch | 21.18 25 | P | P | 01 25 22.5 | +0.4 |
| comp=Z,209 | | | | | | |
| PTGC | Puerto Gaitan, | 21.33 115 | eP | P | 01 25 22.9 | -1.1 |
| W41B | Gary Mavity, V | 21.37 358 | P | P | 01 25 24.3 | +0.1 |
| FPAL | Fort Payne | 21.47 13 | Iamb | Iamb | 01 25 30.7 | |
| comp=Z,47nm,0.9s | | | | | | |
| W39A | Magazine | 21.48 355 | P | P | 01 25 26.3 | +0.9 |
| WHAR | Woolly Hollow, | 21.49 358 | P | P | 01 25 26.3 | +0.8 |
| X34A | Smith Ranch, M | 21.56 346 | Iamb | Iamb | 01 25 35.1 | |
| comp=Z,52nm,0.8s | | | | | | |
| X51A | Calhoun | 21.61 15 | Iamb | Iamb | 01 25 37.5 | |
| comp=Z,62nm,0.9s | | | | | | |
| Z57A | Bowman | 21.84 25 | P | P | 01 25 29.3 | +0.1 |
| comp=Z,209 | | | | | | |
| NHSC | New Hope | 21.89 26 | P | P | 01 25 30.4 | +0.7 |
| WMOK | Wichita Mounta | 21.93 344 | P | P | 01 25 30.3 | +0.1 |
| comp=Z,161,SNR=22 | | | | | | |
| MNXX | Cornudas Moun | 21.96 327 | P | P | 01 25 31.6 | +1.1 |
| comp=Z,142,SNR=147 | | | | | | |
| MNTX | Cornudas Moun | 21.96 327 | P | P | 01 25 31.5 | +1.0 |
| Y55A | Saluda | 21.96 22 | P | P | 01 25 30.5 | 0.0 |
| comp=Z,206 | | | | | | |
| SWET | Sewanee | 21.99 12 | Iamb | Iamb | 01 25 40.7 | |
| comp=Z,34nm,0.8s | | | | | | |
| HODGE | Hodges | 22.08 21 | Iamb | Iamb | 01 25 49.6 | |
| comp=Z,44nm,0.9s | | | | | | |
| W50A | Signal Mountai | 22.11 14 | Iamb | Iamb | 01 25 43.1 | |
| comp=Z,40nm,0.9s | | | | | | |
| Z58A | St. Stephen | 22.25 27 | P | P | 01 25 33.6 | 0.0 |
| comp=Z,21 | | | | | | |
| L3CAR | Lake Charles | 22.26 1 | Iamb | Iamb | 01 25 39.0 | |
| comp=Z,31nm,0.7s | | | | | | |
| X54A | Benton | 22.33 20 | P | P | 01 25 34.2 | -0.2 |
| comp=Z,204,SNR=5.9 | | | | | | |
| TUL1 | Leonard | 22.43 351 | P | P | 01 25 36.2 | +0.7 |
| comp=Z,169 | | | | | | |
| TUL1 | Leonard | 22.43 351 | Iamb | Iamb | 01 25 45.0 | |
| comp=Z,33nm,0.8s | | | | | | |
| X55A | Graceely & Ava | 22.52 22 | P | P | 01 25 36.7 | +0.2 |
| comp=Z,206 | | | | | | |
| WVT | Waverly | 22.56 8 | P | P | 01 25 37.0 | +0.1 |
| comp=Z,169 | | | | | | |
| WVT | Waverly | 22.56 8 | P | P | 01 25 37.3 | +0.3 |
| comp=Z,25nm,0.9s | | | | | | |
| U40A | Yellville | 22.57 357 | P | P | 01 25 37.4 | +0.3 |
| comp=Z,177,SNR=14 | | | | | | |
| Y57A | Sumter | 22.59 25 | P | P | 01 25 37.6 | +0.4 |
| comp=Z,209,SNR=7.1 | | | | | | |
| Y57A | Sumter | 22.59 25 | Iamb | Iamb | 01 25 39.5 | |
| comp=Z,42nm,0.8s | | | | | | |
| MSTX | Muleshoe | 22.60 335 | P | | | |

11d 1h

2014 DEC

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzL, ElL, AzB, ElB, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Paso Flores, Guandu, Table Mountain, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzL, ElL, AzB, ElB, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Toro, Tixi, NRIK, etc.

NNC 11 01:45:21.5, 0.2, 43.46N, 77.80E, h4km, 2km, mb3.8, mpv3.9, Error ellipse: s-major=2.3km s-min=1.1km az=173.0 KRNET 11 01:45:22.1, 0.1, 43.47N, 77.79E, h23km, mb3.9 SOME 11 01:45:22.2, 0.1, 43.43N, 77.77E, h15km

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzL, ElL, AzB, ElB, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like KOTS, KOTS, KOTS, etc.

Table with columns: Code, Station Name, Az, El, AzE, ElE, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzL, ElL, AzB, ElB, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like ARXS, ARXS, ARXS, etc.

Table with columns: KAPS, Kapalarasan, 14nm, 0.5s, 2.15 31 Pg, Pb, 01 46 00.2 -0.7, etc.

IDC 11 01:46:46.0, 9.21, 31N, 143.37E, h0km, mb3.8/11, mb1 4.0/11, mb1mx3.8/35, mbtmp3.8/11, MS3.7/1, Ms1 3.7/1, ms1mx2.9/48, Error ellipse: s-maj=29.5km s-min=22.2km az=77.0

ISC 11 01:46:48.1, 0.9, 21.3N, 0.2, 143.4E, 0.2, h10km, n19, e170/12, mb3.8/10, Mariana Islands region

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

JMA 11 01:55:44.3, 37.04N, 140.60E, h10km, 1km, M2.6, Eastern Honshu

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

WEL 11 01:57:37.3, 7.17E, h238km, gkm, M3.3/60, MLv3.3/60, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: az=9.9, Off east coast of North Island, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 11 02:13:51.0, 1.36, 03N, 27.79E, h68km, 14km, mb3.6/7, mb1 3.6/12, mb1mx3.3/54, mbtmp3.7/12, Error ellipse: s-maj=16.9km s-min=8.0km az=170.0

ISK 11 02:13:52.1, 36.22N, 27.70E, h89km, ML3.4/29, H/W 11 02:13:53.9, 0.3, 35.99N, 27.85E, h78km, 2km, ML3.9/3

NIC 11 02:13:54.5, 0.0, 35.99N, 27.85E, h78km, 2km, ML3.9/3, ATH 11 02:13:54.2, 36.19N, 27.59E, h67km, 3km, ML3.4/12, Error ellipse: s-maj=3.3km s-min=1.0km az=68.0

THE 11 02:13:55.2, 36.21N, 27.66E, h74km, 2km, ML3.9/9, Error ellipse: s-maj=2.2km s-min=0.7km az=85.0

DDA 11 02:13:58.6, 36.72N, 27.91E, h63km, 1km, ML3.1, ISC 11 02:13:53.0, 0.6, 36.18N, 0.0, 27.79E, 0.02, h87km, 5km, n175, e189/27, mb3.3/7, 2C-1D, Dodecanese Islands

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

Table with columns: KARP, comp=E, 6.4nm, 0.3s, AML, AML, 02 14 22.8, etc.

11d 3h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KSTL, MANT, KULA, BUCAC, etc.

2014 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like ESDC, AKTO, TORD, ARCES, etc.

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Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WRA, MJAR, PETK, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like NIKS, BERANE, HERCEG NOVI, PESHKOPJA, BRATOGOST, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, EIELSON ARRAY, ISK 11 04:54:53.9, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DRO, DROSSIA, RIOSOLS OF PATR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like UPUM, UNAC-PIVA, SJEJENICA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IPOC STATION P, MINYE MINYE, LPAZ LAZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KIPOURIA, DAMOULIANATA-K, LIVADI, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ETMB, NNA, PTGB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like KALE, EVGI, EPIDAVROS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SWI, FITZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TORD, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like VILL, VIL2, VIL2, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AAI, MASOHI, BANDANAIRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PYL, PYLOS, ITHOMI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AXAR, MAKRAKOFI, RODOP, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AKHS, BALIKESIR, GEDIZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ARTEMIDA-MAKIS, VOLIMES, ZAKYN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LKR, AGG, ATHU, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GRG, OHR, ZKR, SIGR, KNT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GNI, GNR, VORD, WDR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RAR, KNTN, DZM, OUZ, etc.

NEIC 11 05:46:40.1z 1.3, 19.28S:0.09;174:91W:0.04, h43km,6km, mb4,8/33, Error ellipse: s-maj=14.0km s-min=2.2km

IDC 11 05:46:47.1z 0.7, 19.24S:174:99W, h105km,6km, mb4,2/13, mb1.4/4.13, mb1mx4.2/3.1, mbtmp4.6/13, MS3.2/2, MS1.3/2.2, ms1mx2.9/3.4, Error ellipse: s-maj=22.4km s-min=13.0km az=128.0

ISC 11 05:46:46.2z 0.4, 19.48S:0.06;174:79W:0.08, h100km, n85, e232/89, mb4.6/2.2, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NIUE, NIUE, AFI, MSVF, etc.

BUI 11 06:00:11.1z 0.0, 3.06N:126:97E, h43km, mb5.1/25, mb4.8/17, Ms4.8/9, Ms7.4/9

NEIC 11 06:00:15.0z 0.2, 0.359N:0.06;126:98E:0.08, h35km, 1km, mb4,9/58, Error ellipse: s-maj=14.1km s-min=9.8km az=65.0

DJA 11 06:00:17.4z 0.2, 4.2N:127:7E, h56km, 2km, M4.9/38, mb5.0/38, mb5.3/12, MLV.2/14, Mw(mb)4.8/12

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SGSI, SGSI, TNTI, TNTI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Don Marcelino, Mati, Davao City, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Matsushiro Arr, Xian, Xian, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Garm, MQZ, DZA, etc.

NEIC 11 06:05: 14.2: 1.2 4.64S: 0.06: 152.53E: 0.07: h66km, 6km, mb4.5/13. Error ellipse: s-maj=11.2km s-min=5.7km az=128.0
IDC 11 06:05: 14.0: 1.2 4.70S: 152.50E: h59km, 10km, mb4.1/21, mb1.4/22, mb1mx1.4/11, mbtmp4.4/21, MS3.6/4, Ms1 3.6/4, ms1mx3.1/32. Error ellipse: s-maj=17.9km s-min=11.3km az=78.0
ISC 11 06:05: 13.8: 0.5, 4.68S: 0.05: 152.60E: 0.08: h58km, n56, e1912/54, mb4.3/26, MS3.6/3, New Britain region

11d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBZ Lake Benmore, JCZ Jackson Bay, GCSZ Gaunt Creek Bo, etc.

NNC 11 08:12:41.3±1.0, 50°58'N-73°80'E, h0km, mb3.6, mpv3.3, 4C-8D, Error ellipse: s-maj=9.8km s-min=8.0km az=9.0, Suspected Mining explosion., Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTUK Ortayu, KURBB Kurchatov Arra, KURK Kurchatov, etc.

NNC 11 08:22:30.9±2.5, 53°38'N-87°80'E, h0km, mb3.7, mpv3.3, 7C-7D, Error ellipse: s-maj=20.3km s-min=9.7km az=67.0, Suspected Mining explosion., Northwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, KURK Kurchatov, KURKB Kurchatov Arra, etc.

RSNC 11 08:54:20.8±1.1, 8°73'N-77°49'W, h51km, 4km, ML2.7, UPA 11 08:54:21.1±0.9, 8°67'N-77°50'W, h50km, 4km, MW3.7, ISC 11 08:54:20.3±1.2, 8°74'N-004°17'48'W, 0.02, h53km, 7km, n35, ±1504/68, 2C-2D, Panama-Colombia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAP2 Capurgana, UPD2 Meteti, PTAC Punta Ardita, etc.

2014 DEC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLMC Barranca, Sant, GUY2C Guyana, Caidas, NORC Norcasia, etc.

OCAC Ocana, 4.15 97 eP Pn Sn 08 55 21.8 ±0.5, 08 56 07.1 ±1.5, 08 56 11.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EI Recreo, PAMC Pamplona, Co, RUSC La Rusia, etc.

REY 11 08:57:23.4, 64°69'N-17°47'W, h8km, IDC 11 08:57:24.4±1.3, 64°40'N-17°9'W, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/38, mbtmpr3.5/5, ML4.0/1, Error ellipse: s-maj=49.3km s-min=18.8km az=37.0, ISC 11 08:57:22.7±0.8, 64°68'N-003°17'47'W, 0.02, h15km, 5km, n33, ±158/52, mb3.5/4, Iceland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDYN Dyngjuhals, IVON Vonarskard, IDJK Dyngjujokull, etc.

DJA 11 09:24:42.3±1.7, 4°S-9°14'0"E, h12km, 21km, M4.0/4, MB5.3/1, mb4.6/1, MLV3.8/4, Mw(mb)4.7/1, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNTI Ternate, SGSI Sangihe, GTOI Gorontalo, etc.

IDC 11 09:25:56.9±0.9, 50°98'N-178°85'E, h0km, mb3.8/12, mb1 4.0/13, mb1mx3.8/56, mbtmpr3.8/13, ML4.1/1, MS3.5/3, Ms1 3.5/3, ms1mx3.1/42, Error ellipse: s-maj=29.3km s-min=16.2km az=164.0, AEIC 11 09:26:00.2±1.5, 01°03'N-005°178°80'E, 0.07, h13km, 4km, ML3.5/28, mb4.1/23(NEIC), Error ellipse: s-maj=8.3km s-min=5.4km az=148.0, NEIC 11 09:26:02.8±2.0, 51°09'N-0°04'178°82'E, 0.08, h37km, 9km, Error ellipse: s-maj=9.1km s-min=1.8km az=129.0, ISC 11 09:26:03.1±0.7, 51°10'N-0°08'178°80'E, 0.06, h35km, n78, ±1934/73, mb4.0/19, Rat Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMKA Amchitka, LSSE Little Sitkin, LSSA Little Sitkin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIRH Adak, GSTD Great Sitkin T, SMY Shemya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Rows include BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, SPITS Spitsbergen Arr, etc.

IDC 11 10:41:07.0:5.0,56:80Sx25:48W, h0km, mb4.6/10, mb1.4/7.1, mb1mx4.5/25, mbtmp4.6/11, ML4.5/1, MS4.0/10, ...

NEIC 11 10:41:09.9:1.2,56:83S:0:09:25:4W:0:2, h15km,3km, mb4.9/35, Error ellipse: s-maj=17.5km s-min=11.4km az=57.0

ISC 11 10:41:08.8:0.4,56:81S:0:08:25:39W:0:09,h10km,n142, ...

Main table for 11d 10h section, listing station codes and names like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

Main table for 2014 DEC section, listing station codes and names like PB11 IPOC Station P, PS6CX Pisagua, PM16C Minye Minye, etc.

IDC 11 10:46:56.0:1.6,29:69Sx178:98W, h342km,23km, mb3.2/2, mb1.3/5.3, mb1mx3.1/32, mbtmp4.0/3, Error ellipse: s-maj=5.1km s-min=2.6km az=110.0

ISC 11 10:46:55.8:1.3,29:75S:0:1:178:9W:0:2,h350km,n27, ...

Main table for 2014 DEC section, listing station codes and names like RAO Raoul Island, WMGZ Walomatatini S, HAZ Te Kaha, etc.

IDC 11 10:55:22.5:4.9,25:64N:122:56E, h296km,53km, mb3.4/8, mb1.3/5.9, mb1mx3.1/36, mbtmp4.0/9, Error ellipse: s-maj=35.6km s-min=12.1km az=66.0

ISC 11 10:55:19.0:0.7,25:50N:0:05:122:54E:0:04,h263km,5km, n103,az180/181,mb3.7/8,Taiwan region

Main table for 536 section, listing station codes and names like PCYT Pengchayiu, PCYT Pengchayiu, TWB1 Santiao Chiao, etc.

TAP 11 10:55:18.8,25:49N:122:64E, h273km, ML4.2, D JMA 11 10:55:21.1:0.3,25:41N:122:51E, h249km,3km, MA.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like VNHG Venianof 1, CHGN Chignik, AKSA Akutan Strait, etc.

IDC 11 11:50:18.3:3.4, 13.83Sx166.42E, h0km, mb3.8/4,

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

IDC 11 12:05:16.8:2.9, 6.74Sx154.52E, h0km, mb3.4/3,

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

VAO 11 12:03:20.0:0.4, 21.11S:67.76W, h223km, mb4.3

NEIC 11 12:03:20.7:2.1, 21.26S:07.67W, 0.1, h191km, 9km, mb4.4/2, Error ellipse: s-maj=16.2km s-min=10.4km az=97.0

GUC 11 12:03:22.1:0.6, 21.20S:67.59W, h211km, 5km, ML3.9

SCB 11 12:03:24.4:1.9, 21.21S:67.45W, h172km, 13km, ML3.9/6, Error ellipse: s-maj=5.6km s-min=5.1km az=0

IDC 11 12:03:26.4:4.6, 20.70S:67.10W, h222km, 31km, mb3.5/6,

mb1 3.7/9, mb1mx3.5/27, mbtmp4.1/9, Error ellipse: s-maj=50.8km s-min=15.2km az=18.0

ISC 11 12:03:20.6:0.6, 21.19S:07.40W, h0.04, h191km, 6km,

n93, r1948/17, mb4.17, 14C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MOCB Mochara, PB09 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA02 Huaiguique, PB15 IPOC Station P, etc.

IDC 11 12:23:38.8:2.0, 1.93N:126.34E, h0km, mb3.5/3,

mb1 3.7/4, mb1mx3.4/49, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=120.5km s-min=25.5km az=68.0,

Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like LPAZ La Paz, BB0B La Paz, AC01 Pan de Azucar, etc.

IDC 11 12:13:45.9:2.9, 6.25S:130.56E, h76km, 39km, mb3.3/1,

mb1 3.9/5, mb1mx3.3/46, mbtmp4.0/5, ML4.2/4, Error ellipse: s-maj=80.2km s-min=22.6km az=89.0, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CHMS Chumysh, USP Oспенновка, TKMZ Tokmak 2, MKAR Makanchi Array, etc.

IDC 11 12:23:38.8:2.0, 1.93N:126.34E, h0km, mb3.5/3,

mb1 3.7/4, mb1mx3.4/49, mbtmp3.5/4, ML3.2/1, Error ellipse: s-maj=120.5km s-min=25.5km az=68.0,

Northern Molucca Sea

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

NEIC 11 12:24:10.6:2.1, 14.9S:07.167E, 0.2, h120km, 4km,

mb4.3/5, Error ellipse: s-maj=24.2km s-min=16.0km az=101.0

IDC 11 12:24:13.1:5.1, 15.04S:167.31E, h142km, 47km,

mb3.8/11, mb1 3.9/12, mb1mx3.7/42, mbtmp4.2/12, Error ellipse: s-maj=34.5km s-min=20.8km az=16.0

ISC 11 12:24:08.9:0.9, 14.81S:08.167E, 0.1, h100km, n32,

r1925/32, mb4.3/13, Vanuatu Islands region

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

Table with columns: WRO, WB0, WB2, WRA, WRA, ASAR, KNRA, STKA, STKA, FITZ, FITZ, KSRs, KLR, VVDA, MKAR, ILAR, YBH, TORD. Includes station names, coordinates, and times.

REY 11 12:40:23.6, 64.67N; 17.50W, h5km
NEIC 11 12:40:25.0, 64.5N; 0.1:17.9W; 0.2, h8km, 5km,
mb4.6/10, Error ellipse: s-maj=22.2km s-min=9.2km
az=214.0

IDC 11 12:40:24.7, 0.9, 64.67N; 17.82W, h0km, ML3.8/8,
mb1.4/1.9, mb1mx3.7/6.1, mbtmp3.8/9, ML4.5/1, Error
ellipse: s-maj=27.2km s-min=16.0km az=33.0

ISC 11 12:40:24.5, 0.5, 64.67N; 0.02:17.54W; 0.02, h10km, n69,
s195/83, mb4.0/12, Iceland

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations from IVON to CLL.

Table with columns: ESDC, YKA, INK, ILAR, DLBC, DLBC, KKAR, MKAR, PD31, PD31, PDAR, PDAR, TORD, TORD, BTK, BTK, CHGR, GAR, HWUT, HWUT, TCUT, PV03, PV13, PV13, TXAR, TXAR. Includes station names, coordinates, and times.

NEIC 11 12:48:00.1, 2.3, 62.8S; 0.10:147.89E; 0.09, h74km, 5km,
mb4.2/14, Error ellipse: s-maj=15.9km s-min=10.9km
az=137.0

IDC 11 12:48:00.3, 1.9, 63.1S; 147.95E, h73km, 19km, mb4.1/4,
mb1.4/2.1, mb1mx3.8/4.4, mbtmp4.4/11, MS3.4/3,
Ms1.3/4.3, ms1mx3.0/3.0, Error ellipse: s-maj=22.5km
s-min=14.8km az=117.0

DJA 11 12:48:04.6, 1.4, 7.5; 9.14 8E; 1.7, h81km, 7km, MA.3/12,
mb4.4/12, mb4.8/4, MLv4.3/2, Mw(mB)4.0/4

ISC 11 12:47:59.0, 0.7, 6.34S; 0.07:147.90E; 0.07, h51km, n36,
s165/36, Eastern New Guinea region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations from PMG to PRGZ.

Table with columns: WMGZ, MHGZ, CKHZ, KAHZ, KAHZ, PKZE, PKZE, PRHZ, PRHZ, DPHZ, DPHZ, BFZ, BFZ, MRZ, MRZ, OGWZ, OGWZ, HOVZ, HOVZ, KIWI, KIWI, TMWZ, TMWZ, MTW, MTW, CAW, CAW, TRWZ, TRWZ, MLWZ, MLWZ, PRWZ, PRWZ, QZ, QZ, THZ, THZ, KHZ, KHZ, GVZ, GVZ, LZT, LZT, IKZ, IKZ, OXZ, OXZ, MQZ, MQZ, RACZ, RACZ. Includes station names, coordinates, and times.

NEIC 11 13:18:54.1, 0.8, 60.0N; 0.1:153.0W; 0.3, h127km, 9km,
Error ellipse: s-maj=22.0km s-min=8.7km az=53.0

IDC 11 13:18:56.4, 4.0, 59.96N; 152.43W; 0.109km, 4.4km, mb3.2/1,
mb1.3/1.4, mb1mx2.9/3.3, mbtmp3.2/4, Error ellipse:
s-maj=111.1km s-min=18.9km az=96.0

AEIC 11 13:18:57.1, 4.6, 60.0N; 0.09:152.9W; 0.3, h109km, 8km,
ML2.5, s-maj=23.2km s-min=9.0km az=63.0

ISC 11 13:18:54.8, 1.3, 60.06N; 0.05:152.92W; 0.10, h124km,
n28, s194/30, Southern Alaska

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations from RSO to ILAR.

ZUR 11 13:19:39.4, 46.18N; 77.6E, h3km, 2km, MLH0.5/4, 2C-8D,
Error ellipse: s-maj=3.9km s-min=1.1km az=78.0,
Switzerland

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations from SGRA to DIX.

ROM 11 13:20:59.5, 0.2, 43.25N; 0.003:12.45E; 0.05, h7km, 4km,
Mdl.3/2, 2C, Error ellipse: s-maj=5.6km s-min=0.4km
az=50.0, Central Italy

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC. Lists stations from MURB to NRCA.

IDC 11 13:53:27.9, 0.3, 56.80S; 25.59W, h0km, mb5.3/18,
mb1.5/2.19, mb1mx5.2/23, mbtmp5.3/19, ML4.6/1, MS5.1/25,
Ms1.5/125, ms1mx5.1/25, Error ellipse: s-maj=13.5km
s-min=1.3km az=35.0

NEIC 11 13:53:29.4, 1.9, 56.75S; 0.10:25.4W; 0.2, h10km, 1km,
mb5.0/7.8, Ms_20.5.3/126, Mw0.5/27, Mw5.0(GCMT),
Error ellipse: s-maj=15.5km s-min=13.5km az=208.0

MOS 11 13:53:29.3, 2.2, 56.70S; 25.40W, h10km, mb5.9/10, Error
ellipse: s-maj=18.5km s-min=10.0km az=113.8

NEIC 11 13:53:30.5, 56.84S; 25.54W, h9km, Moment Tensor
Solution. Moment Tensor Solution. T.1.9946, Plg76.0000,
Mw0.04; Mw0.179; Mw0.022; Mw0.79; Mw0.097; Fault
plane solution: M2.17000x1017 NP1.154.57000,
s31.540000, s82.050000. NP2.343.88000, s58.80000,
s94.850000. Principal axes: T.1.9946, Plg76.0000,
Az=268.0000; N.0.3229, Plg4.0000, Az=161.0000; P
2.3175, Plg10.0000; Az=70.0000;
GCMT 11 13:53:35.4, 0.1, 56.91S; 0.10:25.10W; 0.01, h21km,
MW5.1/25, Ms1.5/125, Moment Tensor Solution, s123.c219,
s142.c265. Duration: 155 Moment Tensor Solution
1017 Nm; M=2.24; Mw=0.18; 0.3; Mw=2.05; 0.3;
Mw=0.25; Mw=0.84; 0.2; Mw1.55; 0.6; Best double
couple: M2.79100x1017 NP1.154.57000, s82.050000,
s94.850000. NP2.343.88000, s58.80000, s97.00000.

Principal axes: T 2.7420, Plg72.0000, Azm273.0000; N 0.1030, Plg6.0000, Azm163.0000; P -2.8390, Plg17.0000, Azm71.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function NEIC 11 15:33:36, 56.97S; 25.08W, h21km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mr2.41; Mw0.07; Mw2.34; Mw0.00; Mw0.98; Mw1.54; Fault plane solution: M3.00000;1017 NP1.0;147.00000; 0.31.00000; 1.70.00000; NP2.351.00000; 0.61.00000; 1.02.00000; 1.70.00000; Principal axes: T 2.8933, Plg72.0000, Azm285.0000; N 0.1071, Plg10.0000, Azm165.0000; P -3.0894, Plg15.0000, Azm72.0000; ISC 11 15:33:29.4.0.2.56191S; 0.06.25.66W; 0.06.10km; n519, 1841/467, m5.5/5.8, MS5.3/9.2, 46C-3D, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists various seismic stations and their recorded data points.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists various seismic stations and their recorded data points.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Lists various seismic stations and their recorded data points.

| | | | | | | |
|-------|--------------------------------------------|--------|-----|---------|---------|-----------------|
| TBI | comp=Z,552nm,26.2s | 87.19 | 230 | eLR | LR | 14 33 50.5 |
| ATD | Arta Tunnel | 88.23 | 66 | LR | LR | 14 42 52.9 |
| STKA | Stephens Creek | 90.91 | 169 | P | P | 14 06 33.9 +0.8 |
| STKA | comp=Z,10nm,1.0s,baz=199,slow=5.0,SNR=6.3 | | | LR | LR | 14 46 02.5 |
| DAMY | Dhamar | 91.60 | 66 | IAMS_20 | IAMS_20 | 14 46 05.6 |
| PPT2 | Papeete2 | 92.34 | 232 | eS | S | 14 17 37.5 -5.9 |
| PPT2 | Papeete2 | 92.34 | 232 | eLR | LR | 14 36 22.0 |
| PPT | Papeete | 92.36 | 232 | LR | LR | 14 38 54.9 |
| TEIG | Tepeich | 92.89 | 303 | eP | P | 14 06 42.3 0.0 |
| TEIG | Tepeich | 92.89 | 303 | P | P | 14 06 42.2 0.0 |
| SOCY | Socotra | 94.53 | 75 | IAMS_20 | IAMS_20 | 14 50 02.9 |
| 061Z | Ohchoepi | 94.65 | 312 | IAMS_20 | IAMS_20 | 14 53 20.4 |
| PSA11 | Pilbara Seismi | 96.61 | 148 | IAMS_20 | IAMS_20 | 14 46 25.5 |
| PSA00 | Pilbara Seismi | 96.61 | 148 | P | P | 14 06 59.8 +0.3 |
| PSAC1 | Pilbara Seismi | 96.64 | 148 | IAMS_20 | IAMS_20 | 14 44 39.4 |
| KEST | Kesra | 96.92 | 28 | LR | LR | 14 45 55.1 |
| ASAR | Alice Springs | 97.91 | 161 | P | P | 14 07 04.4 -1.0 |
| ASAR | comp=Z,4.7nm,1.0s,baz=189,slow=3.5,SNR=2.6 | | | PKKPbc | PKKPbc | 14 23 35.9 -0.8 |
| ASAR | comp=Z,0.5nm,0.8s,baz=26,slow=2.6,SNR=6.4 | | | LR | LR | 14 48 54.4 |
| ASAR | comp=Z,554nm,20.6s,baz=186,slow=3.4 | | | LR | LR | 14 47 05.2 -0.2 |
| ASAR | Alice Springs | 97.91 | 161 | P | P | 14 07 05.2 -0.2 |
| AS31 | Alice Springs | 97.91 | 161 | P | P | 14 07 04.9 -0.5 |
| ESDC | Sonsea Array | 97.95 | 17 | P | Pdf | 14 07 08.4 +3.4 |
| EIDS | comp=Z,364nm,18.5s,baz=180,slow=3.3 | | | LR | LR | 14 47 14.8 |
| EIDS | Eidsvold | 98.00 | 177 | IAMS_20 | IAMS_20 | 14 49 49.3 |
| CORL | Corleone | 100.02 | 30 | IAMS_20 | IAMS_20 | 14 50 55.8 |
| DZM | Mont Dzumac | 100.67 | 191 | eLR | LR | 14 40 17.9 |
| 352A | Blakely | 101.24 | 312 | IAMS_20 | IAMS_20 | 14 53 03.1 |
| Z56A | Williston | 101.44 | 315 | IAMS_20 | IAMS_20 | 14 58 52.4 |
| FITZ | Fitzroy Crossi | 101.51 | 152 | IAMS_20 | IAMS_20 | 14 47 26.7 |
| WRA | Warramunga Arr | 101.62 | 161 | P | Pdf | 14 07 22.0 0.0 |
| WRA | comp=Z,0.4nm,0.7s,baz=171,slow=8.3,SNR=1.8 | | | PP | PP | 14 11 33.6 +2.5 |
| WRA | Warramunga Arr | 101.62 | 161 | IAMS_20 | IAMS_20 | 14 50 34.2 |
| WR6 | Warramunga Arr | 101.63 | 161 | IAMS_20 | IAMS_20 | 14 50 45.4 |
| WRAB | Tennant Creek | 101.63 | 161 | IAMS_20 | IAMS_20 | 14 50 45.5 |
| WR8 | Warramunga Arr | 101.64 | 161 | IAMS_20 | IAMS_20 | 14 51 09.6 |
| WC1 | Warramunga Arr | 101.64 | 161 | IAMS_20 | IAMS_20 | 14 50 21.6 |
| WB3 | Warramunga Arr | 101.64 | 161 | IAMS_20 | IAMS_20 | 14 50 52.7 |
| WB9 | Warramunga Arr | 101.78 | 161 | IAMS_20 | IAMS_20 | 14 55 20.3 |
| Y52A | Lilburn | 102.98 | 313 | IAMS_20 | IAMS_20 | 14 58 40.0 |
| PAOL | Paolisi | 103.29 | 30 | IAMS_20 | IAMS_20 | 14 50 35.5 |
| SCTE | Santa Cesarea | 103.53 | 33 | IAMS_20 | IAMS_20 | 15 01 44.8 |
| CASP | Castiglione de | 103.97 | 27 | IAMS_20 | IAMS_20 | 14 39 21.5 |
| CSS | Mathiatis | 104.17 | 47 | IAMS_20 | IAMS_20 | 14 52 25.7 |
| KNRA | Kunururra | 104.60 | 155 | IAMS_20 | IAMS_20 | 14 50 44.2 |
| PALK | Pallekele | 104.98 | 100 | IAMS_20 | IAMS_20 | 14 47 27.9 |
| P48L | Pickwick Lake | 105.58 | 311 | IAMS_20 | IAMS_20 | 14 55 47.5 |
| V48A | Smith Brothers | 105.72 | 312 | IAMS_20 | IAMS_20 | 14 54 38.7 |
| WVT | Waverly | 106.47 | 312 | IAMS_20 | IAMS_20 | 14 56 23.5 |
| GAZ | Gaziantep | 107.65 | 48 | IAMS_20 | IAMS_20 | 14 59 37.8 |
| MTN | Manton Dam | 107.88 | 156 | IAMS_20 | IAMS_20 | 14 58 01.1 |
| TXAR | Lajitas Array | 107.94 | 296 | Pdf | Pdf | 14 07 52.2 +2.4 |
| TXAR | comp=Z,0.1nm,0.4s,baz=129,slow=2.9,SNR=1.6 | | | PKKP | PKKP | 14 11 57.2 +0.4 |
| GSI | Gungunungitil | 108.63 | 118 | IAMS_20 | IAMS_20 | 14 45 54.0 |
| COEN | Coen | 108.79 | 169 | IAMS_20 | IAMS_20 | 14 58 54.7 |
| SOEI | Soe | 109.10 | 148 | IAMS_20 | IAMS_20 | 14 51 40.5 |
| AMTX | Muleshoe | 111.30 | 300 | P | PKIKP | 14 12 03.6 +0.6 |
| AMTX | Amarillo | 111.53 | 301 | P | PKIKP | 14 12 03.8 +0.4 |
| LHMI | Lhok Sumawe | 111.72 | 115 | IAMS_20 | IAMS_20 | 14 49 25.9 |
| MYKOM | Kota Tinggi | 112.01 | 124 | IAMS_20 | IAMS_20 | 14 51 23.7 |
| 121A | Cookes Peak, D | 112.58 | 295 | P | PKIKP | 14 12 05.9 +0.3 |
| IPM | Ipo | 113.06 | 120 | IAMS_20 | IAMS_20 | 14 49 43.3 |
| GNI | Garni | 113.32 | 52 | IAMS_20 | IAMS_20 | 14 55 18.4 |
| KULM | Kulim | 113.58 | 119 | IAMS_20 | IAMS_20 | 14 51 17.2 |
| PKMG | Port Moresby | 113.66 | 172 | IAMS_20 | IAMS_20 | 14 59 29.9 |
| AMNO | Albuquerque | 113.87 | 298 | P | PKIKP | 14 12 08.2 +0.2 |
| AMNO | Albuquerque | 113.87 | 298 | ePKIKP | PKIKP | 14 12 06.7 -1.3 |
| TUC | Tucson | 113.91 | 293 | P | PKIKP | 14 12 08.5 +0.5 |
| ANN | Anapa | 114.23 | 44 | ePKIKP | PKIKP | 14 12 11.6 +3.6 |
| ANN | | | | e | pmx | |
| ANN | | | | e | pmx | |
| T25A | Trinidad | 114.65 | 300 | P | PKIKP | 14 12 09.7 +0.3 |
| X18A | Snowflake | 115.26 | 295 | PKIKP | PKIKP | 14 12 11.8 +1.1 |
| KIV | Kislovodsk | 115.61 | 48 | ePKIKP | PKIKP | 14 12 10.6 -0.3 |
| KIV | comp=Z,13nm,1.0s | | | MLR | MLR | |
| SDCO | Great Sand Dun | 115.66 | 300 | P | PKIKP | 14 12 11.7 +0.2 |
| SBUM | Sibu | 116.23 | 132 | IAMS_20 | IAMS_20 | 14 52 12.0 |
| 22A | 4UR Ranch, Cre | 116.29 | 299 | P | PKIKP | 14 12 13.4 +0.8 |
| AKASG | Malin Array Be | 116.40 | 36 | PKP | PKIKP | 14 12 11.9 -0.1 |
| ECSD | EROS Data Center | 116.50 | 310 | P | PKIKP | 14 12 13.4 +0.9 |
| GLA | Glamis | 116.56 | 290 | P | PKIKP | 14 12 13.6 +0.6 |
| MVUC | Mesa Verde | 116.67 | 294 | P | PKIKP | 14 12 13.9 +0.6 |
| WUAO | Wupatki | 116.75 | 294 | P | PKIKP | 14 12 14.0 +0.5 |
| MAK | Makhachkala | 116.82 | 52 | eP | Pdf | 14 08 24.2 -4.5 |
| MAK | | | | e | SS | 14 18 57.4 |
| MAK | | | | eSS | SS | 14 29 25.9 -3.4 |
| MAK | | | | eSSS | SSS | 14 33 46.1 |

| | | | | | | |
|-------|---------------------------------------------|--------|-----|---------|---------|-----------------|
| MAK | comp=Z,186nm,1.5s | | | pmx | pmx | |
| IKP | In-Ko-Pah, Jac | 116.91 | 289 | P | PKIKP | 14 12 14.3 +0.6 |
| HRA | Herat | 116.97 | 68 | IAMS_20 | IAMS_20 | 15 02 01.7 |
| SWSC | Sam W. Stewart | 116.98 | 289 | P | PKIKP | 14 12 14.3 +0.5 |
| TKX | Tecate | 117.10 | 288 | IAMS_20 | IAMS_20 | 14 57 21.4 |
| PDMCI | Parker Dam,Lk | 117.19 | 292 | P | PKIKP | 14 12 14.7 +0.6 |
| MONPZ | Monument Peak | 117.26 | 289 | P | PKIKP | 14 12 14.8 +0.2 |
| ISCO | Idaho Springs | 117.34 | 301 | P | PKIKP | 14 12 14.7 0.0 |
| BC3 | Big Chuckwall | 117.36 | 290 | P | PKIKP | 14 12 14.8 +0.1 |
| IRM | Iron Mountain | 117.59 | 291 | P | PKIKP | 14 12 15.3 +0.4 |
| TPFO | Pinon Flats | 117.84 | 289 | P | PKIKP | 14 12 15.7 +0.1 |
| PFO | Pinoyon Flats O | 117.84 | 289 | P | PKIKP | 14 12 16.1 +0.5 |
| BELC | Belle Mtn. Jos | 117.91 | 290 | P | PKIKP | 14 12 16.2 +0.4 |
| GMRC | Granite Mounta | 118.35 | 291 | P | PKIKP | 14 12 17.0 +0.4 |
| N23A | Red Feather La | 118.36 | 302 | P | PKIKP | 14 12 16.9 +0.3 |
| PHWY | Pilot Hill | 118.46 | 302 | IAMS_20 | IAMS_20 | 15 05 27.8 |
| BBRC | Big Bear Solar | 118.59 | 289 | P | PKIKP | 14 12 17.6 +0.4 |
| HEC | Hector,Ludlow | 118.73 | 290 | P | PKIKP | 14 12 17.5 +0.3 |
| O20A | White River Ci | 118.85 | 300 | P | PKIKP | 14 12 17.7 +0.2 |
| GSC | Goldstone, Bar | 119.34 | 290 | P | PKIKP | 14 12 19.1 +0.7 |
| SHOC | Choshone, Teco | 119.53 | 291 | P | PKIKP | 14 12 19.5 +0.8 |
| EDW2 | Edwards Air Fo | 119.63 | 289 | P | PKIKP | 14 12 19.4 +0.5 |
| TMUT | Troll Mountain | 119.63 | 297 | P | PKIKP | 14 12 20.6 +1.5 |
| SCZ2 | Santa Cruz Isl | 119.80 | 287 | P | PKIKP | 14 12 19.3 0.0 |
| AGMNN | Agassiz Nation | 119.89 | 314 | P | PKIKP | 14 12 19.1 +0.2 |
| R22A | Rosedale | 120.01 | 303 | P | PKPfd | 14 12 19.4 -0.1 |
| KSSD | Black Hills | 120.03 | 305 | P | PKPfd | 14 12 19.3 -0.2 |
| FURC | Furnace Creek, | 120.27 | 291 | P | PKIKP | 14 12 20.8 +0.8 |
| MPMC | Manual Prospec | 120.27 | 290 | P | PKIKP | 14 12 20.8 +0.4 |
| TPNV | Topopah Spring | 120.33 | 292 | P | PKIKP | 14 12 21.0 +0.6 |
| ISA | Isabella, Lake | 120.48 | 289 | P | PKIKP | 14 12 21.3 +0.7 |
| CWC | Cottonwood Cre | 120.87 | 290 | P | PKIKP | 14 12 21.6 +0.1 |
| VES | Vestal, Richgr | 120.93 | 289 | P | PKIKP | 14 12 21.6 +0.2 |
| GRAC | Grapevine Rang | 120.93 | 291 | P | PKIKP | 14 12 21.6 +0.2 |
| R11A | Troy Canyon, C | 121.07 | 293 | P | PKPfd | 14 12 21.7 0.0 |
| DUG | Dugway, Tooele | 121.11 | 297 | P | PKPfd | 14 12 21.6 -0.1 |
| DUG | Dugway, Tooele | 121.11 | 297 | PKIKP | PKIKP | 14 12 23.0 +1.2 |
| DUG | Dugway, Tooele | 121.11 | 297 | PKPfd | PKPfd | 14 12 23.0 +1.2 |
| KKM | Kota Kinabalu | 121.11 | 134 | IAMS_20 | IAMS_20 | 14 54 36.0 |
| NB2 | NORSAR Subarra12 | 121.12 | 120 | PKPfd | PKIKP | 14 12 25.6 +4.6 |
| NB2 | NORSAR Subarra12 | 121.12 | 120 | PKPfd | PKIKP | 14 12 25.6 +4.6 |
| NOA | NORSAR Array B | 121.12 | 120 | PKP | PKIKP | 14 12 21.3 +0.4 |
| NOA | comp=Z,1.2nm,0.8s,baz=205,slow=1.9,SNR=2.1 | | | PKKPbc | PKKPbc | 14 22 22.4 +1.1 |
| ULM | Lac du Bonnet | 121.46 | 315 | PKP | PKPfd | 14 12 20.7 -1.1 |
| ULM | comp=Z,1.0nm,0.8s,baz=283,slow=0.2,SNR=12.2 | | | PP | PP | 14 13 52.2 -2.1 |
| ULM | comp=Z,12nm,0.9s,baz=145,slow=7.5,SNR=5.2 | | | PKP | PKPfd | 14 12 21.6 -0.8 |
| PDAR | Pinedale Array | 121.51 | 307 | PKP | PKPfd | 14 12 21.6 -0.8 |
| PDAR | comp=Z,1.8nm,0.7s,baz=132,slow=4.2,SNR=1.6 | | | PP | PP | 14 13 53.8 -1.4 |
| BW06 | Boulder Array | 121.52 | 301 | P | PKPfd | 14 12 22.2 -0.3 |
| NVAR | Minna Array Be | 122.51 | 292 | PKP | PKIKP | 14 12 25.0 +0.3 |
| NVAR | comp=Z,6.6nm,1.0s,baz=143,slow=2.9,SNR=1.4 | | | PP | PP | 14 14 01.9 0.0 |
| NVAR | comp=Z,0.3nm,0.3s,baz=189,slow=5.1,SNR=2.0 | | | | | 14 12 26.1 +1.3 |
| OBN | Obninsk | 122.51 | 371 | ePKIKP | PKPfd | 14 12 21.8 -1.8 |
| OBN | | | | pmx | pmx | |
| LAO | LASA Array | 122.99 | 306 | P | PKIKP | 14 12 25.5 +0.3 |
| MHMT | Maesarieng | 123.22 | 109 | P | PKIKP | 14 12 29.3 +2.9 |
| SUKH | Sukhothai | 123.23 | 111 | P | PKIKP | 14 12 33.7 +6.7 |
| CM03 | Chiang Mai Arr | 123.93 | 110 | P | PKIKP | 14 12 28.6 +0.7 |
| CM05 | Chiang Mai Arr | 123.93 | 110 | P | PKIKP | 14 12 28.5 +0.7 |
| CM04 | Chiang Mai Arr | 123.95 | 110 | P | PKIKP | 14 12 28.5 +0.6 |
| CM01 | Chiang Mai Arr | 123.95 | 110 | P | PKIKP | 14 12 28.6 +0.7 |
| CM02 | Chiang Mai Arr | 123.96 | 110 | P | PKIKP | 14 12 28.0 +0.1 |
| CM15 | Chiang Mai Arr | 123.96 | 110 | P | PKIKP | 14 12 28.0 +0.1 |
| CM31 | Chiang Mai Arr | 123.97 | 110 | P | PKIKP | 14 12 29.1 +1.1 |
| CM3R | Chiang Mai Arr | 123.97 | | | | |

ellipse: s-maj=12.5km s-min=1.8km az=263.0
ISK 11 14:58:42.8, 38.53N, 25.69E, h13km, ML2.4/9
ISC 11 14:58:42.8, 1.0, 38.49N, 0.03-25.65E, 0.05, h13km, 7km,
n20, c0533/31, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSRA Psara, CHOS Chios island, CESE eme, SAGR SIGRI, etc.

DJA 11 15:13:38.7, 0.4, 1'S, 3.12'E, h10km, M3.5/7, MLV3.5/7,
Minahasa Peninsula, Sulawesi

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

IDC 11 15:15:53.2, 0.1, 94N, 127.65E, h0km, mb3.4/4,
mb1 3.6/4, mb1mx3.4/4, mbtmp3.5/4, Error ellipse:
s-maj=126.0km s-min=22.6km az=70.0, Halmahera

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

NEIC 11 15:32:54.4, 2.3, 26.1S, 0.2x176.7W, 0.2, h340km, 17km,
mb4.3/4.1, Error ellipse: s-maj=33.8km s-min=13.3km
bz=126.0

IDC 11 15:33:28.2, 14.0, 26.52S, 179.79W, h502km, 104km,
mb3.0/5, mb1 3.1/6, mb1mx3.0/25, mbtmp4.0/6, Error
ellipse: s-maj=143.7km s-min=93.7km az=113.0

ISC 11 15:32:54.7, 0.8, 26.13S, 0.09x176.7W, 0.1, h350km, n33,
c1525/33, mb4.0/10, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, NIUE Niue, OUE Omahuta, etc.

NEIC 11 15:46:28.8, 1.9, 6.21S, 0.07x154.34E, 0.06, h21km, 4km,
mb4.3/4.1, Error ellipse: s-maj=12.2km s-min=5.1km
bz=220.0

DJA 11 15:46:31.6, 2.4, 6.3S, 3.15E, h87km, 16km, M4.6/7,
mb4.4/7, mb4.4/2, MLV4.7/2, Mw(mb)3.5/2

BUI 11 15:46:34.5, 0.0, 5.80S, 154.12E, h47km, mb5.1/18,
mb4.7/38, Ms4.9/8, Ms7.4/67

IDC 11 15:46:34.0, 1.7, 6.32S, 154.37E, h62km, 15km, mb4.1/21,
mb1 4.2/25, mb1mx4.2/41, mbtmp4.4/25, MS4.7/7,
Ms1 3.2/7, ms1mx3.4/40, Error ellipse: s-maj=14.1km
s-min=9.8km az=59.0

ISC 11 15:46:32.7, 0.3, 6.31S, 0.05x154.33E, 0.05, h48km, n111,
c1522/114, mb4.7/45, MS4.1/5, Bougainville-Solomon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, etc.

comp=Z,440nm,11.9s LR LR
GTA Gaotali 67.79 317 P P 15 57 26.2 +0.3
GTA 15 47 17.1 +0.8 pP sP 15 57 42.5 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GTA, ULN Ulanbaatar, SHL Shilling, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IVSH, IFAG, IADA, IHVE, IMEL, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HHC, HHC, HHC, NJ2, NJ2, CMAR, etc.

DC 11 16:37:14.3:2.2, 1.64N:126.12E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/32, mbtpm3.5/3, Error ellipse: s-maj=189.6km s-min=27.7km az=65.0, NEIC 11 16:37:22.4:2.3, 1.19N:0.09:125.70E:0.08, h52km, 7km, mb4.0/3, Error ellipse: s-maj=13.0km s-min=10.3km

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Code, Station Name, Frequency, Power, Mode, and other technical details.

NEIC 11 17:10:32.7:1.1, 18.8N:0.4:64.4W:0.2, h45km, 62km, Error ellipse: s-maj=53.0km s-min=16.4km az=164.0, TRN 11 17:10:33.5, 18.5N:64.43W, h49km, MD4.0, RSPR 11 17:10:34.6, 18.90N:64.24W, h33km, 9km, MD3.47, ISC 11 17:10:34.3:2.1, 18.8N:0.2:64.41W:0.05, h48km, 10km, n39, e053/55, 16C, Virgin Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBVI, TBVI, TBVI, TBVI, TBVI, etc.

DC 11 17:21:02.0:2.5, 6.65S:154.47E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/33, mbtpm3.4/5, ML3.6/1, Error ellipse: s-maj=66.7km s-min=32.2km az=102.0, ISC 11 17:21:09.3:2.0, 6.65S:0.2:154.3E:0.3, h48km, n6, e0941/7, mb3.3/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRVT, KRVT, WRA, ASAR, ASAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CDITO, CDITO, CDITO, PTJ1, PTJ1, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRU2, BRU2, BRU2, BRU2, BRU2, etc.

DC 11 17:30:16.2:0.9, 25.59N:63.27E, h30km, 6km, mb3.7/12, mb1 3.8/14, mb1mx3.5/42, mbtpm3.9/14, ML4.0/2, Error ellipse: s-maj=17.9km s-min=17.1km az=46.0, OMAN 11 17:30:23.2:3.2, 0.25:41N:62.70E, h23km, 174km, mb5.2/7, m4.3/6, ms2.4/1, Error ellipse: s-maj=189.7km s-min=26.8km az=281.0, DSN 11 17:30:28.2:2.1, 25.59N:62.08E, h10km, ML4.3/10, Error ellipse: s-maj=19.0km s-min=19.0km az=1.0, ISC 11 17:30:16.4:0.6, 25.64N:0.06:63.14E:0.06, h35km, n53, e196/66, mb3.8/13, Southwestern Pakistan

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Code, Station Name, Frequency, Power, Mode, and other technical details.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WSAR, WSAR, WSAR, WBK, WBK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JLN, JLN, JLN, BIDO, BIDO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JMQD, JMQD, JMQD, BSY, BSY, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BANOM, BANOM, BANOM, SOHO, SOHO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SHME, SHME, SHME, MDH, MDH, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MASF, MASF, MASF, MSFE, MSFE, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UOSS, UOSS, UOSS, SHME, SHME, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HATD, HATD, HATD, ASHO, ASHO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MHTO, MHTO, MHTO, MAZT, MAZT, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASUD, ASUD, ASUD, AJN, AJN, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DQM, DQM, DQM, DOM, DOM, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DMTO, DMTO, DMTO, CEP, CEP, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WHFO, WHFO, WHFO, AML, AML, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like UCH, UCH, UCH, EK2S, EK2S, etc.

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

0.7nm,0.7s,baz=112,slow=9.6,SNR=3.7
TORD Torodi Ar. Bea 58.83 270 P 17 40 13.2 +1.3
 0.4nm,0.5s,baz=63,slow=7.0,SNR=2.2
WRA Warramunga Arr 82.66 116 P 17 42 36.0 -0.7
 1.2nm,0.8s,baz=63,slow=6.8,SNR=4.3
ASAR Alice Springs 84.21 120 P 17 42 44.2 -0.4
 1.4nm,0.8s,baz=314,slow=5.0,SNR=11
 0.6nm,0.6s,baz=302,slow=5.2,SNR=12

NEIC 11 17:44:55.6; 1.8, 20.4; 0.1; 177.9W; 0.2; h514km, 8km,
 mb4.6/2.2, Error ellipse: s-maj=22.7km s-min=18.5km
 az=89.0
 IDC 11 17:44:55.4; 1.4, 20.275; 177.78W, h514km, 13km,
 mb3.1/1.1, mb1 3.4/13, mb1mx3.3/2.2, mbtmp4.0/13, Error
 ellipse: s-maj=19.4km s-min=13.7km az=134.0
 ISC 11 17:44:53.7; 0.5, 20.295; 0.10; 177.70W; 0.09, h500km,
 n66,+f128/69, mb4.2/22, Fiji Islands region

mb1 4.6/2.2, mb1mx4.4/4.0, mbtmp4.6/22, ML4.4/1, MS4.0/18,
 M51 4.0/18, ms1mx3.9/2.3, Error ellipse: s-maj=14.8km
 s-min=13.4km az=51.0
 NEIC 11 18:16:50.4; 0.9, 56.6; 8S; 0.1; 25.3W; 0.2, h10km, 17km,
 mb5.1/3.5, Error ellipse: s-maj=19.9km s-min=15.1km
 az=208.0
 BUJ 11 18:16:51.0; 0.57; 00S; 25.60W, h20km, mb5.6/1,
 Ms7 4.9/1
 ISC 11 18:16:50.6; 0.3, 56.31S; 0.07; 25.29W; 0.07, h10km, n199,
 +f1905/187, mb5.0/32, MS4.1/18, South Sandwich Islands
 region

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | Time | Res |
|------|---------------------|------|-----|----------|------|------------|------|
| | | | | | | h m s | ISC |
| CUKT | Cukurca | 0.42 | 40 | PG | Pg | 17 37 31.4 | -0.9 |
| CUKT | Cukurca | 0.42 | 40 | SG | Pg | 17 37 38.9 | +1.2 |
| MSL | Mosul | 0.54 | 194 | ePg | Pg | 17 37 34.0 | -0.7 |
| MSL | Mosul | | | eSg | Pg | 17 37 42.0 | +0.2 |
| MSL | comp=E, 4μm, 0.6s | | | AML | AML | 17 37 44.8 | |
| MSL | comp=N, 1μm, 0.7s | | | AML | AML | 17 37 45.1 | |
| HAKT | HAKKARI | 0.72 | 29 | iP | Pg | 17 37 37.0 | -1.1 |
| HAKT | HAKKARI | 0.72 | 29 | iS | Pg | 17 37 48.1 | +0.6 |
| HAKT | HAKKARI | 0.72 | 29 | ePg | Pg | 17 37 37.0 | -1.1 |
| SIRT | Sirnak | 0.88 | 311 | PG | Pg | 17 37 40.6 | -0.5 |
| SIRT | Sirnak | 0.88 | 311 | SG | Sb | 17 37 54.3 | -0.4 |
| SIRT | Sirnak | 0.88 | 311 | ePg | Pg | 17 37 40.6 | -0.5 |
| SIRT | Sirnak | 0.89 | 310 | iP | Pg | 17 37 51.2 | +0.6 |
| SIRT | Sirnak | | | iS | Pg | 17 37 54.5 | +1.6 |
| SIRT | comp=N, 1μm, 0.7s | | | IAML | IAML | 17 38 01.0 | |
| SIRT | comp=E, 1μm, 0.7s | | | IAML | IAML | 17 38 01.0 | |
| SIRN | Sirnak | 0.89 | 310 | ePg | Pg | 17 37 40.7 | -0.6 |
| YOVA | Hakkari_Yksek | 1.04 | 51 | iP | Pg | 17 37 43.3 | -1.1 |
| YOVA | Hakkari_Yksek | 1.04 | 51 | iS | Pg | 17 37 58.3 | +0.4 |
| YOVA | Hakkari_Yksek | 1.04 | 51 | ePg | Pg | 17 37 43.2 | -1.1 |
| PERV | Siirt/Pervari | 1.17 | 330 | iP | Pg | 17 37 51.2 | +0.5 |
| PERV | Siirt/Pervari | | | iS | Pg | 17 38 01.2 | +0.7 |
| PERV | comp=N, 2μm, 0.5s | | | IAML | IAML | 17 38 06.0 | |
| BASK | Baskale_VAN | 1.26 | 27 | iP | Pn | 17 37 47.5 | -1.9 |
| BASK | Baskale_VAN | | | iS | Pn | 17 38 06.3 | +1.3 |
| BASK | comp=N, 202nm, 0.3s | | | IAML | IAML | 17 38 10.0 | |
| BASK | Baskale_VAN | 1.26 | 27 | ePg | Pb | 17 37 47.4 | -1.9 |
| GEVA | Gevas | 1.39 | 353 | iP | Pb | 17 37 52.2 | +0.9 |
| GEVA | Gevas | | | iS | Sb | 17 38 09.7 | +0.1 |
| GEVA | comp=E, 472nm, 0.6s | | | IAML | IAML | 17 38 16.0 | |
| GEVA | Gevas | 1.39 | 353 | ePg | Pb | 17 37 52.1 | +0.9 |
| AKDM | Akdamar-Van | 1.42 | 351 | PN | Pn | 17 37 50.7 | -0.8 |
| AKDM | Akdamar-Van | | | iS | Pn | 17 39 11.5 | +1.5 |
| AKDM | Akdamar-Van | 1.42 | 351 | PN | Pn | 17 37 51.0 | 0.0 |
| SRTM | Siirt_Merkez | 1.51 | 315 | ePg | Pn | 17 37 52.5 | -0.2 |
| SRTM | Siirt_Merkez | | | iS | Pn | 17 38 13.8 | +1.0 |
| SRTM | comp=E, 874nm, 0.8s | | | IAML | IAML | 17 38 17.0 | |
| SRTM | comp=N, 789nm, 0.5s | | | IAML | IAML | 17 38 23.0 | |
| SRTM | Siirt_Merkez | 1.51 | 315 | ePn | Pn | 17 37 52.4 | -0.2 |
| MIDY | Mardin/Midyat | 1.57 | 288 | iP | Pn | 17 37 53.0 | -0.5 |
| TVAN | Van | 1.60 | 4 | iP | Pb | 17 37 55.4 | +0.5 |
| TVAN | Van | | | iS | Pb | 17 38 18.2 | +3.1 |
| TVAN | comp=E, 594nm, 0.9s | | | IAML | IAML | 17 38 22.0 | |
| TVAN | Van | 1.60 | 4 | ePn | Pb | 17 37 55.3 | +0.5 |
| VANB | Van | 1.67 | 3 | PN | Pn | 17 37 53.6 | -1.3 |
| VANB | Van | 1.67 | 3 | PN | Pn | 17 37 53.5 | -1.3 |
| BLIS | Bitlis-Merkez | 1.74 | 329 | iP | Pn | 17 37 55.8 | -0.1 |
| BLIS | Bitlis-Merkez | | | iS | Sn | 17 38 19.2 | +0.2 |
| BLIS | comp=N, 364nm, 0.6s | | | IAML | IAML | 17 38 25.0 | |
| BLIS | Bitlis-Merkez | 1.74 | 329 | ePn | Pn | 17 37 55.8 | -0.1 |
| OZAP | Van, Ozalp-Merkez | 1.82 | 18 | iP | Pn | 17 37 58.3 | +1.3 |
| BTMN | Batman | 1.86 | 302 | iP | Pn | 17 37 56.8 | -0.7 |
| BTMN | Batman | | | iS | Pn | 17 38 28.2 | +0.1 |
| BTMN | comp=N, 1μm, 0.7s | | | IAML | IAML | 17 38 25.0 | |
| BTMN | comp=N, 1μm, 0.7s | | | IAML | IAML | 17 38 27.0 | |
| GURC | Guroyoglu | 1.89 | 329 | PN | Pn | 17 37 57.9 | -0.1 |
| ADCV | Bitlis_Adilcev | 1.93 | 347 | PN | Pb | 17 38 00.8 | +0.4 |
| MAHB | Mahabad | 1.96 | 94 | ePg | Pn | 17 37 59.5 | +0.6 |
| MAHB | Mardin | 2.03 | 282 | iP | Pn | 17 38 32.9 | |
| MARD | Mardin | 2.03 | 282 | iP | Pn | 17 38 00.2 | +0.3 |
| MARD | Mardin | | | iS | Sn | 17 38 26.2 | +0.3 |
| MARD | comp=E, 1μm, 0.7s | | | IAML | IAML | 17 38 32.0 | |
| MARD | comp=N, 1μm, 0.7s | | | IAML | IAML | 17 38 36.0 | |
| SVAN | Silvan-Diyarba | 2.05 | 307 | PN | Pn | 17 37 59.7 | -0.3 |
| SVAN | Silvan-Diyarba | 2.05 | 307 | iP | Pn | 17 38 01.1 | +1.1 |
| SVAN | SVAN | | | iS | Sn | 17 38 25.7 | -0.6 |
| SVAN | comp=N, 285nm, 0.6s | | | IAML | IAML | 17 38 32.0 | |
| VMUR | Van-Muradiye | 2.07 | 6 | iP | Pb | 17 38 03.8 | +0.9 |
| CLDR | Caldiran | 2.27 | 13 | PN | Pn | 17 38 02.8 | -0.4 |
| CLDR | Caldiran | 2.27 | 13 | iP | Pb | 17 38 05.7 | -0.6 |
| MUSM | Mu-Merkez | 2.27 | 323 | iP | Pb | 17 38 04.2 | +1.1 |
| MUSM | Musum | | | iS | Sb | 17 38 34.5 | -0.3 |
| MUSM | comp=N, 208nm, 0.6s | | | IAML | IAML | 17 38 36.0 | |
| MLAZ | Malazgirt-MUS | 2.28 | 346 | PN | Pn | 17 38 02.7 | -0.6 |
| MAZI | Mazidag | 2.32 | 284 | PN | Pn | 17 38 02.9 | -0.9 |
| IMRD | Marand | 2.62 | 46 | e | Pn | 17 38 19.5 | |
| IMRD | Tabriz | 2.63 | 59 | ePn | Pn | 17 38 08.4 | +0.4 |
| ITBZ | Tabriz | 2.63 | 59 | ePn | Pn | 17 38 07.6 | -0.5 |
| VRTB | Varto-Mus | 2.65 | 328 | PN | Pn | 17 38 08.1 | -0.3 |
| VRTB | Varto-Mus | 2.65 | 328 | iP | Pb | 17 38 11.8 | -0.9 |
| AGRB | Hanur-Agry | 2.65 | 355 | PN | Pb | 17 38 08.7 | +0.2 |
| DYB | Diyarbakir | 2.69 | 293 | PN | Pn | 17 38 08.6 | -0.3 |
| SLHN | Bingol, Solhan | 2.69 | 319 | iP | Pn | 17 38 10.8 | +1.8 |
| HANI | Diyarbakir_Han | 2.72 | 304 | iP | Pb | 17 38 13.8 | -0.1 |
| HANI | HANI | | | iS | Sb | 17 38 46.2 | -1.5 |
| KOTA | Agri, Merkez-K | 2.87 | 359 | iP | Pn | 17 38 10.8 | -0.7 |
| BNGB | Bingol | 2.91 | 316 | PN | Pn | 17 38 11.5 | -0.4 |
| KARO | Karliova-Bingo | 2.95 | 324 | PN | Pn | 17 38 12.0 | -0.6 |
| TASS | TASBURUN-IGDIR | 3.14 | 14 | PN | Pn | 17 38 14.9 | -0.2 |
| KOPR | Koprukoy-ERZUR | 3.25 | 340 | PN | Pn | 17 38 16.6 | -0.1 |
| YEDI | Yedisu-Bingol | 3.30 | 320 | PN | Pn | 17 38 17.3 | 0.0 |
| IDHR | Dehrah | 3.37 | 19 | ePn | Pn | 17 38 18.8 | +0.5 |
| IDHR | Garni | 3.42 | 19 | PN | Pn | 17 39 21.0 | |
| GH | Hashtur | 3.46 | 65 | PN | Pn | 17 38 17.0 | -2.6 |
| SVRC | Siirvice-ELAZID | 3.46 | 296 | PN | Pn | 17 38 18.5 | -1.1 |
| URFA | Urfa | 3.59 | 208 | PN | Pn | 17 38 20.8 | -0.4 |
| ILIN | Lien | 3.60 | 123 | ePn | Pn | 17 38 21.5 | -0.1 |
| ISRB | Sarab | 3.61 | 74 | ePn | Pn | 17 38 22.6 | +0.9 |
| ISRB | PTK | 3.64 | 304 | PN | Pn | 17 38 21.4 | -0.6 |
| SENK | Senkaya-Erzuru | 3.70 | 349 | PN | Pn | 17 38 22.6 | -0.2 |
| IGHG | Ghaleghazi | 3.73 | 133 | PN | Pn | 17 38 23.9 | +0.5 |
| BHD | Baghdad | 3.76 | 166 | ePn | Pn | 17 38 23.0 | -0.5 |
| BHD | Baghdad | | | iS | Pn | 17 39 09.0 | +0.6 |
| ERZN | Ercizcan | 3.85 | 315 | PN | Pn | 17 38 25.1 | +0.2 |
| KCHF | Cheshme Sefid, | 4.05 | 130 | ePn | Pn | 17 38 27.8 | +0.1 |
| KCHF | KCHF | | | e | Pn | 17 39 49.3 | |
| MALT | Malatya | 4.09 | 291 | PN | Pn | 17 38 28.0 | -0.1 |
| BALY | Kaydintepe-Bayb | 4.24 | 326 | PN | Pn | 17 38 30.7 | +0.5 |
| IDBR | Badra | 4.39 | 149 | ePn | Pn | 17 38 32.0 | -0.6 |
| IDBR | IDBR | | | eS | Sn | 17 39 25.0 | +1.0 |
| HSRG | Sareghieh | 4.39 | 111 | ePn | Pn | 17 38 33.0 | +0.5 |
| IKOM | Komasi | 4.42 | 127 | ePn | Pn | 17 38 33.1 | +0.4 |
| HSAM | Samen | 4.42 | 120 | ePn | Pn | 17 38 42.8 | +0.3 |
| IRAZ | Razeghan | 5.60 | 104 | PN | Pn | 17 38 48.8 | -0.1 |
| NSR | Nassriya | 6.37 | 157 | ePn | Pn | 17 39 00.0 | +0.7 |
| NSR | NSR | | | eS | Sn | 17 40 13.0 | +0.3 |
| KLNJ | Kolanjah | 9.09 | 128 | ePn | Pn | 17 39 36.5 | -0.5 |

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | Time | Res |
|------|------------------------|------------------------------------|-----|----------|------|------------|------|
| | | | | | | h m s | ISC |
| MSVF | Nonsavu | 4.76 | 302 | Op | ISC | 17 46 20.2 | +1.5 |
| MSVF | Nonsavu | 3.0nm,0.3s,baz=132,slow=3.8,SNR=14 | | S | S | 17 47 30.0 | +2.0 |
| MSVF | baz=15,slow=23,SNR=1.2 | | | S | S | 17 47 30.0 | +2.0 |
| AFI | Kuatothu | 8.50 | 43 | P | P | 17 46 52.8 | -2.7 |
| KUZ | Kuatothu | 17.37 | 198 | P | P | 17 48 46.4 | +1.8 |
| HAZ | Ta Kaha | 17.84 | 192 | P | P | 17 48 34.5 | +2.0 |
| RUGZ | Raumamara Rang | 18.06 | 192 | P | P | 17 48 37.9 | +3.2 |
| MWZ | Matawau | 18.46 | 192 | P | P | 17 48 40.0 | +1.9 |
| URZ | Urewera | 18.46 | 193 | P | P | 17 48 38.2 | +0.1 |
| URZ | Urewera | 18.46 | 193 | P | P | 17 48 36.7 | -1.5 |
| URZ | comp=2.9, 1nm, 0.7s | | | IAMB | IAMB | 17 48 40.1 | |
| BKZ | Black Stump Fm | 19.46 | 194 | P | P | 17 48 45.0 | -2.4 |
| BKZ | comp=2.26nm, 1.4s | | | IAMB | IAMB | 17 48 59.1 | |
| ETVZ | East Tongariro | 19.62 | 195 | P | P | 17 48 50.6 | +1.7 |
| OTVZ | Otarepa | 19.65 | 195 | P | P | 17 48 49.8 | +0.5 |
| BHHZ | Black Hill Sta | 19.87 | 194 | P | P | 17 48 51.0 | -0.1 |
| DVHZ | Dannevirke | 20.62 | 193 | P | P | 17 48 56.0 | -1.9 |
| BFZ | Birch Farm | 20.97 | 193 | P | P | 17 49 01.6 | +0.5 |
| BFZ | Birch Farm | 20.97</ | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SMTB Santa Maria do, WLB Vilhena, CLDB Colider, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 18:30:09.0, 51.39N, 16.23E, hokm, mb1 3.4/7, PRU 11 18:30:11.1, 0.0, 51.41N, 16.16E, hokm, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 18:56:53.0, 0.9, 59.21S, 25.83W, hokm, mb4 0/6, VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.

SKHL 11 20:13:27.0.0.3,44.28N:148.02E,h35km,4km,mb4.4/4
ISC 11 20:13:24.0.2.9,44.22N:0.1x148.3E:0.2,h31km,24km,n13,
c=140/25,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, GRPR Tuman, etc.

MAN 11 20:26:13.7,13.83N:120.07E,h31km,mb4.3,ML3.1,
MS2.8,1C-1D,Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like LUBP Lubang, PGP Puerto Galera, SJMP San Jose, etc.

IDC 11 20:33:17.6:0.7,51.91N:178.31E,h103km,5km,mb4.1/25,
mb1 4.2/27,mb1mx4.0/48,mbtmp4.2/27,MS3.72,
Ms1 3.7/2,ms1mx2.9/57,Error ellipse: s-maj=16.6km
s-min=8.5km az=164.0

NEIC 11 20:33:17.2:1.4,51.67N:0.07E:178.20E:0.07,
h110km,4km,Error ellipse: s-maj=10.7km s-min=6.4km
az=170.0

AEIC 11 20:33:18.1:6.51,72N:0.09E:178.21E:0.08,h105km,4km,
ML4.2/40,mb4.7/163(NEIC),Error ellipse: s-maj=12.8km
s-min=6.8km az=182.0

ISC 11 20:33:17.0:0.4,51.81N:0.08E:178.21E:0.04,h100km,
n361,c=190/366,mb4.7/83,Rat Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like LSSA Little Sitkin, AMKA Amchitka, CERA Semis' Rag'd T, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like O22K Cooper Landing, KTH Kantishna Hill, IMAR Indian Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like MJAR Matushiro Arr, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

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

IDC 11 21:35:34.0,2.2,9.17S;-119:99E,h0km,mb3.4/1, mb1 3.5/4,mb1mx3.3/39,mbtm3.3/4,ML3.3/3, Error ellipse: s-maj=176.7km s-min=27.6km az=54.0

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

IDC 11 21:36:03.2,1.2,37:53S;-179:51E,h0km,mb4.0/3, mb1 4.2/4,mb1mx3.9/40,mbtm4.0/4,ML3.5/1,MS3.5/3, Ms1 3.5/3,ms1mx3.1/26,Error ellipse: s-maj=33.0km s-min=27.0km az=164.0

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

IDC 11 21:42:12.0,38:90N;-26:28E,h11km,ML2.5/23 ATH 11 21:42:12.5,38:89N;-26:25E,h20km,9km,ML1.8/2, Error ellipse: s-maj=9.5km s-min=1.2km az=25.0

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

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

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

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

IDC 11 21:55:56.7,37:52S;-179:52E,2.1,h97km,38km,M2.9/10, s-min=1.8,MLV2.9/10,Error ellipse: s-maj=0.1km s-min=0.1km az=163.4

az=126.0
 ISC 11 21:57:16.2-1.0,39.70N,0°03:73.43E,0°02,h14km,6km,
 n264,c2814/316,mb4.3/41,MS4.5/3,41C-36D,
 Tajikistan-Xinjiang border region

| Code | Station Name | Δ ^α | AZ ^Z | Phase ID | ISC | Time | Res |
|------|----------------|----------------|-----------------|----------|-----|------------|------|
| | | | | | | h m s | s |
| SFK | Sufi-Kurgan | 0.32 | 10 | Op | ISC | 21 57 19 | -1.0 |
| SFK | Sufi-Kurgan | | | Op | ISC | 21 57 25.8 | -1.7 |
| SFK | Sufi-Kurgan | 0.32 | 10 | eP | Pg | 21 57 21.6 | -1.3 |
| SFK | Sufi-Kurgan | | | eP | Pg | 21 57 25.9 | -1.6 |
| OHH | Osh | 0.96 | 329 | Op | Pb | 21 57 34.3 | -0.4 |
| OHH | Osh | | | Op | Pb | 21 57 47.7 | +0.3 |
| OHH | Osh | 0.96 | 329 | eP | Pb | 21 57 34.0 | -0.7 |
| OHH | Osh | | | eP | Pb | 21 57 47.9 | +0.5 |
| DRK | Karamyk | 1.28 | 261 | Op | Pg | 21 57 41.7 | +0.9 |
| DRK | Karamyk | | | Op | Pg | 21 58 00.4 | +2.9 |
| DRK | Karamyk | 1.28 | 261 | Pg | Pb | 21 57 41.4 | +0.6 |
| FRG | Fergana | 1.63 | 310 | eP | Pn | 21 57 44.0 | -0.5 |
| FRG | Fergana | | | eP | Pn | 21 58 04.9 | -0.4 |
| ARSB | Arslanbob | 1.66 | 348 | Op | Pb | 21 57 46.3 | -0.3 |
| ARSB | Arslanbob | | | Op | Pb | 21 58 08.5 | +1.0 |
| ARSB | Arslanbob | 1.66 | 348 | PN | Pb | 21 57 46.6 | 0.0 |
| ARSB | Arslanbob | | | PN | Pb | 21 57 46.0 | 0.0 |
| ARSB | Arslanbob | 1.66 | 348 | eS | Pb | 21 57 46.0 | 0.6 |
| ARSB | Arslanbob | | | eS | Pb | 21 58 07.6 | +0.1 |
| NAM | Namangan | 1.87 | 314 | eP | Pg | 21 57 52.7 | +0.6 |
| NAM | Namangan | | | eP | Pg | 21 58 18.9 | +2.5 |
| KSH | Kashi | 1.97 | 94 | Pn | Pn | 21 57 48.0 | -1.3 |
| KSH | Kashi | | | Pn | Pn | 21 58 12.8 | -1.1 |
| BTK | Batken | 2.04 | 281 | Op | Pg | 21 57 54.3 | -1.1 |
| BTK | Batken | | | Op | Pg | 21 58 22.3 | +0.5 |
| BTK | Batken | 2.04 | 281 | PN | Pb | 21 57 54.2 | -1.1 |
| BTK | Batken | | | PN | Pb | 21 57 54.1 | +1.1 |
| BTK | Batken | 2.04 | 281 | eP | Pg | 21 57 54.3 | -1.1 |
| BTK | Batken | | | eP | Pg | 21 58 24.1 | +2.3 |
| ARLS | Aral | 2.27 | 17 | Op | Pb | 21 57 56.0 | -0.9 |
| ARLS | Aral | | | Op | Pb | 21 58 24.8 | -0.1 |
| AML | Almayashu | 2.44 | 5 | Op | Pb | 21 57 58.3 | -1.8 |
| AML | Almayashu | | | Op | Pb | 21 58 29.2 | -0.9 |
| AML | Almayashu | 2.44 | 5 | P | Pn | 21 57 58.0 | +2.0 |
| GAR | Garm | 2.51 | 255 | Op | Pb | 21 58 01.2 | +0.1 |
| GAR | Garm | | | Op | Pb | 21 58 33.9 | +2.0 |
| GAR | Garm | 2.51 | 255 | PN | Pb | 21 58 01.8 | +0.7 |
| TRKS | Terek-Say | 2.53 | 317 | eP | Pb | 21 57 59.5 | -1.9 |
| TRKS | Terek-Say | | | Op | Pb | 21 58 31.3 | -1.1 |
| UCH | Uchtor | 2.66 | 18 | Op | Pn | 21 58 01.2 | +2.2 |
| UCH | Uchtor | | | Op | Pn | 21 58 33.9 | +2.7 |
| UCH | Uchtor | 2.66 | 18 | P | Pn | 21 58 01.0 | +2.0 |
| MNAS | Manasa | 2.87 | 346 | Op | Pb | 21 58 04.6 | -2.7 |
| MNAS | Manasa | | | Op | Pb | 21 58 40.0 | -2.4 |
| EKS2 | Erkin-Say | 2.97 | 5 | Op | Pn | 21 58 05.7 | +2.7 |
| EKS2 | Erkin-Say | | | Op | Pn | 21 58 41.8 | +3.3 |
| EKS2 | Erkin-Say | 2.97 | 5 | P | Pn | 21 58 05.7 | +2.7 |
| AAK | Ala-Archa | 3.05 | 15 | PN | Pn | 21 58 06.4 | +2.3 |
| AAK | Ala-Archa | | | PN | Pn | 21 58 44.9 | -2.4 |
| AAK | Ala-Archa | 3.05 | 15 | Op | Lg | 21 58 50.2 | |
| AAK | Ala-Archa | | | Op | Lg | 21 58 06.7 | +2.6 |
| AAK | Ala-Archa | 3.05 | 15 | PN | Pn | 21 58 43.4 | +3.0 |
| AAK | Ala-Archa | | | PN | Pn | 21 58 06.6 | +2.6 |
| AAK | Ala-Archa | 3.05 | 15 | eP | Pb | 21 58 06.6 | +2.5 |
| AAK | Ala-Archa | | | eP | Pb | 21 58 10.6 | +0.3 |
| MRKS | Merke | 3.05 | 357 | eS | Pb | 21 58 48.1 | +0.7 |
| MRKS | Merke | | | eS | Pb | 21 58 06.4 | +2.4 |
| MRKS | Merke | 3.05 | 357 | Pg | Pn | 21 58 43.8 | |
| MRKS | Merke | | | Pg | Pn | 21 58 10.6 | +0.3 |
| MRKS | Merke | 3.05 | 357 | ePN | Pb | 21 58 48.1 | +0.7 |
| MRKS | Merke | | | ePN | Pb | 21 58 48.1 | +0.7 |
| KBK | Karagaybulak | 3.17 | 21 | Op | Pb | 21 58 08.3 | +2.5 |
| KBK | Karagaybulak | | | Op | Pb | 21 58 46.5 | +3.0 |
| KBK | Karagaybulak | 3.17 | 21 | P | Pn | 21 58 08.2 | +2.5 |
| FRU1 | Bishkek | 3.24 | 16 | Op | Pn | 21 58 09.1 | +2.5 |
| FRU1 | Bishkek | | | Op | Pn | 21 58 48.1 | +3.1 |
| FRU1 | Bishkek | 3.24 | 16 | PN | Pn | 21 58 04.2 | -2.4 |
| FRU1 | Bishkek | | | PN | Pn | 21 58 04.2 | -2.4 |
| ULHL | Ulahol | 3.32 | 39 | Op | Pn | 21 58 10.4 | +2.5 |
| ULHL | Ulahol | | | Op | Pn | 21 58 49.4 | +2.2 |
| ULHL | Ulahol | 3.32 | 39 | P | Pn | 21 58 10.4 | +2.5 |
| BOOM | Boomskiye usch | 3.38 | 33 | Op | Pb | 21 58 10.8 | +2.2 |
| BOOM | Boomskiye usch | | | Op | Pb | 21 58 51.1 | +2.6 |
| BOOM | Boomskiye usch | 3.38 | 33 | PN | Pn | 21 58 10.4 | +1.8 |
| BOOM | Boomskiye usch | | | PN | Pn | 21 58 10.4 | +1.8 |
| CHMS | Chumysh | 3.45 | 16 | Op | Pn | 21 58 11.9 | +2.5 |
| CHMS | Chumysh | | | Op | Pn | 21 58 52.9 | +2.8 |
| CHMS | Chumysh | 3.45 | 16 | P | Pn | 21 58 12.0 | +2.5 |
| CHGR | Chuyangaron | 3.48 | 254 | PN | Pb | 21 58 14.4 | -3.2 |
| IUG | Iuzhnay | 3.55 | 315 | eP | Pb | 21 58 20.2 | +1.4 |
| IUG | Iuzhnay | | | eP | Pb | 21 59 04.1 | +2.3 |
| IUG | Iuzhnay | 3.55 | 315 | Pg | Pn | 21 58 14.2 | +3.3 |
| IUG | Iuzhnay | | | Pg | Pn | 21 58 56.8 | |
| IUG | Iuzhnay | 3.55 | 315 | ePN | Pb | 21 58 20.2 | +1.4 |
| IUG | Iuzhnay | | | ePN | Pb | 21 58 20.2 | +1.4 |
| DZA | Taraz | 3.56 | 334 | eP | Pb | 21 58 20.9 | +2.0 |
| DZA | Taraz | | | eP | Pb | 21 59 04.9 | +2.9 |
| DZA | Taraz | 3.56 | 334 | Pg | Pb | 21 58 15.2 | -3.7 |
| DZA | Taraz | | | Pg | Pb | 21 58 58.5 | |
| DZA | Taraz | 3.56 | 334 | ePN | Pb | 21 58 20.9 | +2.0 |
| DZA | Taraz | | | ePN | Pb | 21 58 13.9 | +2.1 |
| USP | Ospenovka | 3.66 | 12 | Op | Pn | 21 58 15.2 | +2.9 |
| USP | Ospenovka | | | Op | Pn | 21 58 58.1 | +2.8 |
| USP | Ospenovka | 3.66 | 12 | P | Pn | 21 58 14.5 | +2.2 |
| KDJ | Kajisay | 3.74 | 48 | Op | Pn | 21 58 16.3 | +2.7 |
| KDJ | Kajisay | | | Op | Pn | 21 59 00.2 | +2.7 |
| KDJ | Kajisay | 3.74 | 48 | PN | Pn | 21 58 16.3 | +2.7 |

| | | | | | | | |
|------|---------------|------|-----|-----|----|------------|------|
| KDJ | Kajisay | 3.74 | 48 | Pn | Pb | 21 58 16.2 | +2.7 |
| KST | Kastek | 3.85 | 29 | eP | Pb | 21 58 25.9 | +2.0 |
| KST | Kastek | | | eS | Pb | 21 59 13.9 | +3.5 |
| KST | Kastek | 3.85 | 29 | Pg | Pb | 21 58 24.1 | +0.2 |
| KST | Kastek | | | Lg | Lg | 21 59 14.4 | |
| KST | Kastek | 3.85 | 29 | ePN | Pb | 21 58 25.9 | +2.0 |
| SGDS | Sogindiy | 3.86 | 13 | Pg | Pb | 21 58 23.9 | -0.1 |
| SGDS | Sogindiy | | | Lg | Lg | 21 59 13.8 | |
| CHM | Chimkent | 3.90 | 313 | eP | Pb | 21 58 26.9 | +2.1 |
| CHM | Chimkent | | | eS | Pb | 21 59 15.7 | +3.9 |
| CHM | Chimkent | 3.90 | 313 | ePN | Pb | 21 58 26.9 | +2.1 |
| DGS | Degeres | 3.96 | 26 | eP | Pb | 21 58 27.0 | +1.3 |
| DGS | Degeres | | | eS | Pb | 21 59 15.9 | +2.5 |
| DGS | Degeres | 3.96 | 26 | Pg | Pb | 21 58 25.9 | +0.2 |
| DGS | Degeres | | | Lg | Lg | 21 59 17.5 | |
| DGS | Degeres | 3.96 | 26 | ePN | Pb | 21 58 27.0 | +1.3 |
| DGS | Degeres | | | ePN | Pb | 21 58 20.0 | +3.0 |
| KK31 | Kararay Array | 4.05 | 328 | PN | Pn | 21 58 33.5 | -0.2 |
| KK31 | Kararay Array | | | PN | Pn | 21 59 10.6 | +5.7 |
| KK31 | Kararay Array | 4.05 | 328 | PN | Pn | 21 59 23.1 | |
| KK31 | Kararay Array | | | PN | Pn | 21 58 20.3 | +2.6 |
| KK31 | Kararay Array | | | PN | Pn | 21 58 20.3 | +2.6 |
| KKAR | Kararay Array | 4.05 | 328 | PN | Pn | 21 58 20.3 | +2.6 |
| KKAR | Kararay Array | | | PN | Pn | 21 58 20.1 | +2.4 |
| KKAR | Kararay Array | 4.05 | 328 | PN | Pn | 21 58 30.2 | +1.9 |
| MTBS | Maitube | 4.11 | 32 | eP | Pb | 21 59 21.2 | +3.5 |
| MTBS | Maitube | | | eS | Pb | 21 58 29.6 | +1.4 |
| MTBS | Maitube | 4.11 | 32 | ePN | Pb | 21 58 30.2 | +1.9 |
| MTBS | Maitube | | | ePN | Pb | 21 58 28.9 | +0.6 |
| IZV | Izvestkoviy | 4.11 | 35 | eP | Pb | 21 59 18.8 | +1.0 |
| IZV | Izvestkoviy | | | eS | Pb | 21 59 18.8 | +1.0 |
| IZV | Izvestkoviy | 4.11 | 35 | Pg | Pb | 21 58 29.4 | +1.1 |
| IZV | Izvestkoviy | | | Lg | Lg | 21 59 22.8 | |
| IZV | Izvestkoviy | 4.11 | 35 | ePN | Pb | 21 58 28.9 | +0.6 |
| TNSS | Tian-Shan | 4.26 | 37 | eP | Pb | 21 58 32.2 | +1.1 |
| TNSS | Tian-Shan | | | eS | Pb | 21 59 24.5 | +2.0 |
| TNSS | Tian-Shan | 4.26 | 37 | Pg | Pb | 21 58 31.6 | +0.6 |
| TNSS | Tian-Shan | | | Lg | Lg | 21 59 26.8 | |
| TNSS | Tian-Shan | 4.26 | 37 | ePN | Pb | 21 58 32.2 | +1.1 |
| KRBS | Karabastau | 4.33 | 22 | eP | Pb | 21 58 33.9 | +1.8 |
| KRBS | Karabastau | | | eS | Pb | 21 59 27.7 | +3.4 |
| KRBS | Karabastau | 4.33 | 22 | Pg | Pb | 21 58 33.1 | +1.0 |
| KRBS | Karabastau | | | Lg | Lg | 21 59 29.8 | |
| KRBS | Karabastau | 4.33 | 22 | ePN | Pb | 21 58 33.9 | +1.8 |
| MDOK | Medeo | 4.40 | 37 | eP | Pb | 21 58 34.0 | +0.6 |
| MDOK | Medeo | | | eS | Pb | 21 58 24.9 | +2.2 |
| MDOK | Medeo | 4.40 | 37 | PN | Pn | 21 58 35.5 | +2.1 |
| MDOK | Medeo | | | PN | Pn | 21 59 32.7 | |
| MDOK | Medeo | 4.40 | 37 | Op | Lg | 21 58 34.3 | +1.0 |
| MDOK | Medeo | | | Op | Lg | 21 59 31.7 | |
| MDOK | Medeo | 4.40 | 37 | ePN | Pb | 21 58 34.0 | +0.6 |
| KNDC | Almaty | 4.41 | 36 | Op | Pn | 21 58 25.0 | +2.3 |
| KNDC | Almaty | | | Op | Pn | 21 58 36.9 | +3.6 |
| KNDC | Almaty | 4.41 | 36 | Op | Lg | 21 59 33.4 | |
| ANVS | Anan'yevov | 4.44 | 45 | Op | Pn | 21 58 25.6 | +2.4 |
| ANVS | Anan'yevov | | | Op | Pn | 21 59 16.6 | +1.8 |
| ANVS | Anan'yevov | 4.44 | 45 | Op | Pn | 21 58 35.6 | +0.8 |
| KOTS | Kotyrybulak | 4.49 | 37 | eP | Pb | 21 59 30.4 | +1.6 |
| KOTS | Kotyrybulak | | | eS | Pb | 21 58 36.2 | +1.4 |
| KOTS | Kotyrybulak | 4.49 | 37 | Pg | Pb | 21 59 34.4 | |
| KOTS | Kotyrybulak | | | Lg | Lg | 21 58 35.6 | +0.8 |
| KOTS | Kotyrybulak | 4.49 | 37 | ePN | Pb | 21 58 41.0 | +2.8 |
| KTBS | Karabobe | 4.69 | 30 | eP | Pb | 21 59 39.5 | +4.9 |
| KTBS | Karabobe | | | eS | Pb | 21 58 39.5 | +1.3 |
| KTBS | Karabobe | 4.69 | 30 | Pg | Pb | 21 58 41.0 | +2.8 |
| KUU | Kury | 4.72 | 26 | eP | Pb | 21 58 40.6 | +1.9 |
| KUU | Kury | | | eS | Pb | 21 58 40.3 | +1.6 |
| KUU | Kury | 4.72 | 26 | Pg | Pb | 21 58 40.3 | +1.6 |
| KUU | Kury | | | Lg | Lg | 21 59 41.5 | |
| KUU | Kury | 4.72 | 26 | ePN | Pb | 21 58 40.6 | +1.9 |
| CHKK | Chushkaly | 4.93 | 31 | eP | Pb | 21 58 45.3 | +3.0 |
| CHKK | Chushkaly | | | eS | Pb | 21 59 47.4 | +5.9 |
| CHKK | Chushkaly | 4.93 | 31 | Pg | Pb | 21 58 44.5 | +2.2 |
| CHKK | Chushkaly | | | Lg | Lg | 21 59 48.6 | |
| CHKK | Chushkaly | 4.93 | 31 | ePN | Pb | 21 58 45.3 | +3.0 |
| SATY | Saty | 5.03 | 46 | eP | Pb | 21 58 45.3 | +1.3 |
| SATY | Saty | | | eS | Pb | 21 59 47.1 | +2.7 |
| SATY | Saty | 5.03 | 46 | Pg | Pb | 21 58 45.9 | +1.9 |
| SATY | Saty | | | Lg | Lg | 21 59 51.1 | |
| SATY | Saty | 5.03 | 46 | ePN | Pb | 21 58 45.3 | +1.3 |
| ZHN | Zhinshike | 5.12 | 46 | eP | Pb | 21 58 46.0 | +0.5 |
| ZHN | Zhinshike | | | eS | Pb | 21 59 48.1 | +1.2 |
| ZHN | Zhinshike | 5.12 | 46 | Pg | Pb | 21 5 | |

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MRHZ, MCHZ, BKZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like IGT, IGT, IGT, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SANT, IVA, IVA, etc.

BGR 11 22:23:46.70.0.37,04N:22:40E,h33km,Ms3.2
IDC 11 22:24:17.6.0.4,38.41N:20.53E,h0km,mb4.8/31,
mb1 4.8/44,mb1mx4.7/54,mbmp4.7/44,ML4.4/12,
MS4.0/23,Ms1 4.0/23,ms1mx3.7/58,Error ellipse:
s-maj=10.5km s-min=8.8km az=128.0

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

HLW 11 22:24:18.4,38.47N:20.78E,h19km,15km,MD5.1
BEO 11 22:24:21.6,38.31N:20.19E,h31km,4km,ML4.9/13
SKO 11 22:24:21.7,38.31N:20.54E,h20km

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

MED_RK 11 22:24:22.0,38.37N:20.43E,h31km,1km,MW4.7/20,
Moment Tensor Solution: nstare waves: s20,c25;
Duration: 180 Moment tensor: Scale 10^16Nm;
Mw=0.80±.13; Mw-0.8±.08; Mw-0.9±.05; Mw-0.9±.07;
Mw-0.2±.07; Mw-0.2±.06; Best double couple:
Mo1.60000e+07 NP1.0±.139.00000°,δ57.00000°,
λ-150.00000°. NP2±.31.00000°,δ65.00000°,
λ-37.00000°. Principal axes: T 1.7300,Plg6.0000°,
Az=87.00000°, N -0.2600,Plg4.0000°, Az=183.00000°; P
-1.4700,Plg43.0000°, Az=352.00000°; nstare refers to
body waves. nstare refers to surface waves, cutoff=35s.

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

PDG 11 22:24:22.8,38.45N:20.43E,h34km,2km,ML4.9/13,
ML5.0/14, Error ellipse: s-maj=0.7km s-min=0.5km az=0.0
MOS 11 22:24:22.5,12.38S:54N:20.56E,h40km,0.5km,0.24,Error
ellipse: s-maj=4.5km s-min=3.3km az=70.2

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

ATH 11 22:24:22.1,38.38N:20.44E,h28km,ML4.8/9,Error
ellipse: s-maj=1.4km s-min=0.6km az=258.0
NEIC 11 22:24:23.4,38.39N:20.41E,h31km,Moment Tensor
Solution. Moment tensor: Scale 10^16Nm; Mw=0.49;
Mw-0.6±.11; Mw-0.3±.03; Mw-0.3±.03; Mw-0.3±.03;
Fault plane solution: Mo1.13000e+07 NP1.0±.154.14000°,
δ70.17000°,λ-145.09000°. NP2±.50.82000°,δ57.42000°,
λ-23.74000°. Principal axes: T 1.2206,Plg8.0000°,
Az=280.00000°, N -0.2178,Plg50.0000°, Az=18.00000°,
P -1.0028,Plg38.0000°, Az=16.00000°

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

THE 11 22:24:23.4,38.39N:20.41E,h18km,ML4.9/14,Error
ellipse: s-maj=1.2km s-min=0.5km az=263.0
NEIC 11 22:24:23.7,1.8,38.46N:0.05-20.47E,0.06,h39km,4km,
Error ellipse: s-maj=7.3km s-min=6.3km az=204.0
GII 11 22:24:32.0,38.78N:21.28E,h150km,MM4.9/3

SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S
SERG Sergoula 1.27 88 P S

IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn
IDA Anofia 4.72 129 P Pn

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEF5, KEF5, KEF5, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VLO, SCTE, LIT, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SVIS, KARF, KARF, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PHL, DION, KYMI, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AQU, AQU, AQU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARG2, ARG2, ARG2, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HORT, PLG, CGL1, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MURB, MURB, MURB, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TARI, TARI, TARI, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VOIR, KALB, SECR, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SRS, SRS, SRS, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MLR, MLR, MLR, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DRME, DRME, DRME, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MVRN, APE, APE, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CFR Carcaliu, JURR Jurilovca, ARCA ARCALIA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like HNAT Natroun, BNI Bardonecchia, BNI Bardonecchia, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BUG Bochum-Univer, MARD Mardin, BCLA Clavier, etc.

| | | | | | | | | | |
|-------|-----------------|-------|------|------|------|----|----|------|------|
| X54A | Belton | 78.16 | 305 | P | P | 22 | 36 | 20.6 | +1.9 |
| KTH | Kantishna Hill | 78.18 | 356 | P | P | 22 | 36 | 19.8 | +1.5 |
| RND | Reindeer | 78.20 | 355 | P | Pmax | 22 | 36 | 18.3 | -0.1 |
| RND | Reindeer | 78.20 | 355 | P | Iamb | 22 | 36 | 19.1 | |
| Y55A | Saluda | 78.21 | 304 | P | P | 22 | 36 | 20.9 | +2.0 |
| MENT | Mentasta | 78.23 | 353 | P | P | 22 | 36 | 19.8 | +1.2 |
| TRF | Thorofare Moun | 78.24 | 356 | P | Iamb | 22 | 36 | 18.4 | -0.4 |
| BG3 | Lake Jocassee | 78.25 | 305 | P | P | 22 | 36 | 20.3 | +1.1 |
| WCI | Wyandotte Cave | 78.30 | 310 | P | P | 22 | 36 | 20.8 | +1.4 |
| WCI | Wyandotte Cave | 78.30 | 310 | P | Pmax | 22 | 36 | 19.9 | +0.5 |
| WCI | Wyandotte Cave | 78.30 | 310 | P | Iamb | 22 | 36 | 19.9 | +0.5 |
| O44A | Mansfield | 78.35 | 312 | P | P | 22 | 36 | 20.4 | +0.8 |
| TKL | Tuckaleechee C | 78.37 | 306 | P | Pmax | 22 | 36 | 20.9 | +1.1 |
| TKL | Tuckaleechee C | 78.37 | 306 | P | P | 22 | 36 | 20.9 | +1.1 |
| DHY | Denali Highway | 78.42 | 354 | P | Iamb | 22 | 36 | 20.5 | +0.8 |
| I37A | Lemond, Waseca | 78.53 | 318 | P | P | 22 | 36 | 21.9 | +1.3 |
| V51A | Loudon | 78.64 | 307 | P | Iamb | 22 | 36 | 22.9 | +1.6 |
| L40A | Anamosa | 78.66 | 315 | P | Iamb | 22 | 36 | 22.4 | +1.1 |
| F33A | 5 Mile Ranch, | 78.76 | 320 | P | P | 22 | 36 | 23.0 | +1.2 |
| PPLA | Purkeypile | 78.90 | 357 | P | Iamb | 22 | 36 | 23.2 | +0.8 |
| TTA | Tatalina | 79.00 | 358 | P | Pmax | 22 | 36 | 24.3 | +1.5 |
| TTA | Tatalina | 79.00 | 358 | P | P | 22 | 36 | 24.3 | +1.5 |
| OLIL | Olney | 79.06 | 311 | P | Iamb | 22 | 36 | 23.9 | +0.4 |
| U49A | Red Boiling Sp | 79.08 | 308 | P | Iamb | 22 | 36 | 25.2 | +1.5 |
| KS19 | Wonju Array Si | 79.19 | 51 | P | P | 22 | 36 | 26.7 | +2.5 |
| KSAR | Wonju Array Be | 79.24 | 51 | P | P | 22 | 36 | 23.9 | -0.6 |
| KSRS | Wonju Array Be | 79.25 | 51 | P | P | 22 | 36 | 23.9 | -0.7 |
| P43A | Skaggs, Pawnee | 79.30 | 312 | P | Iamb | 22 | 36 | 24.9 | +0.1 |
| N41A | Harden Midland | 79.36 | 314 | P | Iamb | 22 | 36 | 25.6 | +0.5 |
| HYT | Haines Junctio | 79.51 | 349 | P | P | 22 | 36 | 27.5 | +1.8 |
| GOGA | Godfrey | 79.58 | 304 | P | P | 22 | 36 | 27.8 | +1.4 |
| T47A | Sharon Grove | 79.59 | 309 | P | P | 22 | 36 | 27.0 | +0.5 |
| N25K | Chitina, Valde | 79.62 | 353 | P | P | 22 | 36 | 27.5 | +1.2 |
| W50A | Signal Mountai | 79.63 | 307 | P | Iamb | 22 | 36 | 28.5 | +1.7 |
| SCM | Sheep Creek Mo | 79.64 | 354 | P | Pmax | 22 | 36 | 28.7 | +2.3 |
| SCM | Sheep Creek Mo | 79.64 | 354 | P | Iamb | 22 | 36 | 28.7 | +2.3 |
| MCARA | McCarthy VS2 | 79.68 | 352 | P | Iamb | 22 | 36 | 27.4 | +1.0 |
| Y52A | Libburn | 79.68 | 305 | P | Iamb | 22 | 36 | 28.4 | +1.4 |
| CLTN | Cedars of Leba | 79.69 | 308 | P | Iamb | 22 | 36 | 28.5 | +1.5 |
| X51A | Calhoun | 79.74 | 306 | P | P | 22 | 36 | 27.7 | +0.4 |
| SML | Sawmill | 79.75 | 355 | P | Iamb | 22 | 36 | 28.5 | |
| SKT | Skwentna | 79.78 | 356 | P | Iamb | 22 | 36 | 27.0 | -0.1 |
| GHO | Glory Hole Cre | 79.83 | 355 | P | Iamb | 22 | 36 | 28.4 | +1.1 |
| PMR | Palmer | 80.02 | 355 | P | Pmax | 22 | 36 | 28.9 | +0.6 |
| PMR | Palmer | 80.02 | 355 | P | P | 22 | 36 | 28.9 | +0.6 |
| KNK | Knik Glacier | 80.15 | 355 | P | Iamb | 22 | 36 | 30.3 | +1.3 |
| V48A | Smith Brothers | 80.22 | 308 | P | Iamb | 22 | 36 | 31.2 | +1.3 |
| FPAL | Fort Pine | 80.24 | 306 | P | P | 22 | 36 | 30.4 | +0.3 |
| SUA | Susitna One | 80.25 | 356 | P | P | 22 | 36 | 30.2 | +0.5 |
| CRQM | Cirque | 80.30 | 352 | P | Iamb | 22 | 36 | 31.5 | +1.4 |
| E28A | Huff | 80.37 | 323 | P | P | 22 | 36 | 31.6 | +1.0 |
| TABL | Table Mountain | 80.38 | 351 | P | Iamb | 22 | 36 | 32.2 | +1.7 |
| ECSO | EROS Data Cent | 80.40 | 319 | P | P | 22 | 36 | 31.9 | +1.2 |
| S44A | Carbondale | 80.43 | 311 | P | Iamb | 22 | 36 | 31.2 | +0.3 |
| RC01 | Rabbit Creek A | 80.56 | 355 | P | P | 22 | 36 | 31.9 | +0.7 |
| WVT | Waverly | 80.59 | 309 | P | P | 22 | 36 | 33.1 | +1.2 |
| WVT | Waverly | 80.59 | 309 | P | Pmax | 22 | 36 | 32.6 | +0.7 |
| PVT | Waverly | 80.59 | 309 | P | P | 22 | 36 | 32.6 | +0.7 |
| WCA | Pinnacle | 80.60 | 350 | P | Iamb | 22 | 36 | 32.4 | +0.9 |
| N38A | Joess South For | 80.63 | 315 | P | Iamb | 22 | 36 | 32.4 | +0.4 |
| YSS | Yuzh-Sakhalins | 80.64 | 36cP | Pmax | Pmax | 22 | 36 | 31.7 | -0.2 |
| YSS | Yuzh-Sakhalins | 80.64 | 36cP | P | P | 22 | 36 | 32.5 | +0.6 |
| P40A | Paris | 80.83 | 314 | P | Iamb | 22 | 36 | 34.7 | +1.1 |
| F52A | Waverly Hall | 80.86 | 304 | P | Iamb | 22 | 36 | 34.9 | +1.5 |
| FVM | French Village | 80.93 | 312 | P | Pmax | 22 | 36 | 34.8 | +1.1 |
| FVM | French Village | 80.93 | 312 | P | Iamb | 22 | 36 | 34.8 | +1.1 |
| SUSD | Miller | 81.08 | 321 | P | P | 22 | 36 | 35.0 | +0.7 |
| SUSD | Miller | 81.08 | 321 | P | P | 22 | 36 | 35.2 | +0.8 |
| O22K | Cooper Landing | 81.16 | 355 | P | Iamb | 22 | 36 | 35.2 | +1.4 |
| X48A | Hartsele | 81.20 | 307 | P | P | 22 | 36 | 35.2 | 0.0 |
| RSO | Redoubt South | 81.35 | 357 | P | P | 22 | 36 | 36.6 | +0.8 |

| | | | | | | | | | |
|-------|-------------------|-------|-----|------|------|----|----|------|------|
| CCM | Cathedral Cave | 81.36 | 312 | P | P | 22 | 36 | 37.5 | +1.6 |
| CCM | Cathedral Cave | 81.36 | 312 | P | Pmax | 22 | 36 | 37.0 | +1.1 |
| CCM | Cathedral Cave | 81.36 | 312 | P | Iamb | 22 | 36 | 37.7 | +1.1 |
| PLAL | Pickwick Lake | 81.49 | 308 | P | P | 22 | 36 | 37.5 | +0.8 |
| L34A | Svensden Farm, | 81.52 | 318 | P | P | 22 | 36 | 38.3 | +1.1 |
| P38A | Dawn | 81.60 | 314 | Iamb | Iamb | 22 | 36 | 39.3 | |
| PETK | Petropavlovsk- | 81.65 | 24 | LR | LR | 23 | 16 | 45.2 | |
| PBMO | Poplar Bluff | 81.73 | 311 | P | Iamb | 22 | 36 | 39.3 | +1.4 |
| R40A | Maddies Station | 81.79 | 313 | P | Iamb | 22 | 36 | 39.6 | +1.4 |
| T42A | Van Buren | 81.96 | 311 | P | P | 22 | 36 | 40.4 | +1.3 |
| LRAL | Lakeview Retre | 82.09 | 306 | P | P | 22 | 36 | 41.3 | +1.4 |
| LRAL | Lakeview Retre | 82.09 | 306 | P | Iamb | 22 | 36 | 41.1 | +1.2 |
| 250A | Grady | 82.31 | 305 | P | Iamb | 22 | 36 | 42.7 | +1.7 |
| MGMO | Mountain Grove | 82.56 | 312 | P | Iamb | 22 | 36 | 43.4 | +1.0 |
| LCAR | Lake Charles | 82.64 | 311 | P | Iamb | 22 | 36 | 44.0 | +1.3 |
| ASAJ | Asashikawa | 82.67 | 38 | P | P | 22 | 36 | 42.8 | +0.1 |
| LAO | LASA Array | 82.80 | 326 | P | Iamb | 22 | 36 | 44.8 | +1.3 |
| S39A | Bolivar | 82.81 | 313 | P | Iamb | 22 | 36 | 44.9 | +1.3 |
| BGNE | Belgrade | 82.85 | 318 | P | P | 22 | 36 | 45.3 | +1.5 |
| BGNE | Belgrade | 82.85 | 318 | P | P | 22 | 36 | 44.8 | +1.1 |
| Y45A | Yeager Farm, C | 83.14 | 308 | P | P | 22 | 36 | 46.1 | +0.7 |
| EGMT | Eagleton | 83.24 | 329 | P | P | 22 | 36 | 47.1 | +1.3 |
| EGMT | Eagleton | 83.24 | 329 | P | P | 22 | 36 | 46.9 | +1.1 |
| BRAL | Brewton | 83.34 | 305 | P | P | 22 | 36 | 46.8 | +0.4 |
| U40A | Yellville | 83.45 | 312 | P | P | 22 | 36 | 48.0 | +1.1 |
| U40A | Yellville | 83.45 | 312 | P | Iamb | 22 | 36 | 48.1 | +1.1 |
| BDFB | Brasilia | 83.55 | 244 | P | P | 22 | 36 | 49.1 | +1.4 |
| KSU1 | Kansas State U | 83.67 | 316 | P | P | 22 | 36 | 48.8 | +0.8 |
| W41B | Gary Mavity, V | 83.90 | 311 | P | Iamb | 22 | 36 | 50.4 | +1.1 |
| KDAX | Kodiak Island | 84.02 | 356 | P | P | 22 | 36 | 49.9 | +0.5 |
| X40A | Basin Creek Pa | 84.72 | 310 | P | P | 22 | 36 | 55.2 | +1.8 |
| W39A | Magazine | 84.80 | 311 | P | P | 22 | 36 | 55.8 | +2.0 |
| GCMT | Greycliff | 84.98 | 328 | P | P | 22 | 36 | 55.6 | +0.9 |
| MIAR | Mount Ida | 85.13 | 311 | P | Pmax | 22 | 36 | 56.5 | +1.0 |
| MIAR | Mount Ida | 85.13 | 311 | P | Pmax | 22 | 36 | 56.5 | +1.0 |
| MIAR | Mount Ida | 85.13 | 311 | P | Iamb | 22 | 36 | 56.5 | +1.0 |
| T35A | Sooner Cattle | 85.17 | 314 | P | P | 22 | 36 | 57.4 | +1.8 |
| R32A | Long Quarter, | 85.24 | 317 | P | P | 22 | 36 | 57.7 | +1.4 |
| W41B | Wash Lodge | 85.34 | 327 | P | P | 22 | 36 | 58.1 | +1.8 |
| SDV | Santo Domingo | 85.39 | 278 | P | Iamb | 22 | 36 | 58.2 | +0.9 |
| TUL1 | Leonard | 85.47 | 313 | P | P | 22 | 36 | 59.1 | +2.0 |
| TUL1 | Leonard | 85.47 | 313 | P | P | 22 | 36 | 58.8 | +1.7 |
| KS20 | Mayfield South | 85.53 | 315 | P | P | 22 | 36 | 58.6 | +1.2 |
| Z41A | Richland Creek | 85.55 | 309 | P | P | 22 | 36 | 58.6 | +1.1 |
| CBKS | Cedar Bluff | 85.57 | 317 | P | Pmax | 22 | 36 | 58.9 | +2.1 |
| CBKS | Cedar Bluff | 85.57 | 317 | P | Pmax | 22 | 36 | 58.7 | +1.0 |
| CBKS | Cedar Bluff | 85.57 | 317 | P | P | 22 | 36 | 58.6 | +1.0 |
| KAN1 | Kan13 South Haven | 85.64 | 313 | P | P | 22 | 36 | 59.7 | +1.7 |
| KAN01 | Argonia South | 85.69 | 315 | P | P | 22 | 36 | 59.4 | +1.2 |
| YNE | Yellowstone No | 85.75 | 327 | P | P | 22 | 36 | 59.4 | +1.8 |
| KAN05 | Bluff City Nor | 85.79 | 315 | P | P | 22 | 36 | 59.1 | +1.3 |
| QUOK | Quay | 85.81 | 314 | P | P | 22 | 36 | 59.6 | +0.8 |
| NEW | Newport | 85.85 | 333 | P | Pmax | 22 | 36 | 59.4 | +0.6 |
| NEW | Newport | 85.85 | 333 | P | Pmax | 22 | 36 | 59.5 | +1.6 |
| NEW | Newport | 85.85 | 333 | P | Iamb | 22 | 36 | 59.5 | +1.6 |
| MSO | Missoula | 85.87 | 331 | P | P | 22 | 36 | 59.6 | +0.5 |
| MSO | Missoula | 85.87 | 331 | P | Iamb | 22 | 36 | 59.6 | +0.5 |
| MJAR | Matsushiro Arr | 85.89 | 46 | P | P | 22 | 36 | 59.2 | -0.1 |
| MJAR | Matsushiro Arr | 85.89 | 46 | P | P | 22 | 36 | 59.7 | +0.7 |
| KAN10 | Anthony SW Sta | 85.90 | 315 | P | P | 22 | 36 | 60.0 | +1.3 |
| BOZ | Bozeman (W) | 85.96 | 329 | P | Pmax | 22 | 36 | 60.7 | +1.1 |
| BOZ | Bozeman (W) | 85.96 | 329 | P | Pmax | 22 | 36 | 60.7 | +1.1 |
| BOZ | Bozeman (W) | 85.96 | 329 | P | Iamb | 22 | 36 | 60.7 | +1.1 |
| OK030 | Cody Creek RV | 86.02 | 314 | P | P | 22 | 36 | 61.7 | +1.9 |
| OK031 | S. Brethren Rn | 86.04 | 314 | P | P | 22 | 36 | 61.8 | +1.9 |
| LRLM | Limekiln Ridge | 86.11 | 329 | P | P | 22 | 36 | 61.8 | +1.3 |
| X37A | Clayton | 86.16 | 312 | Iamb | Iamb | 22 | 36 | 62.3 | +1.8 |
| LKWy | Lakeview | 86.28 | 327 | P | Pmax | 22 | 36 | 63.1 | +1.8 |
| LKWy | Lakeview | 86.28 | 327 | P | P | 22 | 36 | 63.1 | +1.8 |
| CROK | Carrier | 86.29 | 315 | P | P | 22 | 36 | 62.5 | +1.3 |
| YHH | Holmes Hill | 86.29 | 328 | P | P | 22 | 36 | 62.8 | +1.4 |
| YHL | Hebgen Lake | 86.38 | 328 | P | P | 22 | 36 | 63.2 | +1.4 |
| YMR | Madison River | 86.43 | 328 | P | P | 22 | 36 | 63.2 | +1.4 |
| YHB | Horse Butte | 86.46 | 328 | P | P | 22 | 36 | 63.2 | +1.9 |
| H17A | Grant Village | 86.49 | 327 | P | Iamb | 22 | 36 | 64.3 | +1.1 |
| H17A | Grant Village | 86.49 | 327 | P | Iamb | 22 | 36 | 64.3 | +1.1 |
| DLMT | Liberty Lake | 86.50 | 314 | P | P | 22 | 36 | 64.2 | +2.0 |
| DLMT | Dillon | 86.54 | 329 | P | Iamb | 22 | 36 | 63.8 | +1.3 |
| OK029 | Westminster Rd | 86.58 | 314 | P | P | 22 | 36 | 63.3 | +0.6 |
| PHWY | Pilot Hill | 86.60 | 322 | P | Iamb | 22 | 36 | 63.9 | +0.9 |
| W35A | Tecumseh | 86.63 | 313 | P | P | 22 | 36 | 63.7 | +1.0 |
| CO9A | Chrisman Ranch | 86.65 | 334 | P | Iamb | 22 | 36 | 64.7 | +1 |

11d 22h

Table with columns for station name, coordinates, and various status indicators. Includes stations like OSL Oslo, KONO Kongsberg, BLSS Blasio, HOMB Homborsund, etc.

2014 DEC

Table with columns for station name, coordinates, and various status indicators. Includes stations like LEF Letka, DRGR Drarg, ARR Arges, VYHS Vyhne, etc.

562

Table with columns for station name, coordinates, and various status indicators. Includes stations like DBIC Dibockro, DBIC Dimbokro, DBIC Dimbokro, etc.

IDC 11 22:29:10.8, 1.5, 20:97Sx178:93W, h603km, 16km, m4.1/2.1, mb 1.4-2.25, mb 1mx4.2/0.44, mbtms0.025, Error Urewera: s-maj=15.2km, s-min=12.7km, az=92.0

NEIC 11 22:29:10.5, 1.5, 20:98S:010:178:82W:0.10, h608km, 7km, mb4.9/86, Error ellipse: s-maj=16.1km s-min=11.2km, az=143.0

ISC 11 22:29:10.2, 0.3, 20:99S:006:178:86W:0.07, h600km, n209, of85/201, mb4.8/60, 21C-10D, Fiji Islands region

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time Res, and ISC. Includes stations like MSVF Nonavau, RAO Raoul Island, RAO RAO, etc.

Table of astronomical observations for Dec 2015, including station names (e.g., PSAD1, VSA1), station IDs, coordinates, and observation times.

Table of astronomical observations for Dec 2015, including station names (e.g., JURR, BURAR), station IDs, coordinates, and observation times.

Table of astronomical observations for Dec 2015, including station names (e.g., DRO, DRO), station IDs, coordinates, and observation times.

NEIC 11 22:45:55.8z, 2.0'83S; 0.10x178.9W; 0.1, h624km, 6gkm, mb4.4/33, Error ellipse: s-maj=18.5km s-min=13.8km

IDC 11 22:45:57.0z, 1.1'20'89S; 179.01W, h614km, 15km, mb2.9/8, mb2.3/10, mb1.9x0.28, mbmp3.8/10, Error ellipse: s-maj=22.4km s-min=14.9km az=159.0

ISC 11 22:45:54.0z, 0.5'20'93S; 0.09x178.89W, 0.09, h600km, n50, c147/49, mb4.4/21, Fiji Islands region

THE 11 22:44:04.3z, 38'39N-20'51E, h16km, ML3.0/5, Error ellipse: s-maj=1.4km s-min=0.6km az=268.0, Greece

ATH 11 22:44:03.1z, 38.37N-20.53E, h24km, 1km, ML3.1/7, Error ellipse: s-maj=1.4km s-min=0.6km az=268.0, Greece

Table of astronomical observations for Dec 2015, including station names (e.g., Code, Station Name), station IDs, coordinates, and observation times.

Code Station Name A Z Phase ID Time Res

Table of astronomical observations for Dec 2015, including station names (e.g., MSFV, MSFV), station IDs, coordinates, and observation times.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kawauchi, Matsushiro Arr, and various Warrungunga and ARU stations.

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
WRA Warrungunga Arr 24.70 240 P Pn 00 05 09.4 -0.9

ASAR Alice Springs 26.75 233 P P 00 05 29.6 +0.8
STKA Stephens Creek 27.26 110 P P 00 05 33.4 +0.1

JNU Nakatsue 48.39 330 LR LR 00 27 39.5
PSI Prapraz 50.25 278 LR LR 00 36 42.2

IDC 11 23:59:48.4 ± 1.9, 60.403:26:57W, h0km, mb3.8/1,
mb1 3.9/3, mb1mx3.6/36, mbtmp3.7/3, MS4.0/2, Ms1 4.0/2,

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
VNA1 Neumayer-Stat 12.58 152 P Pn 00 02 48.5 +0.2

VNA3 Neumayer Olymp 12.71 155 P Pn 00 02 50.0 -0.1
VNA2 Neumayer-Watz 12.98 152 P Pn 00 02 53.5 -0.3

TORD Torodi Arr Be 76.76 28 P P 00 11 40.7 -0.3
SONM Songoing Array 150.31 94 PKPbc PKPbc 00 19 41.7 +0.9

ILAR Eielson Array 153.21 305 PKPbc PKPbc 00 19 45.6 -0.3

NEIC 12:00:00:53.0 ± 2.5, 56°59'S:01°26'3W:0.2, h35km, 2km,
mb4.7/20, Error ellipse: s-maj=25.9km s-min=3.3km

IDC 12:00:00:57.3 ± 7.9, 56°82'S:25°51'W, h87km, 71km, mb3.9/4,
mb1 4.0/5, mb1mx3.6/25, mbtmp4.1/5, ML3.9/1, Error

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like South Pole Qui, Villa Florida, and various Warrungunga and ARU stations.

IDC 12:00:09:42.9 ± 0.7, 32°15'N:141°85'E, h0km, mb4.0/18,
mb1 4.1/21, mb1mx4.0/58, mbtmp4.0/21, ML3.8/3, MS2.8/2,

JMA 12:00:09:47.5 ± 1.8, 32°21'N:0°07'141°94'E:0.9, h35km, 7km,
NEIC 12:00:09:47.5 ± 1.8, 32°21'N:0°07'141°94'E:0.9, h35km, 7km,

IDC 12:00:09:47.1 ± 0.5, 32°21'N:0°07'141°94'E:0.9, h35km, n82,
e:134/87, mb4.4/30, Southeast of Honshu

JAOM Agoshimamukai 1.91 278 Op Pn 00 10 16.4 -0.8
JHJC Hachiojimakas 2.05 296 P Pn 00 10 17.7 -1.4

JHJ Mitsune 2.05 297 P Pn 00 10 17.7 -1.4
JHJ Mitsune 2.05 297 P Pn 00 10 17.8 -0.9

JHJ Hachijo jima 2 208 297 Pn 00 10 17.8 -0.9
JHJ 61nm,0.3s,baz=74,slow=24,SNR=13.1

JHJ 112nm,0.3s,baz=262,slow=22,SNR=15.0
BSO1 Boso 1 2.58 341 P Pn 00 10 25.3 -0.7

BSO3 Boso 3 2.87 335 P Pn 00 10 29.2 -1.0
JOD2 Odawara 2 3.90 322 P Pn 00 10 43.1 -1.4

JSG Sagara 4.03 309 Pn Pn 00 10 44.6 -1.7
JRY Ryogami jima 4.59 327 P Pn 00 10 53.4 -0.6

CBJ Chichijima 5.10 178 Pn Pn 00 10 55.5 -3.2
JCY 33nm,0.3s,baz=298,slow=24,SNR=7.3

JGF Kuroka 5.13 313 Pn Pn 00 11 02.1 +0.6
INU Inuyama 5.20 308 Pn Pn 00 11 02.9 +0.5

MJAR Matsushiro Arr 5.34 325 Pn Pn 00 11 04.3 0.0
MJAR Matsushiro Arr 5.34 325 Pn Pn 00 11 05.1 +0.7

MAT Matsushiro 5.34 325 P S S 00 11 04.3 -0.1
MAT Matsushiro 5.34 325 P S S 00 12 01.1 -3.6

JFT Otama 5.47 346 P Pn 00 11 05.2 -1.0
JFT Otama 5.47 346 P S S 00 12 05.3 -2.6

JMM Marumori 5.73 350 P S S 00 11 07.9 -1.8
JMM Marumori 5.73 350 P S S 00 12 09.0 -5.3

JWT Wachi 6.29 301 Pn Pn 00 11 17.8 +0.3
JSD Sado 6.57 333 Pn Pn 00 11 20.1 -1.1

JMN Monobe 6.89 295 Pn Pn 00 11 26.9 -0.1
JHS Saiji 7.92 293 Pn Pn 00 11 40.0 +0.3

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Karatay Array, Karatay Array, and various ARU and YKA stations.

JMA 12:00:26:46.9 ± 0.3, 43°91'N:147°07'E, h103km, 4km, M3.7,
SKHL 12:00:26:46.1 ± 0.2, 43°89'N:147°42'E, h75km, 5km, mb4.5/3

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
YUK Yuzh-Kuril sk 0.93 279 eP Pn 00 27 06.0 -0.3

YUK 80nm,0.2s A A 00 27 22.4
YUK 1µm,0.4s A A 00 27 22.4

GRPR 0.99 276 eP Pn 00 27 06.4 -0.5
GRPR 40nm,0.1s A A 00 27 21.8 -0.3

GRPR 1µm,0.4s A A 00 27 22.8
GRPR 940nm,0.4s A A 00 27 22.8

NEM2 Nemuro 2 1.15 242 P Pn 00 27 08.9 +0.2
NEM2 Nemuro 2 1.15 242 P S S 00 27 25.4 +0.2

NMR Nemuro-Hokkai 1.16 243 eP Pn 00 27 08.9 +0.1
NMR Nemuro-Hokkai 1.16 243 eS Pn 00 27 25.4 +0.1

GLVR Golovnino 1.18 263 eP Pn 00 27 09.1 0.0
GLVR 270nm,0.4s A A 00 27 26.2 +0.3

GLVR 1µm,0.5s A A 00 27 28.4
GLVR 1µm,0.5s A A 00 27 28.4

JRA Rausu 1.46 272 P Pn 00 27 12.3 0.0
JRA Rausu 1.46 272 eS Pn 00 27 32.4 +0.6

JNSB Nemuroshibetsu 1.56 266 P Pn 00 27 13.9 +0.4
JKHN Kishirohomanak 1.66 241 P Pn 00 27 15.2 +0.4

JJK Nakashi 1.78 261 eS Pn 00 27 36.5 +0.3
JAK Akakeshi 2.00 244 P Pn 00 27 19.2 0.0

JAK 2.33 273 P S S 00 27 43.7 -0.2
JTKR Abashiri-Toko 2.33 273 P Pn 00 27 23.3 -0.3

JAR Ashorobuto 2.52 257 P Pn 00 27 26.7 +0.6
JOB Onbets 2.61 249 P Pn 00 27 27.5 +0.3

JCH Churui 3.04 246 P Pn 00 27 32.9 -0.1
JCH Churui 3.04 246 eS Pn 00 28 07.7 -1.0

JKK2 Kamakawa 2 3.17 271 P Pn 00 27 34.9 +0.1
JNBK Urakawa-nobuka 3.60 245 P Pn 00 27 40.0 -0.5

JKW2 Keihoku 4.00 292 P Pn 00 27 46.2 +0.4

IDC 12:00:38:15.1 ± 0.7, 64°62'N:17°56'W, h0km, mb3.4/10,
mb1 3.8/13, mb1mx3.6/48, mbtmp3.6/13, ML2.8/2, MS1.3/6/2,

REY 12:00:38:15.0 ± 0.6, 64°62'N:17°56'W, h0km, mb3.4/10,
NEIC 12:00:38:15.0 ± 0.6, 64°62'N:17°56'W:0.1, h8km, 4km,

IDC 12:00:38:15.0 ± 0.6, 64°62'N:17°56'W:0.1, h8km, 4km,
mb4.8/29, Error ellipse: s-maj=13.7km s-min=8.5km

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC
IVON Vonarskard 0.10 261 Op Pn 00 38 17.4 -0.3

IVON 0.10 261 S Sg 00 38 19.8 +0.6

IDYN Dyngjuhuks 0.13 36 P Pn 00 38 18.1 -0.2

IDYH 0.21 52 P Sg 00 38 20.9 +0.8

IRUR Urdarhals 0.21 52 P Sg 00 38 19.5 -0.3

IDJK Dyngjujokull 0.23 145 P Pn 00 38 19.2 -0.8

IHAM Hamarinn 0.24 210 P Pn 00 38 19.4 -0.9

IKVE Kverfjoll 0.37 91 P Pn 00 38 21.8 -0.9

ISKR Skrokkalda 0.39 251 P Pn 00 38 22.3 -0.7

IHUS Husbondi 0.40 187 P Pn 00 38 22.2 -1.1

IHUS 0.40 187 S Sg 00 38 27.9 -0.5

THOR Thorvaldsharok 0.44 56 P Pn 00 38 23.2 -0.9

THOR 0.44 56 S Sg 00 38 29.7 -0.2

IJOK Jokulheimar 0.48 219 S Sg 00 38 29.4 -1.6

IJOK 0.48 219 P Pn 00 38 23.5 -1.2

IKRE Kreppuhraun 0.51 79 P Pn 00 38 23.8 -1.4

IKRE 0.51 79 S Sg 00 38 31.4 -0.5

IASK 0.53 46 P Pn 00 38 24.6 -1.1

IASK 0.53 46 S Sg 00 38 31.8 -0.8

IMKO 0.59 60 P Pn 00 38 25.6 -1.2

IKSK Karasker 0.70 138 P Pn 00 38 26.9 -2.1

IKAT Katfell 0.75 185 P Pn 00 38 28.0 -1.8

IVAT Vatnfall 0.78 231 P Pn 00 38 28.9 -1.6

Table with columns: DALK, Dally, 3.36, 19, eP, Pn, 01 04 51.7, +2.5, etc.

Table with columns: DHY, Denali Highway, 17.23, 42, P, P, 02 42 10.4, +0.3, etc.

Table with columns: CLL, comp=Z,2441nm,1.0s, i, Sg, Sg, 02 51 03.1, -0.3, etc.

JMA 12 01:41:23.0,0.6,31.717N:142:72E,h50km,M3.8,

Southeast of Honshu

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

Table with columns: YKA, Yellowknife A, 31.92, 49, P, P, 02 44 29.3, -1.0, etc.

Table with columns: VRAC, Vranov, 2.31, 174, P, P, 02 50 38.0, +0.2, etc.

IDC 12 01:55:14.9,2.5,19.17S:177:72W,h0km,mb3.4/4,

mb1 3.8/4,mb1mx3.6/21,mbtmp3.4/4,Error ellipse:

s-maj=144.5km s-min=31.9km az=153.0, Fiji Islands region

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

IDC 12 02:45:47.8,5.8,36.42N:70:50E,h187km,53km,mb3.3/3,

mb1 3.3/6,mb1mx2.9/71,mbtmp3.8/6,Error ellipse:

s-maj=65.0km s-min=42.7km az=135.0, ISC 12 02:45:50.2,3,36.6N,02:70:4E,0:2,h204km,n14,

o59915, Hindu Kush region

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

Table with columns: KRUC, Moravsky, 2.55, 177, ePn, Pn, 02 50 41.4, +0.2, etc.

Table with columns: TANN, Tanenbergstah, 2.65, 245, ePn, Pn, 02 50 42.9, +0.5, etc.

JMA 12 02:21:32.9,0.4,36.102N:137:64E,h229km,3km,M3.2,

IDC 12 02:21:32.7,0.6,36.105N:137:50E,h226km,1.9km,mb3.1/6,

mb1 3.3/7,mb1mx3.0/32,mbtmp3.7/7,Error ellipse:

s-maj=80.2km s-min=11.6km az=66.0, ISC 12 02:21:32.8,0.8,36.11N,0:09:137.6E,0:11,h228km,7km,

n15,o551/21,mb3.3/6,Eastern Honshu

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

Table with columns: CHMS, Chumysh, 7.20, 26, P, Pn, 02 47 31.3, +0.8, etc.

Table with columns: NEUB, Neuenburg, 2.80, 264, eSg, Sg, 02 51 29.1, +0.7, etc.

Table with columns: JYTA, Yamagatanai, 0.85, 233, P, Pn, 02 22 04.6, 0.0, etc.

Table with columns: USP, Oshpenovka, 7.35, 24, P, Pn, 02 47 35.3, +0.1, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYR, Ryogami san, 1.09, 127, P, Pn, 02 22 05.9, -0.1, etc.

Table with columns: TKM2, Tokma, 7.46, 31, P, Pn, 02 47 37.2, +0.4, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, Odawara 2, 1.50, 124, P, Pn, 02 22 09.1, +0.1, etc.

Table with columns: MKAR, Makanchi Array, 13.48, 37, P, Pn, 02 48 55.0, +1.2, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, Hachioji jima 2, 1.56, 148, P, Pn, 02 22 30.6, +0.9, etc.

Table with columns: AKTO, Aktyubinsk, 16.45, 331, P, P, 02 49 29.2, +0.4, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, Zalesovo Beam, 40.27, 313, P, P, 02 28 47.7, +0.3, etc.

Table with columns: ZALV, Zalesovo Beam, 20.01, 25, P, P, 02 50 06.6, -0.9, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, Kurbus, 1.29, 186, 0.0, Pn, 02 29 18.6, 0.0, etc.

Table with columns: ARCES, ARCES Array B, 40.86, 338, P, P, 02 53 13.4, +1.5, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, Warramunga Arr, 55.83, 184, P, Pn, 02 30 45.8, -0.8, etc.

Table with columns: TORO, Torodi Ar. Be, 65.25, 268, P, P, 02 56 09.2, -1.4, etc.

Table with columns: JAVC, Velka Javorina, 2.90, 160, ePn, Pn, 02 50 46.7, +0.7, etc.

Table with columns: JYJ, ASAR Alice Springs, 59.55, 184, P, P, 02 31 12.4, -0.1, etc.

Table with columns: IPEC, 12 02:49:58.6,0.3,51.61N:16:27E,h0km,ML3.4/3,Error ellipse:

s-maj=32.6km s-min=7.7km az=164.0, LDG 12 02:49:59.1,0.2,51.53N:16:24E,h1km,Md3.7/3,M3.6/11,

Error ellipse: s-maj=5.6km s-min=3.0km az=12.0, Suspected Mining induced,

BGR 12 02:50:00.5,0.4,51.54N:16:18E,h1km,ML3.8/9,Error ellipse:

s-maj=4.4km s-min=2.2km az=17.0, Three aftershock events at 03:06 UT, 03:20UT and 05:08 UT

PRU 12 02:50:00.6,0.0,51.52N:16:13E,h0km,Felt In Harachov

IDC 12 02:50:00.4,0.5,51.51N:16:10E,h0km,mb3.5/7,

mb1 3.6/15,mb1mx3.5/47,mbtmp3.5/15,ML3.0/7,MS3.7/1,

M3.1 3.7/1,mb1mx2.5/43,Error ellipse: s-maj=9.5km s-min=5.3km az=102.0,

DNK 12 02:50:01.3,3.8,51.56N:15:93E,h15km,166km,ML3.1

UPP 12 02:50:05.4,2.9,51.94N:15:55E,h0km,ML2.7,Suspected explosion

ISC 12 02:49:58.5,0.5,51.60N:0:03:16.20E,0:02,h0km,n127,

o192/213,mb3.3/7,8C-14D,Poland

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

Table with columns: DPC, Dobruska-Polom, 1.26, 176, ePn, Pn, 02 50 22.4, -0.2, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KOSE, Korovin South, 0.52, 248, Pn, 02 38 40.4, -0.6, etc.

Table with columns: PVCC, Panska Ves, 1.49, 224, ePn, Pn, 02 50 26.5, 0.0, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: GSTR, Great Sitkin T, 1.77, 257, Pn, 02 38 51.9, -0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.5, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: ADAG, Mount Adagadak, 2.12, 256, Pn, 02 38 56.2, +0.2, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, -0.3, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: ADK, Adak, 2.20, 254, Pn, 02 38 56.3, -0.7, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIMD, Kanaga Island, 2.56, 254, Pn, 02 39 00.5, 0.0, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: KIKV, Kanaga Island, 2.49, 256, Pn, 02 39 00.6, +0.1, etc.

Table with columns: BRG, Berggiesshubel, 1.60, 244, ePn, Pn, 02 50 27.6, +0.1, etc.

Table with columns: MODS, Modra-Piesok, 3.31, 167, ePn, Pn, 02 50 52.0, +0.5, etc.

Table with columns: DMINI, Dmanisi, 2.06 318 P, Pb, 03 27 11.5 +0.4, etc.

IDC 12 03:29:56.6±2.0, 31.77N:50.47E, h0km, mb3.6/9, mb1 3.7/13, mb1mx3.5/48, mbtmp3.6/13, MSJ.5/4, MS3.1/2, Ms1 3.1/2, ms1mx2.6/41, Error ellipse: s-maj=53.8km s-min=19.7km az=164.0

TEH 12 03:29:58.0, 32.03N:50.80E, h8km, ML3.6, THR 12 03:30:03.1-0.3, 32.06N:50.53E, h44km, km3, ML3.5, OMAN 12 03:30:05.8-15.0, 31.84N:51.06E, h73km, mb4.9/8, Error ellipse: s-maj=93.9km s-min=36.9km az=243.0

ISC 12 03:29:58.0-5.0, 31.91N:03.50W:0.03, h10km, n70, az=169/179, mb3.5/9, 6C-4D, Northern and central Iran

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

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: SHGR, Shooshtar-Gavs, 1.64 277 ePg, Pg, 03 30 29.9 0.0, etc.

Table with columns: MTO2, Curacav, 17.96 71, Pn, 03 38 02.7 -1.6, etc.

Table with columns: ZON, comp=Z.56nm, 1.5s, 20.63 70 P, P, 03 38 50.0 +0.8, etc.

Table with columns: CPUP, Villa Florida, 31.76 73 LR, LR, 03 51 44.7, etc.

Table with columns: BDFB, Brasilia, 45.24 69 LR, LR, 04 00 35.3, etc.

Table with columns: SNA, Sanae, 51.26 156 P, P, 03 42 58.5 +0.4, etc.

Table with columns: SJIJ, Sorong, 5.32 1 Pn, Pn, 03 42 15.4 -0.1, etc.

Table with columns: WRA, Warrungarra Arr, 13.97 168 Pn, Pn, 03 44 12.8 -1.3, etc.

Table with columns: ASAR, Alice Springs, 62.24 188 P, P, 04 18 07.7 -0.2, etc.

Table with columns: IDC 12 04:07:52.2 ± 1.7, 38.145N:141.187E, h57km, 15km, mb3.8/17, mb1 4.0/22, mb1mx3.9/34, mbtmp4.1/22, MS3.3/6, Ms1 3.3/6, ms1mx3.0/38, Error ellipse: s-maj=16.1km s-min=9.2km az=110.0

Table with columns: NEIC 12 04:07:53.0 ± 1.4, 38.146N:141.182E, h62km, 7km, mb4.3/14, Error ellipse: s-maj=10.0km s-min=7.2km az=86.0

Table with columns: JMA 12 04:07:52.4, 38.47N:141.185E, h54km, 1km, M4.2, JMA Feil II J1, NIED 12 04:07:52.5, 38.47N:141.185E, h54km, MW4.2, Moment Tensor Solution, s3 Moment tensor, Scale: 10^19Nm

Table with columns: ISC 12 04:07:51.8 ± 1.0, 38.144N:141.191E, h51km, 7km, n81, e18/128, mb4.1/20, MS3.4/3, Near east coast of eastern Honshu

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

Table with columns: JIKH, Ishinomakikobu, 0.37 249 P, Pn, 04 08 02.3 +0.7, etc.

Table with columns: MJAR, Marumori, 1.05 237 P, Pn, 04 08 23.4 -0.4, etc.

Table with columns: MAJO, Matsushiro, 3.50 238 Pn, Pn, 04 08 46.1 +2.4, etc.

Table with columns: KSRK, Korea Array, 11.09 269 Pn, Pn, 04 10 28.7 +1.1, etc.

Table with columns: KSRK, Korea Array, 11.09 269 Pn, Pn, 04 10 28.7 +1.1, etc.

Table with columns: KSRK, Korea Array, 11.09 269 Pn, Pn, 04 10 28.7 +1.1, etc.

Table with columns: H1S1, WAKE ISLAND Hy, 29.33 126 T, T, 04 44 55.3, etc.

Table with columns: H1S2, WAKE ISLAND Hy, 29.35 126 T, T, 04 45 00.2, etc.

Table with columns: ZALV, Zalesovo Array, 41.27 311 P, P, 04 15 30.8 -1.0, etc.

Table with columns: ZALV, Zalesovo Array, 41.27 311 P, P, 04 15 31.1 -0.6, etc.

Table with columns: MK31, Makanchi Array, 43.72 301 P, P, 04 15 51.2 -0.5, etc.

Table with columns: MKAR, Makanchi Array, 43.72 301 P, P, 04 15 50.6 -1.1, etc.

Table with columns: KURK, Kurchatov, 45.38 307 P, P, 04 16 04.9 0.0, etc.

Table with columns: COLA, College, 47.68 33 P, P, 04 16 23.7 +1.0, etc.

Table with columns: ILAR, Eielson Array, 48.10 33 P, P, 04 16 25.8 +0.1, etc.

Table with columns: MENT, Mentasta, 49.65 35 P, P, 04 16 38.0 0.0, etc.

Table with columns: BCAR, Bear Creek A, 50.51 36 P, P, 04 16 44.3 -0.2, etc.

Table with columns: KKAR, Kararay Array, 52.77 299 P, P, 04 17 01.1 -0.4, etc.

Table with columns: INK, Inuvik, 52.95 28 P, P, 04 17 03.2 +0.7, etc.

Table with columns: NLR, Nilore, 54.55 288 P, P, 04 17 14.7 -0.1, etc.

Table with columns: CHL, Chuyangarr, 55.42 295 P, P, 04 17 20.9 +1.1, etc.

Table with columns: ABKAR, Akbulak Array, 57.34 310 P, P, 04 17 34.0 -0.3, etc.

Table with columns: WRA, Warrungarra Arr, 58.51 188 P, P, 04 17 42.8 0.0, etc.

Table with columns: WRA, Warrungarra Arr, 58.51 188 P, P, 04 17 42.8 0.0, etc.

Table with columns: WRA, Warrungarra Arr, 58.51 188 P, P, 04 17 42.8 0.0, etc.

Table with columns: WRA, Warrungarra Arr, 58.51 188 P, P, 04 17 42.8 0.0, etc.

Table with columns: WRA, Warrungarra Arr, 58.51 188 P, P, 04 17 42.8 0.0, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EUNU, KLMR, KWP, PSZ, etc.

12d 05:55:01.9-2.0, 13.769N-91.47W, h0km, mb3.9/5, mb1 4.1/8, mb1mx3.8/46, mbtmp3.9/8, ML3.7/3, MS3.5/3, Ms1 3.5/3, ms1mx2.9/39, Error ellipse: s-maj=5.8, 2km s-min=20.9km az=36.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RTAL, FUG, POG, NUBS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like JTS, TEIG, S4GA, TIGA, etc.

12d 05:05:07.0-5.5, 18Sx128.42W, h0km, mb4.6/17, mb1 4.7/17, mb1mx4.5/31, mbtmp4.6/17, MS4.5/16, Ms1 4.5/16, ms1mx4.4/22, Error ellipse: s-maj=20.4km s-min=12.7km az=154.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PTCN, PMSA, RKT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RPZ, LBZ, THZ, WHZ, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WILB Vilhena, PARB Paraituba, BB19B Bebedouro, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM Songino Array, SONM Songino Array, RAYN Ar Rayn, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GHNB Nanoose, GHNB Nanoose, GHNB Nanoose, etc.

NEIC 12 06:08:09.3, 48.87N, 129.30W, h3km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr=0.21; Mw=0.12; Mw02: Mw=1.30; Mw03: Mw=0.00; Fault plane solution: M1: 4.00000*10^16 Np1-s=8.00000*10^16 Np2-s=182.00000*10^16 Np3-s=173.00000*10^16 N. Principal axes: T: 1.2246, P: 1.1700000*10^16 N, N: 0.2568, P: 1.1700000*10^16 N, Azm160.00000*10^16 N, Azm160.00000*10^16 N, Azm160.00000*10^16 N.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KEMF NEPTUNE Canada, KEMF NEPTUNE Canada, etc.

Table with columns: NEW, comp-Z, station name, elevation, frequency, mode, status, and time. Includes stations like Newport, Red Mountain, Bull Mountain, etc.

Table with columns: EPL0, EPL0, B35A, SOLO, F35A, ATKO, ATKO, MSTX, SPMN, WMOK, TXAR, JCT, TULEG, V53A, R55A, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, ZALV, HHC, HHC, HHC, WMO, WMO, MLR, etc. Includes various experimental and standard stations.

Table with columns: Code, Station Name, elevation, frequency, mode, status, and time. Includes stations like CAVE, RAVA, NDIM, SERM, MODE, FIU, OPPE, ZCCA, ASAR, MKAR, etc.

| | | | | | |
|------|-----------------------|-----------------|-----------|------------------------|--|
| SALO | comp=N,3505µm,0.8s | AML | AML | | |
| LMD | comp=N,8070µm,0.6s | eP | Pn | | |
| LMD | Lutirano | 0.89 152 | Pb | 07 01 43.4 +0.2 | |
| LMD | Lutirano | 0.89 152 | P | 07 01 42.6 +0.3 | |
| LMD | comp=N,1635µm,1.1s | AML | AML | | |
| VLC | comp=E,3475µm,0.4s | AML | AML | | |
| VLC | Villacollemand | 0.89 218 | P | 07 01 42.6 +0.3 | |
| VLC | comp=N,1196µm,1.2s | AML | AML | | |
| VLC | comp=E,1610µm,0.8s | AML | AML | | |
| VLC | comp=E,1580µm,0.8s | AML | AML | | |
| VLC | comp=N,1197µm,1.2s | AML | AML | | |
| VLC | comp=N,1130µm,1.2s | AML | AML | | |
| BDI | comp=E,1615µm,0.8s | AML | AML | | |
| BDI | Bagni Di Lucca | 0.89 206 | P | | |
| BDI | comp=N,1390µm,1.5s | AML | AML | | |
| PTF | comp=E,2255µm,0.4s | AML | AML | | |
| CARD | Prato | 0.91 183 | Pb | 07 01 43.3 +0.7 | |
| CARD | Cardoso | 0.96 210 | P | 07 01 43.9 +0.2 | |
| CARD | comp=N,3135µm,0.4s | AML | AML | | |
| CARD | comp=E,1735µm,0.5s | AML | AML | | |
| CARD | comp=N,3130µm,0.4s | AML | AML | | |
| MAGA | Magasa | 0.98 339 | P | 07 01 43.8 -0.3 | |
| MAGA | comp=E,8670µm,0.4s | AML | AML | | |
| MAGA | comp=N,7790µm,0.6s | AML | AML | | |
| EQUI | Equi | 0.99 226 | P | 07 01 44.2 -0.1 | |
| EQUI | comp=E,810µm,0.5s | AML | AML | | |
| EQUI | comp=N,1015µm,0.5s | AML | AML | | |
| MAIM | Mastiano | 1.06 206 | P | 07 01 45.8 +0.7 | |
| MAIM | comp=E,1370µm,0.6s | AML | AML | | |
| MAIM | comp=N,1580µm,0.5s | AML | AML | | |
| CTL8 | Castelleone | 1.06 293 | P | 07 01 46.7 +1.2 | |
| CTL8 | comp=N,3730µm,0.6s | AML | AML | | |
| CTL8 | comp=E,696µm,0.4s | AML | AML | | |
| CTL8 | comp=N,900µm,0.6s | AML | AML | | |
| CTL8 | comp=N,3055µm,0.7s | AML | AML | | |
| RUF1 | Rufina | 1.06 165 | P | 07 01 46.5 +1.0 | |
| RUF1 | comp=E,480µm,0.5s | AML | AML | | |
| RUF1 | comp=N,575µm,0.8s | AML | AML | | |
| RUF1 | comp=E,478µm,0.5s | AML | AML | | |
| RUF1 | comp=N,567µm,0.8s | AML | AML | | |
| CRMI | Carmignano | 1.08 186 | P | 07 01 46.0 +0.4 | |
| CRMI | comp=E,448µm,1.0s | AML | AML | | |
| CRMI | comp=N,415µm,0.4s | AML | AML | | |
| CRMI | comp=E,447µm,1.0s | AML | AML | | |
| CRMI | comp=N,169µm,0.4s | AML | AML | | |
| CRMI | comp=E,167µm,1.0s | AML | AML | | |
| CRMI | comp=N,414µm,0.4s | AML | AML | | |
| SFI | Santa Sofia | 1.09 152 | P | 07 01 46.4 +0.5 | |
| SFI | comp=N,2020µm,0.5s | AML | AML | | |
| SFI | comp=E,1275µm,0.5s | AML | AML | | |
| SFI | comp=E,1225µm,0.6s | AML | AML | | |
| SFI | comp=N,1835µm,0.7s | AML | AML | | |
| ASQU | Asqua | 1.17 156 | P | 07 01 48.0 +1.0 | |
| ASQU | comp=E,724µm,0.7s | AML | AML | | |
| ASQU | comp=N,947µm,0.5s | AML | AML | | |
| BOB | Bobbio (Coli) | 1.21 266 | P | 07 01 48.7 +0.3 | |
| BOB | comp=E,1092µm,0.9s | AML | AML | | |
| BOB | comp=E,1090µm,0.9s | AML | AML | | |
| BOB | comp=E,1075µm,0.8s | AML | AML | | |
| BOB | comp=N,1180µm,1.0s | AML | AML | | |
| BOB | comp=N,1205µm,1.0s | AML | AML | | |
| PII | Pisa | 1.22 201 | P | 07 01 48.2 -0.5 | |
| PII | comp=E,1570µm,1.3s | AML | AML | | |
| PLMA | Palmaria, Port | 1.23 229 | P | 07 01 48.5 +0.7 | |
| PLMA | comp=N,1155µm,0.5s | AML | AML | | |
| PLMA | comp=E,1300µm,0.4s | AML | AML | | |
| CTI | Castel Tesino | 1.24 17 | P | 07 01 48.4 -0.7 | |
| CTI | comp=N,1215µm,1.4s | AML | AML | | |
| CTI | comp=E,1560µm,0.6s | AML | AML | | |
| MABI | Malga Bissina | 1.27 340 | P | 07 01 49.0 -0.6 | |
| MABI | comp=N,372µm,1.3s | AML | AML | | |
| MABI | comp=E,574µm,0.7s | AML | AML | | |
| MSSA | Maissana | 1.28 245 | P | 07 01 49.5 +0.8 | |
| MSSA | comp=E,958µm,0.7s | AML | AML | | |
| MSSA | comp=N,1395µm,1.0s | AML | AML | | |
| MSSA | comp=E,958µm,0.7s | AML | AML | | |
| GORR | Gorreto | 1.34 260 | P | 07 01 50.5 +1.1 | |
| GORR | comp=E,1116µm,0.3s | AML | AML | | |
| GORR | comp=N,958µm,0.7s | AML | AML | | |
| OSSC | Osservatorio P | 1.34 177 | P | 07 01 50.2 +0.8 | |
| OSSC | comp=E,436µm,0.9s | AML | AML | | |
| OSSC | comp=N,396µm,0.9s | AML | AML | | |
| OSSC | comp=N,396µm,0.9s | AML | AML | | |
| OSSC | comp=E,435µm,0.9s | AML | AML | | |
| OSSC | comp=N,425µm,1.3s | AML | AML | | |
| OSSC | comp=E,365µm,0.9s | AML | AML | | |
| MDI | Monti di Nese | 1.36 313 | P | 07 01 50.4 +0.7 | |
| MDI | comp=N,1155µm,0.4s | AML | AML | | |
| MDI | comp=N,1190µm,0.5s | AML | AML | | |
| MDI | comp=E,828µm,0.4s | AML | AML | | |
| MDI | comp=E,754µm,0.4s | AML | AML | | |
| CRE | Caprese Michel | 1.37 155 | P | 07 01 51.5 -0.1 | |
| CRE | comp=E,980µm,0.9s | AML | AML | | |
| CRE | comp=N,935µm,0.4s | AML | AML | | |
| CRE | comp=E,985µm,0.9s | AML | AML | | |
| CSNT | Castellina Chi | 1.40 175 | P | 07 01 51.0 +0.8 | |

| | | | | | |
|-------|---------------------------|-----------------|------------|------------------------|------------------------|
| CSNT | comp=E,256µm,0.8s | AML | AML | | |
| CSNT | comp=E,256µm,0.8s | AML | AML | | |
| CSNT | comp=N,264µm,0.5s | AML | AML | | |
| PARC | Parchiule | 1.45 147 | P | 07 01 52.2 -0.8 | |
| PARC | comp=E,370µm,0.5s | AML | AML | | |
| PARC | comp=N,486µm,0.8s | AML | AML | | |
| KOSI | Kohlern | 1.61 6 | P | 07 01 55.3 +0.6 | |
| KOSI | comp=N,761µm,0.8s | AML | AML | | |
| KOSI | comp=E,963µm,0.6s | AML | AML | | |
| APPI | Appiano | 1.62 2 | P | 07 01 54.5 +1.2 | |
| APPI | comp=E,1003µm,0.5s | AML | AML | | |
| APPI | comp=N,926µm,0.4s | AML | AML | | |
| CAFI | Castiglione Fio | 1.65 158 | P | | |
| CAFI | comp=E,250µm,0.6s | AML | AML | | |
| CAFI | comp=N,234µm,1.0s | AML | AML | | |
| GROG | Isola di Gorgo | 1.69 212 | P | | |
| GROG | comp=E,693µm,0.8s | AML | AML | | |
| GROG | comp=N,573µm,0.7s | AML | AML | | |
| BRMO | Bormio | 1.70 342 | P | 07 01 56.9 +0.6 | |
| BRMO | comp=E,670µm,0.6s | AML | AML | | |
| BRMO | comp=N,1040µm,0.6s | AML | AML | | |
| ATVO | AVT- Monte Val | 1.74 148 | P | 07 01 56.3 -0.6 | |
| ATVO | comp=N,465µm,0.6s | AML | AML | | |
| ATVO | comp=E,425µm,0.6s | AML | AML | | |
| TRIF | Trifonti | 1.76 186 | P | | |
| TRIF | comp=N,120µm,0.8s | AML | AML | | |
| TRIF | comp=E,148µm,0.9s | AML | AML | | |
| FRON | Frontone | 1.77 139 | P | | |
| FRON | comp=E,394µm,1.1s | AML | AML | | |
| FRON | comp=N,476µm,0.4s | AML | AML | | |
| MOSI | Grossmontoni | 1.80 347 | P | | |
| MOSI | comp=N,1355µm,1.0s | AML | AML | | |
| MOSI | comp=E,784µm,0.8s | AML | AML | | |
| FUORN | Ofenpass-Fuorn | 1.86 341 | P | 07 01 59.1 +0.1 | |
| FUORN | comp=E,706µm,0.6s | AML | AML | | |
| FUORN | comp=N,582µm,0.5s | AML | AML | | |
| ABSI | Aberstueckl | 1.87 4 | P | 07 01 58.0 +1.1 | |
| ABSI | comp=N,1105µm,0.5s | AML | AML | | |
| ABSI | comp=E,1505µm,0.6s | AML | AML | | |
| PCP | Piancastagn | 1.88 261 | P | 07 01 58.7 +1.8 | |
| PCP | comp=N,490µm,0.8s | AML | AML | | |
| PCP | comp=E,404µm,0.5s | AML | AML | | |
| ATTE | AVT- Monte Tez | 1.88 152 | P | 07 01 57.8 +0.9 | |
| ATTE | comp=E,230µm,1.2s | AML | AML | | |
| ATTE | comp=N,262µm,0.6s | AML | AML | | |
| QLNO | Quirano | 2.07 256 | P | | |
| QLNO | comp=N,180µm,0.3s | AML | AML | | |
| QLNO | comp=E,167µm,0.6s | AML | AML | | |
| ROSI | Roskopf | 2.07 5 | P | | |
| ROSI | comp=N,849µm,0.4s | AML | AML | | |
| ROSI | comp=E,690µm,0.9s | AML | AML | | |
| MGAB | Montegabbione | 2.07 160 | P | | |
| MGAB | comp=N,212µm,0.5s | AML | AML | | |
| MGAB | comp=E,214µm,0.6s | AML | AML | | |
| MGAB | comp=E,229µm,0.6s | AML | AML | | |
| MGAB | comp=N,248µm,0.5s | AML | AML | | |
| DAVOX | Davos/Dischmat | 2.11 336 | P | | |
| DAVOX | comp=N,245µm,0.5s | AML | AML | | |
| DAVOX | comp=E,235µm,0.4s | AML | AML | | |
| ABTA | Abtaltersbach | 2.12 27 | ePn | Pb | 07 02 02.8 -0.5 |
| ABTA | comp=N,2.8nm,0.3s,SNR=9.2 | eSn | Sb | | 07 02 29.2 -0.2 |
| FINB | Finale Ligure | 2.13 252 | P | | |
| FINB | comp=E,73nm,0.6s | AML | AML | | |
| FINB | comp=E,284µm,0.8s | AML | AML | | |
| SKDS | Skadanscina | 2.15 70 | P | Pn | 07 02 00.0 -0.5 |
| FETA | Feichten | 2.18 353 | ePn | Pb | 07 02 03.7 -0.7 |
| FETA | comp=N,21nm,0.5s,SNR=13 | eSn | Sb | | 07 02 32.2 +1.0 |
| RISI | Rein | 2.19 17 | P | | |
| RISI | comp=E,781µm,0.4s | AML | AML | | |
| RISI | comp=N,1084µm,0.5s | AML | AML | | |
| CADS | Cadrg | 2.28 52 | P | Pn | 07 02 02.7 +0.4 |
| CADS | comp=N,1084µm,0.5s | eSn | Sb | | 07 02 08.0 +0.7 |
| CADS | comp=N,1084µm,0.5s | eSn | Sb | | 07 02 30.9 +0.7 |
| MOMA | Monte Martino | 2.31 153 | P | | |
| MOMA | comp=E,162µm,0.9s | AML | AML | | |
| MOMA | comp=N,142µm,0.8s | AML | AML | | |
| RORO | Rocca Rossa | 2.32 252 | P | | |
| RORO | comp=N,119µm,0.6s | AML | AML | | |
| RORO | comp=N,118µm,0.2s | AML | AML | | |
| SQTA | Sankt Quirin | 2.36 1 | ePn | Pb | 07 02 06.5 -1.0 |
| SQTA | comp=N,45nm,0.3s,SNR=18 | eSn | Sb | | 07 02 36.2 -0.2 |
| WTTA | Wattenberg | 2.42 8 | ePn | Pg | 07 02 10.7 -1.0 |
| WTTA | SNR=12 | eSg | Sg | | 07 02 42.5 -0.6 |
| WTTA | SNR=5 | ePn | Pn | | 07 02 07.3 -1.4 |
| WTTA | Wattenberg | 2.42 8 | ePn | Pb | 07 02 40.8 +2.4 |
| WTTA | comp=N,0.9nm,0.2s,SNR=7.3 | eSn | Sb | | |
| WTTA | comp=N,204nm,0.7s | AML | AML | | |
| GBOS | Grotte di Boss | 2.44 256 | P | | |
| GBOS | comp=N,102µm,1.6s | AML | AML | | |
| GBOS | comp=E,75µm,1.2s | AML | AML | | |
| MOTA | | | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRG Berggiesshubel, HYF Humbligny, TCF Touxi Se Croi, etc.

IDC 12 07:05:19.9-2.5, 5.06S; 133.56E, h0km, mb3.9/2, mb1 4.1/6, mb1mx3.8/24, mbtmp3.9/6, ML3.8/4, MS3.2/2, Ms1 3.2/2, ms1mx2.7/34, Error ellipse: s-maj=113.5km s-min=24.1km az=81.0

ISC 12 07:05:19.9-1.4, 5.12S; 107.1334E, 0.2, h10km, n8, s=2010.0, mb4.1/3, Aru Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

YARS 12 07:42:44.1±0.0, 74.59N; 129.80E, h2km, Ms3.8/2, IDC 12 07:42:55.0±7.4, 43N; 130.62E, h0km, mb3.9/14, mb1 4.1/15, mb1mx3.8/42, mbtmp3.9/15, ML4.0/1, MS3.7/10, Ms1 3.7/10, ms1mx3.3/56, Error ellipse: s-maj=24.1km s-min=14.6km az=151.0

NEIC 12 07:42:57.6±1.9, 74.21N; 0.08±130.5E; 0.2, h10km, 1km, mb4.4/15, Error ellipse: s-maj=15.6km s-min=7.9km

ISC 12 07:42:57.0±0.5, 74.26N; 0.07±130.64E, 0.07, h10km, n49, s=121/44, mb4.0/22, MS3.7/9, Laptev Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TIXI Tiksi, BTGS Batagay, MOMR Monna, NRIK Noril'sk, etc.

IMAR Indian Mountain 25.11 69 P P 07 48 21.8 +0.5 KLR Kul'dur 25.13 178 P P 07 48 23.9 +2.3

TLY Talaya 25.28 221 LR LR 08 00 17.8 BMAR Burnt Mountain 26.23 60 P P 07 48 32.3 +0.7 TTA Tatalina 26.97 75 P P 07 48 38.6 +0.3 ZALV Zalesovo Beam 27.33 247 P P 07 48 45.7 +1.2

ARU Arti 32.16 277 LR LR 08 04 09.3 KDAK Kodiak Island 32.24 78 P P 07 49 25.7 +0.8 MKAR Makanchi Array 34.55 245 P P 07 49 45.1 +0.1

YKA Yellowknife Ar 36.97 45 P P 07 50 04.5 +1.2 AKTO Aktyubinsk 36.57 272 LR LR 08 07 09.4 ABKAR Akbulak array 38.20 170 P P 07 50 17.4 +1.2

BOOM Boomskeye uch 40.17 249 P P 07 50 34.4 +1.3 AAK Ala-Archa 40.41 251 P P 07 50 36.8 +1.8

FCC Fort Churchill 43.94 32 P P 07 51 02.6 +0.8 GAR Garm 44.91 254 P P 07 51 13.0 +1.5

KBZ Khabaz 47.90 282 P P 07 51 35.2 +0.5 GEYT Alibeck 49.18 265 LR LR 08 14 28.7 NIL Nilore 49.21 248 P P 07 51 45.7 +0.7

KBL Kabul 49.45 253 P P 07 51 46.6 -0.4 ULM Lac du Bonnet 51.90 36 P P 07 52 03.1 -2.0 TXAR Lajitas Array 70.74 49 P P 07 54 12.3 -0.7

JAY Jayapura 76.91 170 LR LR 08 31 14.7 KRVT Keravat (AS076) 79.54 158 LR LR 08 28 45.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, WRA Warramunga Arr, PLCA Pasa Flores, etc.

SOME 12 07:52:37.1, 43.33N; 82.92E, h15km NNC 12 07:52:40.0±2.6, 43.50N; 82.87E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=21.1km s-min=10.5km az=130.0

ISC 12 07:52:33.6±3.1, 43.33N; 80.1; 83.2E; 0.1, h10km, n25, s=182/37, 4C-1D, Northern Xinjiang

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, DJR Jarkent, PDGK Podgornoye, etc.

IDC 12 07:59:49.7±2.5, 54.09N; 86.20E, h0km, mb1.3/0.2, mb1mx2.9/49, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=19.7km s-min=12.3km az=61.0, Southwestern Siberia

I46RU ZALESOVO INFRA 0.83 261 I P 08 05 30.0 ZALV Zalesovo Beam 0.82 261 P P 08 00 06.0 +0.5

ZALV 0.6nm, 0.3s, baz=81, slow=17, SNR=7.3 ZALV 0.4nm, 0.3s, baz=81, slow=20, SNR=3.7

KURBB Kurchatov Arra 5.84 237 Pn Pn 08 01 18.4 +1.0 MKAR Makanchi Array 7.72 200 Pn Pn 08 01 43.9 +0.7

WEL 12 08:01:38.1±1.1, 38.5±6.18°E±1.1, h33km, M4.1/60, ML4.4/66, MLV4.1/60, Error ellipse: s-maj=0.0km s-min=0.0km az=59.7, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Waionmatatini S, MXZ Mataoka Point, PUZ Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTZ Ruatuhuna, WHZ Waihua, RAHZ Aarahi, etc.

BUI 12 08:02:06.0±0.0, 47.31S; 165.29E, h15km, mb5.7/8, mb5.4/11, Ms5.5/2 NEIC 12 08:02:06.5±2.0, 46.97S; 0.07±165.9E; 0.1, h10km, 1km, mb5.2/36, Ms_20 4.6/57, ML5.0/30, Error ellipse: s-maj=14.0km s-min=10.2km az=123.0

MOS 12 08:02:07.1±1.5, 46.70S; 165.75E, h10km, mb5.4/13, Error ellipse: s-maj=25.9km s-min=11.6km az=116.5 IDC 12 08:02:07.3±0.5, 46.68S; 165.88E, h0km, mb4.4/9, mb1 4.6/11, mb1mx4.4/35, mbtmp4.5/11, ML5.0/2, MS4.5/15, Ms1 4.4/15, ms1mx4.2/22, Error ellipse: s-maj=20.9km s-min=16.4km az=60.0

WEL 12 08:02:09.2±1.0, 47.5±6.16°E±1.1, h12km, M5.6/15, Mb5.7/3, ML5.8/15, MLV5.7/15, Mw(Mb)5.2/3, Error ellipse: s-maj=0.0km s-min=0.0km az=174.0

GCMT 12 08:02:13.5±0.3, 46.73S; 0.03±165.32E; 0.03, h33km, 1km, MW5.0/81, Moment Tensor Solution, s37_c4; s81_c10; Duration: 0 Moment tensor: Scale 10^16N; M3.06±.27; M3.10±.17; M3.40±.17; M3.79±.19; M3.09±.11; M3.26±.17; Best double couple: M4.50800°/10^16 NPT=15.0000°; 328.0000°; 115.0000°; NPT= 0±167.0000°; 864.0000°; 177.0000°; Principal axes: T 0.4820, Plg68.0000°, Azm52.0000°; P -0.8490, Plg11.0000°, Azm173.0000°; B -4.9330, Plg18.0000°, Azm267.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 08:02:07.1±1.5, 46.91S; 0.05±165.91E; 0.04, h10km, 9km, n355, s=177/339, mb5.1/41, MS4.5/27, 35C-10D, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYZ Puysegur Point, APZ The Paps, DCZ Deep Cove, etc.

Table with columns: BRTR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Keskin Array B, Keskin Array A, Storozhevoye, Galich'ya Gora, Klimovskoe, etc.

SOME 12 08:03:33.8, 39:38N-73:78E, h5km
ISU 12 08:03:35.0, 39:40N-73:60E, h5km
KRNET 12 08:03:39.5, 0.1, 39:50N-73:55E, h12km, mb3.5
NMC 12 08:03:39.1, 2.3, 39:50N-73:82E, h0km, mb4.0, mpv3.7,
Error ellipse: s-maj=17.8km s-min=7.9km az=173.0
ISC 12 08:03:37.1, 1.6, 39:50N-0.05:73:78E, h2km, mb1.1km,
n56, e195/97, 34C-12D, Tajikistan-Xinjiang border
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sufi-Kurgan, Osh, Karamyk, ARSB, etc.

Main table with columns: AAK, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ala-Archa, Ala-Archa, MRKS, Karagaybulak, etc.

IDC 12 08:06:28.2, 1.4, 13:84N-146:53E, h0km, mb3.7/5,
mb1.3, 8/5, mb1mx3.5/5.1, mbtmp3.7/5, Error ellipse:
s-maj=30.8km s-min=22.9km az=133.0
ISC 12 08:06:33.4, 1.2, 13.8N:0.2:146.5E:0.1, h37km, n7,
e082/8, mb3.8/5, South of Mariana Islands
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GUMO, KSRS, WRA, SONMG, etc.

KRNET 12 08:07:54.0, 0.1, 41:20N-69:86E, mb2.6
SOME 12 08:07:54.1, 40:92N-70:00E, h0km
NMC 12 08:07:55.2, 3.7, 40:83N-70:31E, h0km, mb3.0, mpv3.4,
Error ellipse: s-maj=28.1km s-min=20.0km az=54.0
ISC 12 08:07:58.8, 1.4, 40:99N-0.03:70:34E, h0.06, h4km, 1.1km,
n13, e128/22, 10C-4D, Tajikistan
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Terek-Say, Batken, Karaybulak, etc.

WEL 12 08:13:44.6, 1.0, 38:57N-18:00E, h33km, M2.9/11,
ML3-1/11, MLKZ.9/11, Error ellipse: s-maj=0.0km
s-min=0.0km az=26.8, Off east coast of North Island
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Waiomatatini S, Matakaoa Point, Pakihiroa, etc.

WEL 12 08:15:46.7, 44:51N-17:22E, h8km, 2km, M2.0/7, ML2.0/6,
ML2v0.7, Error ellipse: s-maj=0.0km s-min=0.0km
az=125.3, South Island
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Rakaia, McQueen's Vall, Akaroa Harbour, etc.

IDC 12 08:16:26.1, 2.8, 41:36N-64:29E, h0km, mb1.3, 0/2,
mb1mx2.9/5, mbtmp3.0/2, ML3.12, 2C-2D, Error ellipse:
s-maj=32.1km s-min=29.0km az=149.0, Northwestern
Uzbekistan
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Karatay Array, Karatay Array, Karatay Array, etc.

BEO 12 08:25:31.9, 0.8, 45:86N-27:64E, h94km, 4km, ML3.4/6
SOF 12 08:25:31.9, 0.8, 45:90N-26:63E, h109km, MD3.7
IDC 12 08:25:38.7, 1.0, 45:89N-26:56E, h114km, 22km, mb3.4/3,
mb1.3/4, mb1mx3.0/4, mbtmp3.8/5, Error ellipse:
s-maj=49.8km s-min=33.5km az=80.0
SIGU 12 08:25:38.2, 0.2, 46:11N-27:7E, h127km, 1km, mb3.0/6
BUC 12 08:25:38.2, 0.2, 45:72N-26:72E, h123km, 1km, m4.1/4,
Error ellipse: s-maj=1.5km s-min=1.4km az=3.0
NEIC 12 08:25:38.2, 1.5, 45:74N-0.04-26:74E, h0.06, h127km, 3km,
Error ellipse: s-maj=6.0km s-min=5.0km az=129.0
ISC 12 08:25:37.9, 0.8, 45:73N-0.02-26:72E, h129km, 4km,
n164, e095/258, mb3.7/3, 94C-81D, Romania
region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Plostina, Plostina, Vriocioia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRI, BISSR, BISSR, ODBI, PETR, etc.

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

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

Table with columns: MDOK, Medeo, 3.26 318 Pg Pn, 09 39 00.2 +1.4, etc.

ECX 12 10:11:53.4-0.3, 32.43N:115.20W, h6km, 1km, ML2.0
MEX 12 10:11:53.3-0.7, 32.52N:115.18W, h5km, MD3.6
ISC 12 10:11:53.9-0.9, 32.39N:105.03, h13km, 5km, n23, s+106/30, 7C-7D, California-Baja California border region

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

GUC 12 10:12:26.8-0.8, 19.88S:70.95W, h33km, 3km, ML3.7
IDC 12 10:12:36.5-3.8, 19.96S:69.95W, h77km, 26km, mb3.4/2, mb1 3.5/5, mb1mx3.3/26, mbtmp3.6/5, MS2.5/2, M2 2.6/2, ms1mx2.5/14, Error ellipse: s-maj=71.9km s-min=22.5km az=105.0

ISC 12 10:12:28.6-1.7, 19.88S:0.04:70.90W:0.09, h39km, 5km, n28, s213/36, 7C-4D, Near coast of northern Chile

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

H11S1 WAKE ISLAND Hy25.83 279 T T 12 50 50.8
H11S3 WAKE ISLAND Hy25.83 279 T T 12 50 50.5
MKAR Makanchi Array 14.35 33 PKP PKPdf 10 32 03.2 +0.9

KRNET 12 10:35:14.9-0.1, 44.08N:69.22E, mb2.8
SOME 12 10:35:18.8, 43.60N:69.73E
NMC 12 10:35:22.0-1.3, 43.66N:69.97E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=6.9km s-min=4.6km az=121.0, Suspected Mining explosion.

ISC 12 10:35:20.7-2.7, 43.77N:0.708:7.01E:0.1, h0km, n16, s+139/21, 5C-5D, Central Kazakhstan

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

IDC 12 10:53:33.4-2.5, 9.46S:125.43E, h0km, mb3.7/1, mb1 4.1/4, mb1mx3.2/28, mbtmp3.2/3, ML2.9/2, MS3.4/2, Ms1 3.4/2, ms1mx2.8/31, Error ellipse: s-maj=135.3km s-min=27.0km az=62.0, Timor region

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

IDC 12 10:57:50.0-1.9, 6.42N:118.16W, h0km, mb3.7/3, s-maj=123.1km s-min=26.1km az=79.0, Iceland

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

IDC 12 11:23:06.9-1.6, 0.44N:123.46E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.5/37, mbtmp3.5/4, ML3.9/1, Error ellipse: s-maj=123.1km s-min=23.2km az=65.0, Minahasa Peninsula, Sulawesi

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

TXAR Lajitas Array 53.10 326 P P 11 40 28.7 +1.6
TORD Torodi Ar. Bea 78.40 73 P P 11 43 08.8 -1.0

NEIC 12 11:31:46.3-0.8, 36.36N:0.02:97.10W:0.01, h7km, 7km, Error ellipse: s-maj=2.5km s-min=1.6km az=192.0
ANF 12 11:31:46.7-0.7, 36.34N:97.07W, h5km, ML3.8/10, Error ellipse: s-maj=9.8km s-min=5.3km az=3.0
TUL 12 11:31:46.4-0.9, 36.35N:0.01:97.09W:0.01, h8km, 7km, ML3.3, Error ellipse: s-maj=2.1km s-min=1.2km az=146.0

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

AEIC 12 11:35:54.2-2.5, 51.59N:0.06:175.24W:0.06, h26km, 4km, ML4.1, mb4.1/55(NEIC), Error ellipse: s-maj=9.9km s-min=4.3km az=158.0

IDC 12 11:35:55.9-4.1, 51.90N:175.39W, h48km, 38km, mb3.8/16, mb1 3.9/19, mb1mx3.7/67, mbtmp4.0/19, ML4.0/2, MS3.2/12, Ms1 3.2/12, ms1mx3.1/48, Error ellipse: s-maj=26.2km s-min=13.4km az=168.0

NEIC 12 11:35:56.5-2.0, 51.77N:0.10:175.30W:0.07, h50km, 6km, Error ellipse: s-maj=14.8km s-min=4.9km az=164.0
ISC 12 11:35:56.4-0.5, 51.78N:0.09:175.30W:0.04, h55km, n125, s143/124, mb4.1/25, MS3.4/4, Andreanof Islands

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

585 2012 DEC 12d 12h

| | | | | | | | | | | | | | | | | | | | | | |
|------|------------------------------------------|-----------|-------|-------|------------|------|-------|--------------------------------------------|-----------|-------|-------|--------------|------|--------------------------------------------|--------------------------------------------|-----------|-------|------------|------------|------------|-----|
| UZYB | Uzynbulak | 49.29 295 | eP | P | 12 40 35.4 | -1.5 | BKB | Balikpapan | 54.04 222 | P | P | 12 41 13.6 | +1.2 | WRAB | Tennant Creek | 65.66 196 | P | P | 12 42 32.0 | -0.1 | |
| UZYB | comp=Z,7.0nm,0.6s | | | | | | ARSB | Arslanbob | 54.09 295 | P | P | 12 41 13.4 | +0.6 | WRAB | comp=Z,1.1nm,0.9s | | | | | | |
| CM31 | Chiang Mai Arr | 49.31 255 | P | P | 12 40 38.0 | +0.9 | ARSB | comp=Z,1.02nm,1.0s | | | | | | WRAB | Tennant Creek | 65.66 196 | P | P | 12 42 32.0 | -0.1 | |
| CMAR | Chiang Mai Arr | 49.31 255 | P | P | 12 40 37.6 | +0.5 | YKA | Arslanbob | 54.09 295 | P | P | 12 41 13.4 | +0.6 | WRAB | comp=Z,1.1nm,0.9s | | I Amb | P | I Amb | 12 42 47.9 | |
| CMAR | comp=Z,4.8nm,0.7s,baz=43,slow=7.3,SNR=27 | | | | 13 03 36.4 | | YKA | Yellowknife Arr | 54.21 35 | P | P | 12 41 13.7 | +0.7 | WB2 | Warramunga Arr | 65.66 196 | P | P | 12 42 31.5 | -0.6 | |
| CMAR | comp=Z,2.94nm,1.8s,baz=78,slow=39 | | | | | | SPAO | Spitsbergen Arr | 54.27 349 | eP | P | 12 41 12.3 | -1.1 | WB2 | comp=Z,1.1nm,0.8s | | I Amb | P | I Amb | 12 42 47.9 | |
| CMAR | Chiang Mai Arr | 49.31 255 | P | P | 12 40 36.6 | -0.5 | KOLN | Koldandaa | 54.28 275 | eP | P | 12 41 14.8 | +0.4 | WRA | Warramunga Arr | 65.67 196 | P | P | 12 42 31.9 | -0.2 | |
| CM02 | Chiang Mai Arr | 49.32 255 | P | P | 12 40 38.1 | +0.9 | PYUN | Piuthan | 54.52 276 | eP | P | 12 41 16.5 | +0.4 | WRA | comp=Z,4.1nm,0.7s,baz=16,slow=6.9,SNR=33 | | | | | | |
| CM01 | Chiang Mai Arr | 49.32 255 | P | P | 12 40 39.6 | +2.4 | KK31 | Karatay Arr | 54.75 298 | P | P | 12 41 17.1 | -0.3 | WRA | comp=Z,2.6nm,0.8s,baz=13,slow=6.7,SNR=14 | | | | | | |
| CM04 | Chiang Mai Arr | 49.32 255 | P | P | 12 40 38.1 | +0.9 | KK31 | comp=Z,2.6nm,1.1s | | | | | | WRA | comp=Z,1.1nm,0.8s,baz=205,slow=6.7,SNR=7.9 | | | | | | |
| CM15 | Chiang Mai Arr | 49.33 255 | P | P | 12 40 38.0 | +0.7 | KKAR | Karatay Arr | 54.75 298 | P | P | 12 41 16.8 | -0.6 | WRA | Warramunga Arr | 65.67 196 | P | P | 12 42 28.9 | -3.2 | |
| CM05 | Chiang Mai Arr | 49.35 255 | P | P | 12 40 38.5 | +1.0 | KKAR | comp=Z,2.6nm,1.1s | | | | | | NVAR | Mina Array Bea | 65.76 59 | P | P | 12 42 33.7 | +0.7 | |
| CM13 | Chiang Mai Arr | 49.36 255 | P | P | 12 40 38.5 | +1.0 | KKAR | Karatay Arr | 54.75 298 | P | P | 12 41 16.9 | -0.4 | NVAR | comp=Z,3.0nm,0.8s,baz=301,slow=4.4,SNR=6.2 | | | | | | |
| KPKS | Kokpek | 49.36 295 | eP | P | 12 40 35.9 | -1.5 | KKAR | comp=Z,2.6nm,1.1s | | | | | | NVAR | Mina Array Bea | 65.76 59 | P | P | 12 42 33.5 | +0.2 | |
| KPKS | comp=Z,1.7nm,0.7s,baz=295 | | | | | | KKAR | Karatay Arr | 54.75 298 | P | P | 12 41 16.8 | -0.6 | VRH | Novokhopovskoye | 65.97 319 | eP | P | 12 42 32.4 | -1.4 | |
| KPKS | Kokpek | 49.36 295 | eP | P | 12 40 35.9 | -1.5 | KKAR | comp=Z,2.6nm,1.1s | | | | | | VRH | comp=Z,5.0nm,0.6s | | P max | P max | | | |
| SUKH | Sukhobai | 49.51 253 | P | P | 12 40 40.0 | +1.4 | ARU | Arti | 54.84 317 | P | P | 12 41 16.8 | -0.6 | NSS | Namsh | 66.23 341 | eP | P | 12 42 34.4 | -0.9 | |
| SHL | Shilong | 49.70 268 | P | P | 12 40 40.0 | -0.2 | ARU | comp=Z,1.3nm,0.6s | | | | | | LPSR | Galich'ya Gora | 66.31 321 | eP | P | 12 42 31.1 | -1.9 | |
| SHL | Shilong | 49.70 268 | P | P | 12 40 40.0 | -0.2 | ARU | Arti | 54.84 317 | P | P | 12 41 16.1 | -1.7 | LPSR | comp=Z,4.0nm,0.8s | | P max | P max | | | |
| SHL | FAKI | 49.71 203 | I Amb | I Amb | 12 40 41.2 | +1.1 | ARU | comp=Z,1.3nm,0.6s | | | | | | ICESC | Greenland Ices | 66.45 4 | i P | I Amb | I Amb | 12 42 37.1 | 0.0 |
| SHL | FAKI | 49.71 203 | I Amb | I Amb | 12 40 56.9 | | ARU | Arti | 54.84 317 | P | P | 12 41 16.1 | -1.7 | ICESC | comp=Z,3.9nm,0.9s | | | | | | |
| SATY | Saty | 49.73 295 | eP | P | 12 40 38.9 | -1.4 | IUG | luzhnay | 55.55 298 | eP | P | 12 41 22.1 | -1.2 | H17A | Grant Village | 66.51 50 | P | P | 12 42 39.9 | +2.1 | |
| SATY | comp=Z,9.0nm,0.7s,baz=295 | | | | | | IUG | comp=Z,1.4nm,1.0s,baz=298 | | | | | | RLMT | Red Lodge | 66.76 49 | P | P | 12 42 39.9 | +0.6 | |
| SATY | Saty | 49.73 295 | eP | P | 12 40 38.8 | -1.4 | IUG | luzhnay | 55.55 298 | eP | P | 12 41 22.0 | -1.2 | RLMT | Red Lodge | 66.76 49 | P | P | 12 42 40.2 | +0.9 | |
| PRZ | Przheval'sk | 50.00 294 | P | P | 12 40 43.2 | +0.8 | BTK | Batken | 56.16 295 | P | P | 12 41 27.3 | -0.3 | MOOW | Moose Ponds | 66.84 51 | P | P | 12 42 41.6 | +1.8 | |
| PRZ | comp=Z,3.2nm,0.8s | | | | | | BTK | comp=Z,3.5nm,0.5s | | | | | TPAW | Teton Pass | 66.89 51 | I Amb | I Amb | 12 42 58.6 | | | |
| PRZ | Przheval'sk | 50.00 294 | P | P | 12 40 43.2 | +0.8 | BTK | Batken | 56.16 295 | P | P | 12 41 27.3 | -0.3 | VSU | Vasula | 66.90 331 | eP | P | 12 42 39.5 | -0.1 | |
| BRZS | Berezniiki | 50.20 305 | eP | P | 12 40 42.0 | -1.6 | KULM | Kulim | 57.77 242 | I Amb | I Amb | 12 41 41.3 | | VSU | comp=Z,2.46nm,2.7s | | P max | P max | | | |
| BRZS | comp=Z,3.8nm,0.5s,baz=295 | | | | | | KULM | comp=Z,1.9nm,1.1s | | | | | REDW | Red Top Meadow | 67.03 51 | I Amb | I Amb | 12 43 01.6 | | | |
| BRZS | Berezniiki | 50.20 305 | eP | P | 12 40 41.9 | -1.6 | ABKAR | Abkubal array | 57.90 309 | P | P | 12 41 38.4 | -0.6 | VSR | Storozhevoe | 67.15 320 | eP | P | 12 42 40.8 | -0.6 | |
| MHMT | Maesarieng | 50.20 255 | P | P | 12 40 45.1 | +1.2 | KIRV | Kirov | 57.93 323 | eP | P | 12 41 38.3 | -1.4 | VSR | comp=Z,5.0nm,0.7s | | P max | P max | | | |
| CHKK | Chushkaly | 50.27 296 | eP | P | 12 40 42.3 | -1.9 | NIL | Nilore | 58.10 287 | P max | P max | 12 41 41.6 | +0.3 | VORD | Divnogorie | 67.26 320 | eP | P | 12 42 41.5 | -0.6 | |
| CHKK | comp=Z,3.0nm,1.0s | | | | | | NIL | comp=Z,7.2nm,1.0s | | | | | LAO | LASA Array | 67.34 46 | P | P | 12 42 43.8 | +1.0 | | |
| CHKK | Chushkaly | 50.27 296 | eP | P | 12 40 42.3 | -1.9 | HAMP | Hammerfest | 58.65 342 | eP | P | 12 41 43.4 | -1.1 | LAO | LASA Array | 67.34 46 | I Amb | I Amb | 12 42 45.1 | | |
| BRVK | Borovyoe | 50.27 310 | eP | P | 12 40 42.8 | -1.2 | SOEI | Soe | 58.67 209 | I Amb | I Amb | 12 42 05.5 | | SPR3 | Spring Creek 3 | 67.81 57 | P | P | 12 42 45.2 | -1.0 | |
| BRVK | comp=Z,1.3nm,1.1s | | | | | | TMCR | Tamitsa | 59.02 332 | eP | P | 12 41 45.9 | -1.3 | DUG | Dugway, Tooele | 67.94 55 | P | P | 12 42 47.3 | +0.5 | |
| BRVK | Borovyoe | 50.27 310 | P | I Amb | 12 40 44.3 | -0.9 | TMCR | comp=Z,2.3nm,1.2s | | | | | TPNV | Topguy Spring | 67.96 60 | P | P | 12 42 47.6 | +0.6 | | |
| BRVK | comp=Z,1.4nm,1.1s | | | | | | ARAO | ARCESS Array S | 59.03 340 | eP | P | 12 41 45.5 | -1.8 | BW06 | Boulder Array | 68.13 51 | P | P | 12 42 48.6 | +0.6 | |
| SRAK | Skakaw | 50.34 248 | P | P | 12 40 44.2 | -0.8 | ARCES | ARCESS Array B | 59.03 340 | P | P | 12 41 45.5 | -1.7 | PD31 | Pinedale Array | 68.13 51 | P | P | 12 42 48.5 | +0.4 | |
| MDOK | Medeo | 50.56 295 | eP | P | 12 40 44.8 | -1.7 | ARCES | comp=Z,2.0nm,0.6s,baz=43,slow=7.6,SNR=16 | | | | | PDAR | Pinedale Array | 68.13 51 | P | P | 12 42 48.6 | +0.5 | | |
| MDOK | comp=Z,2.95s | | | | | | ARCES | ARCESS Array B | 59.03 340 | P | P | 12 41 45.7 | -1.5 | PDAR | comp=Z,2.5nm,0.8s,baz=261,slow=1.4,SNR=18 | | | | | | |
| AAA | Alma-Ata | 50.56 296 | eP | P | 12 40 45.6 | -1.4 | ARCES | ARCESS Array B | 59.03 340 | P | P | 12 41 45.7 | -1.5 | PDAR | comp=Z,3.4nm,0.6s,baz=273,slow=1.4,SNR=10 | | | | | | |
| AAA | Alma-Ata | 50.56 296 | eP | P | 12 40 45.6 | -1.4 | LTY | Liberty | 59.15 53 | I Amb | I Amb | 12 41 48.5 | -0.1 | PDAR | Pinedale Array | 68.13 51 | P | P | 12 42 48.3 | +0.2 | |
| AAA | comp=Z,1.5nm,0.6s | | | | | | LTY | comp=Z,1.2nm,1.5s | | | | | SHPR | Sheep Range | 68.92 59 | P | P | 12 42 50.9 | +2.1 | | |
| KUU | Kurdy | 50.67 297 | eP | P | 12 40 44.9 | -2.3 | KTK1 | Kautokoino | 59.96 340 | eP | P | 12 41 52.2 | -1.4 | SHPR | Moide | 68.92 59 | P | P | 12 42 50.9 | +2.1 | |
| KUU | comp=Z,2.5nm,1.3s,baz=296 | | | | | | KBL | Kabl | 60.42 291 | P | P | 12 41 57.2 | -0.4 | DOMB | Dombras | 69.04 341 | eP | P | 12 42 51.3 | -1.8 | |
| KUU | Kurdy | 50.67 297 | eP | P | 12 40 44.9 | -2.3 | KBL | Kabl | 60.42 291 | P | P | 12 41 57.2 | -0.4 | NC403 | NORSAR Array S | 69.20 340 | P | P | 12 42 53.2 | -0.8 | |
| KDJ | Kajisay | 50.96 294 | P | P | 12 40 49.7 | 0.0 | KBL | Kabl | 60.42 291 | P | P | 12 41 57.2 | -0.4 | NC405 | NORSAR Array S | 69.20 340 | P | P | 12 42 53.3 | -0.9 | |
| KDJ | comp=Z,2.5nm,1.3s | | | | | | TRFO | Troso | 60.47 342 | eP | P | 12 41 55.7 | -1.4 | IDID | Didziasalis | 69.30 329 | eP | P | 12 42 55.3 | +0.5 | |
| KDJ | Kajisay | 50.96 294 | P | P | 12 40 49.7 | 0.0 | KIP | Kilpisjarvi | 60.54 34 | eP | P | 12 41 55.7 | -1.9 | ISAL | Salakas | 69.33 308 | eP | P | 12 42 55.8 | +0.4 | |
| KDJ | comp=Z,2.5nm,1.3s | | | | | | NEW | Newport | 60.56 50 | P | P | 12 41 58.7 | +0.6 | AKT | Akhty | 69.33 308 | eP | P | 12 42 55.9 | +0.4 | |
| KDJ | comp=Z,2.5nm,1.3s | | | | | | NEW | comp=Z,4.7nm,1.0s,baz=326,slow=4.4,SNR=6.7 | | | | | AKT | comp=Z,6.6nm,0.9s | | P max | P max | | | | |
| KDJ | Kajisay | 50.96 294 | P | P | 12 40 49.7 | 0.0 | KLMR | Klimovskoe | 60.60 328 | eP | P | 12 41 55.4 | -2.7 | NB201 | NORSAR Array S | 69.37 340 | P | P | 12 42 54.4 | -0.7 | |
| KDJ | comp=Z,2.5nm,1.3s | | | | | | KLMR | comp=Z,2.43nm,1.6s | | | | | AS31 | Alice Springs | 69.38 195 | P | P | 12 42 56.2 | +0.7 | | |
| KDJ | Kajisay | 50.96 294 | P | P | 12 40 49.7 | 0.0 | KLMR | Klimovskoe | 60.60 328 | eP | P | 12 41 55.4 | -2.7 | ASAR | Alice Springs | 69.38 195 | P | P | 12 42 56.5 | +1.0 | |
| UDHA | Uthaitani | 50.96 292 | P | P | 12 40 51.3 | +1.5 | KLMR | comp=Z,2.43nm,1.6s | | | | | ASAR | comp=Z,4.2nm,0.7s,baz=11,slow=5.0,SNR=53 | | | | | | | |
| OTUK | Ortayay | 51.16 303 | i P | P | 12 40 49.4 | -1.4 | PINE | Pine Mountain | 60.96 56 | P | P | 12 42 03.4 | +2.3 | ASAR | comp=Z,5.5nm,0.9s,baz=11,slow=5.7,SNR=11 | | | | | | |
| OTUK | comp=Z,2.2nm,0.7s | | | | | | PINE | comp=Z,9.9nm,0.8s | | | | | ASAR | comp=Z,1.5nm,1.0s,baz=177,slow=2.1,SNR=6.3 | | P P | P P | 13 11 04.5 | +6.2 | | |
| ULHL | Ulaho | 51.52 295 | P | P | 12 40 54.5 | +0.7 | YBHU | Yreka Blue Hor | 61.08 59 | P | P | 12 42 03.5 | +1.6 | ASAR | Alice Springs | 69.38 195 | P | P | 12 42 56.5 | +1.0 | |
| BTLS | Baital | 51.58 299 | eP | P | 12 40 51.6 | -2.4 | YBHU | comp=Z,7.0nm,1.4s | | | | | NB2 | NORSAR Subarra | 69.40 340 | P | P | 12 42 54.0 | -1.4 | | |
| BTLS | comp=Z,2.95s | | | | | | YBHU | Yreka Blue Hor | 61.08 59 | P | P | 12 42 03.5</ | | | | | | | | | |

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AGMN, PV23, PV14, PV22, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TESR, CBKS, TLCR, UZH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COPA, GZR, MANZ, MDUB, etc.

| | | | | | | | | | | | | | | | | | |
|-------|------------------------------------------------------|-----------|-------|-------|-----------------|--------------|--------------------------------------------------|------------------------|----------|----------|------------------------------------|--------------|--------------------------------------------------|------------------------|----------|----------|------------------------------------|
| P57A | baz=174,SNR=5.1 Homestead Farm baz=172,SNR=7.1 | 59.45 354 | P | P | 12 45 33.3 +1.4 | KS20 L53A | Mayfield South Girard baz=170 | 62.14 336 62.15 352 | P | P | 12 45 50.0 -0.3 12 45 51.1 +0.8 | T25A | comp=Z,36nm,1.0s Trinidad baz=145,SNR=7.5 | 64.95 331 | P | P | 12 46 10.2 +1.1 |
| P57A | Homestead Farm comp=Z,35nm,1.1s | 59.45 354 | I Amb | I Amb | 12 45 34.6 | VNA3 K62A | Neumayer Olymp Royalston baz=179 | 62.17 161 62.27 359 | P | P | 12 45 51.8 +1.6 12 45 51.9 +0.9 | T25A JFWS | Trinidad Jewell Farm baz=160 | 64.95 331 65.00 344 | P | P | 12 46 08.8 -0.3 12 46 09.4 +0.3 |
| WCI | Wyandotte Cave baz=183 | 59.61 346 | P | P | 12 45 33.4 +0.3 | ERPA | Erie baz=170 | 62.28 352 | P | P | 12 45 52.1 +0.9 | JFWS JFWS | Jewell Farm JFWS | 65.00 344 | P | pmax | 12 46 08.5 -0.6 |
| WCI | Wyandotte Cave | 59.61 346 | P | pmax | 12 45 32.3 -0.7 | K63A | Dunstable baz=178 | 62.28 359 | P | P | 12 45 52.4 +1.3 | JFWS G54A | Jewell Farm Lake Saint Pet baz=173,SNR=5.5 | 65.00 344 65.32 354 | P | P | 12 46 08.5 -0.6 12 46 11.8 +0.7 |
| WCI | Wyandotte Cave | 59.61 346 | P | I Amb | 12 45 32.3 -0.7 | K61A | Williamstown baz=178 | 62.34 342 | I Amb | I Amb | 12 45 52.7 | 214A | Organ Pipe Nat baz=139,SNR=5.5 | 65.36 321 | P | P | 12 46 14.0 +2.2 |
| U40A | comp=Z,44nm,1.2s Yellville | 59.69 340 | P | P | 12 45 34.0 +0.3 | TRY | Troy comp=Z,30nm,1.1s | 62.37 358 | P | P | 12 45 52.5 +0.8 | 214A | Organ Pipe Nat comp=Z,16nm,1.1s | 65.36 321 | I Amb | I Amb | 12 46 15.2 |
| U40A | baz=156,SNR=9.1 Yellville | 59.69 340 | I Amb | I Amb | 12 45 34.9 | VNA1 K59A | Neumayer-Stat Cooperstown baz=176,SNR=12 | 62.40 160 62.47 357 | P | P | 12 45 51.5 -0.1 12 45 53.7 +1.3 | K38A | Parkersburg comp=Z,28nm,1.1s | 65.43 342 | I Amb | I Amb | 12 46 12.3 |
| WUPA | comp=Z,20nm,0.9s West Chester U | 59.69 356 | I Amb | I Amb | 12 45 35.4 | K58A | Earlville baz=175,SNR=8.9 | 62.51 356 | P | P | 12 45 53.7 +1.1 | F61A | St Evariste baz=183 | 65.49 2 | P | P | 12 46 13.4 +1.2 |
| MVL | Millersville comp=Z,22nm,0.9s | 59.81 355 | I Amb | I Amb | 12 45 36.5 | K58A K57A | Earlville Scipio Center baz=174 | 62.51 356 62.54 355 | P | P | 12 45 53.4 +0.7 12 45 54.0 +1.2 | F60A | Warwick baz=178,SNR=6 | 65.56 359 | P | P | 12 46 13.4 +0.7 |
| S44A | Carbondale | 59.84 343 | P | P | 12 45 33.8 -0.9 | HDIL | Hopedale baz=161 | 62.54 344 | P | P | 12 45 52.5 -0.4 | I42A | Draeger Farm, comp=Z,47nm,1.4s | 65.60 346 | I Amb | I Amb | 12 46 13.6 |
| P53A | Whipple | 59.89 351 | P | P | 12 45 35.1 +0.1 | K56A | Middlesex baz=173 | 62.57 355 | P | P | 12 45 53.7 +0.6 | L1M | Caledonia Moun comp=Z,27nm,0.8s | 65.67 5 | I Amb | I Amb | 12 46 14.8 |
| X34A | Smith Ranch, M comp=Z,35nm,0.9s | 59.95 334 | I Amb | I Amb | 12 45 37.4 | VNA2 | Neumayer-Watz baz=278,slow=6.8 | 62.76 161 | P | P | 12 45 55.6 +1.5 | KSCO | Kaye Shedlock' baz=147 | 65.71 333 | P | P | 12 46 15.2 +1.3 |
| O58A | Lewisberry baz=174 | 59.98 355 | P | P | 12 45 37.2 +1.6 | L48A | N Adams Henniker baz=176 | 62.80 349 62.82 359 | P | P | 12 45 53.2 -1.4 12 45 55.9 +1.1 | KSCO | Kaye Shedlock' KSCO | 65.71 333 | P | I Amb | 12 46 13.8 -0.2 12 46 16.3 |
| O60A | Telford | 60.06 356 | P | P | 12 45 37.3 +1.2 | J62A | Lant Hill Farm baz=177 | 62.88 358 | P | P | 12 45 56.9 +1.8 | ALGO | Algonquin Park baz=173 | 65.89 357 | P | P | 12 46 14.6 -0.3 |
| O59A | Robesonia baz=174 | 60.13 355 | P | P | 12 45 38.0 +1.5 | P38A | Dawn | 62.88 340 | I Amb | I Amb | 12 45 55.7 | TRQ | Mont Tremblant L34A | 65.89 357 65.92 339 | P | P | 12 46 14.5 -0.6 12 46 17.3 +1.6 |
| O57A | Amberson baz=173,SNR=7.9 | 60.13 354 | P | P | 12 45 38.0 +1.4 | 319A | Douglas comp=Z,26nm,0.9s | 62.90 323 | I Amb | I Amb | 12 45 58.7 | SDCO | Great Sand Dun baz=144,SNR=27 | 65.94 330 | I Amb | I Amb | 12 46 18.4 |
| P51A | Williamsport comp=Z,24nm,1.1s | 60.16 349 | I Amb | I Amb | 12 45 37.5 | 121A | Cookes Peak, D baz=141,SNR=5.6 | 62.96 325 | P | P | 12 45 58.0 +1.9 | SDCO | Great Sand Dun comp=Z,24nm,1.1s | 65.96 360 | P | P | 12 46 16.0 +0.8 |
| MGMO | Mountain Grove comp=Z,33nm,1.1s | 60.23 340 | I Amb | I Amb | 12 45 39.3 | 121A | Cookes Peak, D comp=Z,14nm,0.9s | 62.96 325 | I Amb | I Amb | 12 45 59.2 | E60A | Ste Adhe de baz=180 | 65.96 360 | P | P | 12 46 16.0 +0.8 |
| U38A | Gravette | 60.28 338 | P | I Amb | 12 45 37.7 -0.1 | ACCN | Acrondock Camp comp=Z,47nm,1.4s | 63.05 61 | I AMs_20 | I AMs_20 | 13 12 33.4 | E58A | La Victoria baz=178,SNR=6.2 | 66.02 0 | P | P | 12 46 16.4 +0.9 |
| O56A | Blue Knob Stat baz=172,SNR=13 | 60.28 353 | P | P | 12 45 39.0 +1.3 | MBO | M'Bour comp=Z,1um,18.0s | 63.08 356 | P | P | 12 45 57.8 +1.3 | E61A | Lac Etchemin baz=181 | 66.03 338 | P | P | 12 46 16.6 +0.8 |
| TUL1 | Leonard | 60.31 337 | P | P | 12 45 38.7 +0.7 | J56A | Wolcott baz=174 | 63.10 355 | P | P | 12 45 57.5 +0.9 | BGNE | Belgrade baz=152,SNR=7.3 | 66.03 338 | P | P | 12 46 16.2 +0.3 |
| TUL1 | Leonard | 60.31 337 | P | P | 12 45 38.3 +0.4 | J59A | Plesco baz=176,SNR=9.8 | 63.14 357 | P | P | 12 45 58.3 +1.4 | E63A | Oxbow baz=183 | 66.05 2 | P | P | 12 46 17.3 +1.5 |
| N61A | South Mountain baz=176 | 60.42 357 | P | P | 12 45 40.0 +1.5 | J57A | Williamstown baz=175,SNR=5.3 | 63.17 356 | P | P | 12 45 58.1 +1.0 | E64A | Bridgewater baz=183 | 66.06 2 | P | P | 12 46 17.2 +1.3 |
| WNOK | Wichita Mounta baz=150 | 60.46 334 | P | P | 12 45 39.6 +0.6 | J57A | Williamstown comp=Z,14nm,0.8s | 63.46 360 | P | P | 12 46 00.2 +1.3 | E62A | Clayton Lake baz=183 | 66.22 1 | P | P | 12 46 18.2 +1.4 |
| P49A | Miami Univ. Ec baz=165 | 60.52 348 | I Amb | I Amb | 12 45 39.7 | J57A | Williamstown | 63.18 354 | P | P | 12 45 56.7 +0.6 | E62A | Clayton Lake comp=Z,27nm,0.9s | 66.24 357 | P | P | 12 46 19.2 |
| P49A | Miami Univ. Ec comp=Z,31nm,1.1s | 60.52 348 | I Amb | I Amb | 12 45 39.7 | J55A | Hilton | 63.23 347 | P | P | 12 45 56.8 -0.7 | E56A | St. Veronique baz=176,SNR=9 | 66.24 357 | P | P | 12 46 18.0 +1.0 |
| O52A | Adamsville | 60.57 350 | P | I Amb | 12 45 39.6 0.0 | L46A | Eue Claire Hanover | 63.31 359 | I Amb | I Amb | 12 46 00.1 | X16A | Lo Mia Camp, P D60A | 66.30 324 66.50 360 | P | P | 12 46 19.3 +0.8 12 46 20.0 +1.3 |
| O52A | Adamsville | 60.57 350 | P | I Amb | 12 45 40.6 | I58A | comp=Z,31nm,1.1s Old Forge baz=176,SNR=7.2 | 63.39 357 | P | P | 12 45 59.5 +1.0 | S22A | 4UR Ranch, Cre baz=143 | 66.57 330 | P | P | 12 46 20.4 +0.7 |
| SSPA | Standing Stone baz=172 | 60.58 354 | P | P | 12 45 40.8 +1.2 | KSU1 | Kansas State U baz=153 | 63.44 338 | P | P | 12 45 59.3 +0.3 | D59A | Saint-Raymond baz=179 | 66.60 359 | P | P | 12 46 20.7 +1.4 |
| SSPA | Standing Stone | 60.58 354 | P | P | 12 45 40.8 +1.2 | KSU1 | Kansas State U comp=Z,14nm,0.8s | 63.44 338 | I Amb | I Amb | 12 45 60.0 | D63A | Stockholm baz=183 | 66.67 2 | P | P | 12 46 20.8 +1.1 |
| BELA | Belgrano 2 | 60.58 172 | P | P | 12 45 39.5 +0.7 | I60A | Shoreham baz=178,SNR=5.3 | 63.47 358 | P | P | 12 46 00.4 +1.4 | D62A | Allapoint, All D62A | 66.69 1 | I Amb | I Amb | 12 46 20.7 +0.9 12 46 21.9 |
| N60A | Cedar Hill Far baz=176 | 60.59 356 | P | P | 12 45 40.9 +1.2 | I61A | Oroboro, Fairl baz=179,SNR=7.6 | 63.53 359 | P | P | 12 46 01.1 +1.7 | D58A | Chemin du LacG baz=142,SNR=5.6 | 66.71 359 | P | P | 12 46 20.9 +0.9 |
| PAL | Palisades | 60.66 357 | P | P | 12 45 41.1 +0.9 | R32M | Barren Site Long Quarter, R32A | 63.62 327 63.62 336 | P | P | 12 46 01.9 +1.4 12 46 00.7 +0.5 | D56A | Mazancan, M baz=176 | 66.73 357 | P | P | 12 46 20.8 +0.7 |
| N57A | Milroy baz=177 | 60.66 354 | P | P | 12 45 41.3 +1.1 | NCB | Newcomb | 63.63 357 | P | P | 12 46 00.5 +0.3 | D55A | Sainte-Anne-du baz=175,SNR=8.7 | 66.77 331 | P | P | 12 46 21.0 +0.8 |
| N58A | Sunbury baz=174,SNR=5.3 | 60.67 355 | P | P | 12 45 41.5 +1.2 | I63A | Otisfield baz=180 | 63.64 0 | P | P | 12 46 01.6 +1.5 | Q24A | Divide baz=145,SNR=7.0 | 66.77 331 | P | P | 12 46 22.4 +1.4 |
| N59A | State Game Lan baz=175 | 60.68 356 | P | P | 12 45 42.0 +1.6 | I57A | Carthage baz=175,SNR=5.1 | 63.68 356 | P | P | 12 46 01.4 +1.0 | Q24A | Divide | 66.77 331 | P | I Amb | 12 46 21.4 +0.4 12 46 23.6 |
| OK030 | Cody Creek RV comp=Z,22nm,0.8s | 60.70 336 | I Amb | I Amb | 12 45 41.9 | LBNH | Lisbob baz=179 | 63.84 359 | P | P | 12 46 03.5 +2.0 | I37A | Lemond, Waseca I37A | 66.87 343 | P | I Amb | 12 46 21.2 +0.1 12 46 22.4 |
| CCM | Cathedral Cave baz=159 | 60.74 342 | P | P | 12 45 41.4 +0.6 | LBNH | Lisbob | 63.84 359 | I Amb | I Amb | 12 46 04.0 | MVCO | Mesa Verde baz=142,SNR=5.6 | 66.96 328 | P | P | 12 46 23.8 +1.6 |
| CCM | Cathedral Cave | 60.74 342 | P | pmax | 12 45 40.6 -0.2 | LBNH | Lisbob | 63.84 359 | I Amb | I Amb | 12 46 04.0 | LATO | Lu Tuque baz=178 | 66.99 359 | P | P | 12 46 23.1 +1.3 |
| CCM | Cathedral Cave | 60.74 342 | P | I Amb | 12 45 40.6 -0.2 | N38A | comp=Z,35nm,1.0s Joos South For | 63.86 341 | P | I Amb | 12 46 01.5 -0.2 12 46 02.7 | BATG | Bathurst New B comp=Z,20nm,0.9s | 67.01 4 | I Amb | I Amb | 12 46 23.8 |
| OK031 | S. Brethren Rd OK031 | 60.74 336 | P | I Amb | 12 45 40.6 -0.3 | H58A | Gabriels baz=177,SNR=8.6 | 64.08 357 | P | P | 12 46 04.1 +1.1 | OGNE | Ogalla baz=148 | 67.10 335 | P | P | 12 46 23.9 +1.2 |
| ACSO | Alum Creek Sta baz=167,SNR=6.5 | 60.88 349 | P | P | 12 45 42.0 +0.3 | H61A | Lyndville baz=179 | 64.13 359 | P | P | 12 46 04.8 +1.5 | WUAZ | Wupatki baz=139,SNR=12 | 67.16 325 | P | P | 12 46 25.7 +2.4 |
| ACSO | Alum Creek Sta comp=Z,36nm,1.0s | 60.88 349 | I Amb | I Amb | 12 45 42.6 | ANMO | Albuquerque baz=143 | 64.16 328 | ceP | pmax | 12 46 05.7 +1.6 | WUAZ | Wupatki | 67.16 325 | P | I Amb | 12 46 24.5 +1.1 12 46 26.8 |
| QUOK | Quay comp=Z,32nm,0.9s | 60.89 336 | I Amb | I Amb | 12 45 43.3 | ANMO | Albuquerque comp=Z,13nm,1.7s | 64.16 328 | P | P | 12 46 05.1 +1.1 | ESJX | Sierra Juarez baz=180 | 67.28 319 | I Amb | I Amb | 12 46 27.8 |
| N56A | West Decatur baz=172,SNR=6.1 | 60.90 354 | P | P | 12 45 42.9 +1.0 | H62A | Milan baz=180 | 64.16 360 | P | P | 12 46 05.2 +1.6 | ECSD | EROS Data Cent baz=154,SNR=15 | 67.58 340 | P | P | 12 46 25.8 +0.2 |
| Q44A | Meyer Farm, Va comp=Z,44nm,0.9s | 60.91 344 | I Amb | I Amb | 12 45 42.4 | WVL | Waterville comp=Z,1um,18.0s | 64.16 1 | I AMs_20 | I AMs_20 | 13 12 50.8 | ECSD | EROS Data Cent comp=Z,38nm,1.2s | 67.58 340 | I Amb | I Amb | 12 46 27.1 |
| M61A | Granite Spring baz=177 | 60.96 358 | P | P | 12 45 43.4 +1.2 | H57A | Richville baz=175,SNR=8.9 | 64.18 356 | P | P | 12 46 04.7 +1.0 | TAOE | Nuku Hiva Isla comp=Z,316nm,25.1s | 67.60 268 | eLR | LR | 13 06 38.0 |
| M60A | Port Jervis baz=177 | 61.02 357 | P | P | 12 45 43.6 +1.0 | H64A | Troy baz=182 | 64.25 1 | P | P | 12 46 05.7 +1.6 | CCX | Cicece comp=Z,847nm,18.0s | 67.63 319 | I AMs_20 | I AMs_20 | 13 09 44.3 |
| MNTX | Cornudas Moun baz=143,SNR=18 | 61.04 327 | P | P | 12 45 43.2 +0.2 | H63A | New Sharon baz=181 | 64.25 1 | P | P | 12 46 06.1 +2.0 | ISCO | Idaho Springs baz=145,SNR=11 | 67.66 332 | P | P | 12 46 28.2 +1.6 |
| MNTX | Cornudas Moun | 61.04 327 | P | P | 12 45 43.0 +0.5 | H59A | Cadyville baz=177,SNR=8.6 | 64.33 2 | P | P | 12 46 06.3 +1.7 | ISCO | Idaho Springs comp=Z,10nm,1.0s | 67.66 332 | P | pmax | 12 46 28.2 +1.6 |
| S39A | Bolivar | 61.05 340 | P | P | 12 45 43.0 0.0 | H65A | Eastbrook baz=180 | 64.33 2 | P | P | 12 46 06.3 +1.7 | ISCO | Idaho Springs P01 | 67.72 339 | P | P | 12 46 28.5 +1.5 |
| S39A | Bolivar | 61.05 340 | I Amb | I Amb | 12 45 44.2 | CBKs | Cedar Bluff baz=150,SNR=8.5 | 64.36 335 | P | P | 12 46 06.3 +1.2 | SMCO | Snowmass Marine on St. | 67.78 330 67.82 343 | P | P | 12 46 29.0 +1.5 12 46 27.6 +0.5 |

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TUWZ Tuamarina, HHSZ Highchiff Hill, NNZ Nelson, etc.

PRU 12 13:41:13.4:0.0,5018N,19.16E,h0km,Poland. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

BUD 12 13:41:30.2,48.30N,19.74E,h0km,999km,ML1.5/1, Suspected Mining explosion.

KRSZO 12 13:41:30.5:1.2,48.31N:19.80E,h0km,ML1.5, Error ellipse: s-maj=6.2km s-min=4.8km az=27.0,Explosion., Czech and Slovak Republics

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSZ Piszkesteto, KECS Kecovo, etc.

WEL 12 13:51:34.2,44.51N,17.2E,h8km,2km,M2.1/8,ML2.2/8, az=130.6, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RACZ Rakaia, MOZ McQueen's Vall, etc.

DJA 12 13:58:26.8:0.3,7.5S,3.11E,h10km,M3.4/9,ML3.3/4/9, WBZ Wahianga, h86km,55km,mb3.1/4, Error ellipse: s-maj=118.4km s-min=19.1km az=50.0

ISC 12 13:58:26.0:1.7,7.23S,0.107E,0.03,h2km,12km, n15,09/27,mb3.5,Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SMRI Semarang, UGM Wanagama, etc.

IDC 12 14:03:48.1:1.9,6.61S:128.34E,h0km,mb3.5/1, mb1 3.7/3,mb1mx3.4/9,mbtm3.5/3,ML3.5/2, Error ellipse: s-maj=113.7km s-min=30.6km az=66.0,Banda Sea

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

IDC 12 14:04:11.5:1.5,3.85N:126.00E,h0km,mb3.6/4, mb1 3.9/4,mb1mx3.4/5,mbtm3.7/4, Error ellipse: s-maj=125.5km s-min=18.7km az=69.0,Talau Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 12 14:15:05.3:2.0,5.08S:152.07E,h69km,19km,mb3.2/3, mb1 3.5/3,mb1mx3.2/36,mbtm3.3/3, Error ellipse: s-maj=46.7km s-min=19.2km az=130.0,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, etc.

WEL 12 14:15:33.5,44.51N,17.19E,h8km,1km,M2.3/12, ML2.4/11,MLV2.3/12, Error ellipse: s-maj=0.0km s-min=0.0km az=163.4, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MHCZ Mount Hutt, RACZ Rakaia, etc.

PRU 12 14:15:37.5:0.0,51.45N:15.60E,h0km,?,Poland. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

DNK 12 14:15:55.8:2.7,58.24N:5.73E,h15km,59km,ML1.9 BER 12 14:16:02.5:2.0,58.36N:6.46E,h0km,ML1.5,1C, Explosion,Southern Norway

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SNART comp=Z,10nm,0.4s, KMY Karmoy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ODD1 Odda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KONO Kongsberg, ASK Askoy, etc.

IDC 12 14:24:51.5:0.6,29.01S:178.33W,h219km,6km,mb3.4/5, mb1 3.6/8,mb1mx3.2/29,mbtm3.4/1.8, Error ellipse: s-maj=26.3km s-min=21.2km az=152.0

ISC 12 14:24:51.4:0.9,29.13S:178.3W,0.2,h231km,n17, 0.193S,118,mb3.9/5,Kermadec Islands

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, etc.

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

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

WEL 12 14:36:24.0:1.1,38.8S,9.180E,h33km,M3.3/20, ML3.5/20,MLV3.3/20, Error ellipse: s-maj=0.0km s-min=0.0km az=33.1, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RIGZ Rimuhau, PRGZ Paritu Road, MWZ Matawai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRN TRN 15:07:51.7, TRN TRN 15:07:53.1, etc.

IDC 12 15:01:10.4:2.7, 6:12N, 125:64E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/43, mbmtmp3.3/7, Error ellipse: s-maj=244.6km s-min=27.2km az=65.0, Mindanao

WEL 12 15:06:36.1, 44°S, 172°E, h8km, 2km, M2.5/1/3, ML2.6/12, MLV2.5/13, Error ellipse: s-maj=0.0km s-min=0.0km az=137.5, South Island

TRN 12 15:07:51.7, 10:61N, 62:46W, h90km, MD3.8, IDC 12 15:07:53.1, 2.8, 10:39N, 62:73W, h119km, 36km, mb3.3/6, mb1 3.7/7, mb1mx3.4/38, mbmtmp3.1/7, Error ellipse: s-maj=60.5km s-min=18.7km az=29.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RACZ Rakaia, OXZ Oxford, AKCZ Akaroa Harbour, etc.

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

SKO 12 15:04:05.2, 40:75N, 22:34E, h6km, ATH 12 15:04:07.3, 40:85N, 22:39E, h21km, 3km, ML2.4/11, Error ellipse: s-maj=3.1km s-min=0.8km az=130.0

NEIC 12 15:07:07.2:1.1, 55:71S, 0:08, 2:0W, 0.2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=19.1km s-min=12.9km az=102.0

IDC 12 15:07:51.7, 10:61N, 62:46W, h90km, MD3.8, IDC 12 15:07:53.1, 2.8, 10:39N, 62:73W, h119km, 36km, mb3.3/6, mb1 3.7/7, mb1mx3.4/38, mbmtmp3.1/7, Error ellipse: s-maj=60.5km s-min=18.7km az=29.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, SNAAS Sanae, BELA Belgrano 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR Lailias Array, PDAR Pinedale Array, YKA Yellowknife Ar, etc.

THE 12 15:04:09.8, 40:88N, 22:37E, h4km, 1km, ML2.5/11, Error ellipse: s-maj=1.9km s-min=0.7km az=335.0

NEIC 12 15:07:07.2:1.1, 55:71S, 0:08, 2:0W, 0.2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=19.1km s-min=12.9km az=102.0

IDC 12 15:07:51.7, 10:61N, 62:46W, h90km, MD3.8, IDC 12 15:07:53.1, 2.8, 10:39N, 62:73W, h119km, 36km, mb3.3/6, mb1 3.7/7, mb1mx3.4/38, mbmtmp3.1/7, Error ellipse: s-maj=60.5km s-min=18.7km az=29.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAW Mawson, MAW Mawson, AC04 Llanos de Chal, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA02 Huaiquique, PSGC Pisagua, PSGC Pisagua, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR99, H10N3 ASCENSION HYDR99, H10N2 ASCENSION HYDR99, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

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

RSNC 12 17:02:36.7z, 1.6:83N:73.17W, h146km, 6km, ML3.6, Mw3.8, Fault plane solution: N1P1, 19.000000, 559.000000, 14.000000

IDC 12 17:02:36.0z, 0.7:6.78N:72.93W, h175km, 9km, mb2.7/2, mb1.3, 4.4, mb1mx3.0/45, mbtrmp3.6/4, Error ellipse: s-maj=34.6km s-min=7.6km az=131.0

ISC 12 17:02:34.0z, 0.9:6.84N:0.03:73.12W, 0.04, h161km, 6km, n45, c158/81, 13C-8D, Northern Colombia

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

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

ECX 12 17:06:42.7z, 0.7:31.22N:115.89W, h6km, 2km, MD2.3, ML2.6

MEX 12 17:06:43.0z, 0.3:31.08N:115.90W, h20km, 999km, MD3.5

ISC 12 17:06:41.6z, 1.3:31.22N:115.93W, 0.06, h8km, 11km, n11, c073/22, 4C-1D, Baja California

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

SKO 12 17:33:28.6z, 40.86N:22.39E, h8km

THE 12 17:33:29.8z, 40.86N:22.41E, h0km, 1km, ML2.8/15, Error ellipse: s-maj=1.8km s-min=0.5km az=308.0

SOF 12 17:33:29.1z, 41.09N:22.30E, h10km, MD2.7

ATH 12 17:33:29.4z, 40.84N:22.40E, h19km, 3km, ML2.7/12, Error ellipse: s-maj=3.0km s-min=0.9km az=79.0

BE0 12 17:33:21.0z, 0.5:40.96N:22.38E, h0km, 4km, ML2.7/5

ISC 12 17:33:29.4z, 0.9:40.86N:0.02:22.38E, 0.02, h6km, 7km, n71, c0573/10, 10C-5D, Greece

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

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

ISK 12 17:45:27.8z, 38.91N:26.28E, h5km, ML2.9/16

DDA 12 17:45:28.5z, 38.89N:26.25E, h8km, ML2.5

ATH 12 17:45:28.6z, 38.89N:26.26E, h9km, 5km, ML2.5/3, Error ellipse: s-maj=5.4km s-min=1.1km az=270.0

THE 12 17:45:29.0z, 38.91N:26.24E, h15km, 1km, ML2.5/5, Error ellipse: s-maj=2.1km s-min=0.8km az=262.0

ISC 12 17:45:28.4z, 1.0:38.91N:0.02:26.29E, 0.02, h9km, 9km, n48, c064/74, Aegean Sea

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

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 597 region.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for stations in the 597 region.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2014 DEC region.

IDC 12 18:17:37.8:0.9,54:79N:165:81E,h0km,mb3.4/7, m01 3.0/9, mb1mx3.5/39, mbtrmp3.9/g, ML3.6/2, MS3.4/1, m01 3.4/1, ms1mx2.6/28, Error ellipse: s-maj=33.3km s-min=17.1km az=161.0

KRSC 12 18:17:37.7:1.7,54:86N:165:61E,h32km,11km,ML4.1 MOS 12 18:17:40.1:0.6,54:91N:165:73E,h34km,mb4.4/2, Error ellipse: s-maj=7.5km s-min=5.8km az=157.9 NEIC 12 18:17:40.6:1.8,54:3N:0:2:166:22E:0:06,h31km,7km, mb4.6/15, Error ellipse: s-maj=25.6km s-min=4.4km az=185.0

ISC 12 18:17:39.6:0.6,54:92N:0:04:165:68E:0:05,h10km,n129, e172/143,mb4.1/15,Komandorski Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for stations in the Komandorski Islands region.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 12d 19h region.

PAS 12 19:08:31.4:1.0,34:05N:0:02:116:98W:0:02,h16km,3km, ML3.0/123, Error ellipse: s-maj=3.2km s-min=1.7km az=189.0

NEIC 12 19:08:30.9:1.2,34:03N:0:02:116:98W:0:03,h20km,1km, Error ellipse: s-maj=3.6km s-min=2.8km az=145.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual for stations in the Southern California region.

12d 20h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like Port Moresby, Nuku Hiva, QLP, MTSU, TOOLANGI, etc.

2014 DEC

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like SOEI, TNTI, PSAD2, PSAC2, etc.

600

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, SNR, and other parameters. Includes stations like KKM, JSD, ATKA, GSPA, etc.

601

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ISA, Pangkal Pinang, Columbia Colle, Pinyon Flats O, etc.

2014 DEC

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like R11A Troy Canyon, E03A Lebam, MYKOM Kota Tinggi, etc.

12d 20h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MAW Mawson, MAW Dugway, SML Sawmill, etc.

12d 20h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like 020A White River Ci, ILAR Eielson Array, etc.

2014 DEC

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KMI comp=Z,200nm,8.0s, KMI comp=Z,170nm,6.8s, etc.

602

Table with columns for station ID, name, coordinates, and various data points. Includes stations like ULM comp=Z,5.0nm,1.0s, ULM comp=Z,1.1nm,0.7s, etc.

| Code | Station Name | Δ AZ | Phase ID | Time | Res |
|------|--------------------------------------------|------------|----------|------------|------|
| NRCA | Anoyia | 155.10 315 | PKPab | 20 42 16.7 | +0.7 |
| IDI | comp=Z,14nm,0.8s,baz=45,slow=9,SNR=2.5 | | PKPab | 20 42 52.5 | +1.6 |
| IDI | comp=Z,18nm,0.6s,baz=352,slow=7.1,SNR=1.9 | | PKPab | 20 42 01.9 | |
| IDI | comp=Z,13nm,0.5s,baz=75,slow=12,SNR=6.3 | | PKPab | 20 42 17.4 | +0.2 |
| AQU | L'Aquila | 155.26 342 | iP | 20 42 17.6 | +0.1 |
| PCAB | Cabrita | 155.31 21 | ePKPab | 20 42 18.7 | +0.9 |
| PRCR | Braganca | 155.64 19 | ePKPab | 20 42 19.9 | +0.7 |
| POLO | Lamas de Olo | 155.69 21 | ePKPab | 20 42 20.4 | +0.9 |
| MVO | Moncorvo | 156.13 20 | ePKPab | 20 41 53.6 | +1.5 |
| MVO | Moncorvo | 156.13 20 | ePKPab | 20 42 22.4 | +1.0 |
| PVIS | Viseu | 156.24 22 | ePKPab | 20 42 23.3 | +0.5 |
| PCAS | Casimil, Conde | 156.60 24 | ePKPab | 20 42 22.8 | +0.5 |
| MTE | Manteigas | 156.64 22 | ePKPab | 20 42 23.7 | +0.1 |
| TIP | Timpa grande | 156.86 333 | iP | 20 41 54.2 | +1.1 |
| PSBE | Su Bento | 156.95 25 | ePKPab | 20 42 25.6 | +0.7 |
| PCBR | Castelo Branco | 157.16 22 | ePKPab | 20 41 54.6 | +1.2 |
| PCBR | Castelo Branco | 157.16 22 | ePKPab | 20 42 25.7 | 0.0 |
| PMTG | Montargil | 157.56 25 | ePKPab | 20 42 23.7 | +0.9 |
| PMTG | Montargil | 157.56 25 | ePKPab | 20 42 27.7 | +0.2 |
| PMRV | Marv??o | 157.56 23 | ePKPab | 20 42 28.4 | +0.9 |
| EVO | Evora | 158.10 25 | ePKPab | 20 41 56.6 | +2.0 |
| EVO | Evora | 158.10 25 | ePKPab | 20 42 30.6 | +0.7 |
| PNCL | Nicolau / Gran | 158.26 26 | ePKPab | 20 41 54.0 | -0.7 |
| PNCL | Nicolau / Gran | 158.26 26 | ePKPab | 20 42 31.1 | +0.6 |
| ESDC | Sonsecia Array | 158.41 16 | PKP | 20 41 56.0 | +1.0 |
| ESDC | comp=Z,4.1nm,0.8s,baz=345,slow=2.7,SNR=19 | | PKPab | 20 42 31.6 | +0.4 |
| ESDC | comp=Z,1.9nm,1.0s,baz=331,slow=4.3,SNR=24 | | PKPab | 20 42 31.5 | +0.3 |
| ESDC | comp=Z,1.6nm,0.7s,baz=325,slow=6.3,SNR=4.6 | | PKPab | 20 46 06.7 | -4.9 |
| ESDC | Sonsecia Array | 158.41 16 | PKP | 20 41 53.3 | -1.7 |
| ESDC | San Pablo | 158.42 17 | PKP | 20 42 31.8 | +0.5 |
| PAB | San Pablo | 158.42 17 | PKP | 20 41 56.3 | +1.2 |
| PAB | San Pablo | 158.42 17 | PKP | 20 42 31.8 | +0.5 |
| PCVE | Castro Verde | 158.86 26 | ePKPab | 20 42 33.8 | +0.6 |
| PVAG | Vaqueiros | 159.19 26 | ePKPab | 20 42 35.7 | +1.1 |
| KEST | Kesra | 162.56 44 | PKP | 20 42 00.2 | +0.6 |
| KEST | comp=Z,6.3nm,0.9s,baz=247,slow=4.6,SNR=4.4 | | PKPab | 20 42 49.9 | +0.4 |
| MDT | Midelt | 164.43 26 | PKP | 20 42 03.1 | +1.6 |
| MDT | comp=Z,13nm,0.9s,baz=539,slow=2.7,SNR=15 | | PKPab | 20 42 58.6 | +0.8 |
| LIC | Lamto | 164.81 146 | ePKIKP | 20 42 01.3 | -0.9 |
| LIC | comp=Z,108nm,1.1s | | PKPab | 20 43 00.8 | +1.0 |
| LIC | Lamto | 164.81 146 | ePKP2 | 20 42 01.6 | -0.9 |
| KIC | Kosan Boka | 165.07 146 | ePKIKP | 20 42 01.6 | -0.9 |
| KIC | comp=Z,45nm,0.9s | | PKPab | 20 43 02.0 | +1.0 |
| TIC | Toumodi | 165.16 145 | ePKIKP | 20 42 02.1 | -0.5 |
| TIC | Toumodi | 165.16 145 | ePKP2 | 20 43 02.3 | +0.9 |
| DBIC | Dimbokro | 165.27 145 | PKP | 20 42 02.9 | +0.3 |
| DBIC | comp=Z,24nm,1.1s,baz=173,slow=2.4,SNR=16 | | PKPab | 20 43 03.0 | +1.2 |
| KOWA | Kowa | 171.49 121 | PKP | 20 42 06.6 | -0.1 |
| KOWA | comp=Z,8.4nm,0.7s,baz=185,slow=1.0,SNR=25 | | PKPab | 20 43 30.6 | +1.0 |
| KOWA | Kowa | 171.49 121 | PKP | 20 42 05.5 | -1.1 |
| KOWA | comp=Z,12nm,1.0s,baz=240,slow=5.8,SNR=7.7 | | PKPab | 20 43 25.3 | +1.0 |
| TOAO | Torodi Ar. Sit | 173.92 163 | PKP | 20 43 26.1 | +0.6 |
| TOAO | comp=Z,17nm,1.1s,baz=331,slow=1.5,SNR=51 | | PKPab | 20 44 57.4 | +4.1 |
| TOAO | Torodi Ar. Bea | 173.92 163 | PKP | 20 42 31.6 | +0.6 |
| TOAO | comp=Z,9.1nm,0.7s,baz=169,slow=4.4,SNR=16 | | PKPab | 20 42 07.2 | -0.5 |
| TORD | Torodi Ar. Bea | 173.92 163 | PKP | 20 43 42.2 | +2.3 |
| TORD | comp=Z,7.7nm,0.8s,baz=209,slow=5.2,SNR=5.3 | | PKPab | 20 47 03.0 | +2.0 |
| TORD | Torodi Ar. Bea | 173.92 163 | PKP | 20 42 06.7 | -1.0 |
| TORD | comp=Z,7.7nm,0.8s,baz=209,slow=5.2,SNR=5.3 | | PKPab | 20 43 26.1 | +0.6 |
| TORD | Torodi Ar. Bea | 173.92 163 | PKP | 20 44 57.4 | +4.1 |
| TORD | Torodi Ar. Bea | 173.92 163 | PKP | 20 47 31.4 | +0.5 |
| TAM | Tamanrasset | 175.79 334 | PKP2 | 20 43 48.6 | +0.2 |
| TAM | Tamanrasset | 175.79 334 | PKP2 | 21 42 07.7 | |
| TAM | Tamanrasset | 175.79 334 | PKP | 21 47 37.7 | -0.5 |
| TAM | Tamanrasset | 175.79 334 | PKP | 20 43 27.5 | +1.5 |
| TAM | Tamanrasset | 175.79 334 | PKP | 20 43 48.6 | +0.2 |
| TAM | Tamanrasset | 175.79 334 | PKP | 20 47 37.0 | -3.4 |

| Code | Station Name | Δ AZ | Phase ID | Time | Res |
|-----------------------------------------------------------|----------------|----------|----------|------------|------|
| mas5.2/204,mb_Lg5.2(TEH) | | | | | |
| ms-min=7.6km az=142.0 | | | | | |
| Gll 12 20:45:40.5:0.0,30.45N:50.48E,h3km | | | | | |
| MOS 12 20:45:41.5:1.0,30.50N:50.48E,h26km,mb5.2/44, | | | | | |
| MS4.2/12,Error ellipse: s-maj=4.2km s-min=3.1km | | | | | |
| az=95.8 | | | | | |
| THR 12 20:45:42.3:0.4,30.56N:50.55E,h14km,ML5.3 | | | | | |
| DSN 12 20:45:42.7:1.0,30.35N:50.62E,h10km,ML5.4/11,Error | | | | | |
| ellipse: s-maj=20.3km s-min=9.9km az=41.0 | | | | | |
| TEH 12 20:45:42.1,30.47N:50.48E,h18km,ML5.1 | | | | | |
| IDC 12 20:45:43.8:1.4,30.53N:50.52E,h29km,mb4.7/47, | | | | | |
| mb1.4/75/4,mb1mx2.7/5,mbmp4.9/4,ML4.3/24,3/24, | | | | | |
| Ms1 4.3/24,ms1mx0.4/9,Error ellipse: s-maj=8.9km | | | | | |
| s-min=8.0km az=10.0 | | | | | |
| BGR 12 20:45:45.1:0.0,30.74N:50.63E,h33km,mb5.2,Ms3.9 | | | | | |
| OMAN 12 20:45:47.5:1.3,30.72N:50.96E,h10km,mb6.4/24, | | | | | |
| ms3.9/2,Error ellipse: s-maj=15.2km s-min=11.0km | | | | | |
| ISC 12 20:45:43.2:0.7,30.48N:0.003:50.54E:0.03,h27km,4km, | | | | | |
| n950,ε1938/1024,mb5.2/292,MS4.5/38,57C-36D | | | | | |
| Northern and central Az | | | | | |
| Code | Station Name | Δ AZ | Phase ID | Time | Res |
| KAZI | Kazerun | 1.28 132 | eSg | 20 46 24.8 | +1.9 |
| KAZI | Kazerun | 1.28 132 | eSg | 20 46 09.9 | +0.1 |
| AHBU | AHRAM | 1.74 158 | eP | 20 46 15.1 | +0.5 |
| AHWZ | Ahwaz | 1.08 298 | eP | 20 46 15.3 | -0.8 |
| SHKI | Shahrekor | 1.86 9 | eP | 20 46 15.3 | -1.5 |
| SHKI | Shahrekor | 1.86 9 | eP | 20 46 44.1 | |
| SHI | Shiraz | 1.91 116 | ePn | 20 46 16.4 | -1.1 |
| SHI | Shiraz | 1.91 116 | ePn | 20 47 00.9 | |
| IRAM | Ramesheh | 2.06 50 | ePn | 20 46 18.5 | -1.6 |
| IRAM | Ramesheh | 2.06 50 | ePn | 20 46 34.5 | -2.2 |
| SHGR | Shooshtar-Gavs | 2.20 318 | ePn | 20 46 19.5 | +1.5 |
| SHGR | Shooshtar-Gavs | 2.20 318 | ePn | 20 46 49.9 | +0.7 |
| SHGR | Shooshtar-Gavs | 2.20 318 | ePn | 20 47 02.7 | |
| SHGR | Shooshtar-Gavs | 2.20 318 | ePn | 20 46 19.5 | +1.5 |
| IPIR | Pirpir | 2.21 8 | ePn | 20 46 20.3 | +1.8 |
| IPIR | Pirpir | 2.21 8 | ePn | 20 46 54.0 | |
| IGAR | Gharneh | 2.31 34 | ePn | 20 46 22.2 | -2.1 |
| IGAR | Gharneh | 2.31 34 | ePn | 20 46 58.0 | |
| IGAR | Gharneh | 2.31 34 | ePn | 20 46 21.9 | +2.2 |
| IZEF | Zefreh | 2.85 32 | ePn | 20 46 34.5 | -2.2 |
| IZEF | Zefreh | 2.85 32 | ePn | 20 46 36.8 | |
| IKLH | Kolahrood | 2.96 17 | ePn | 20 46 30.8 | +2.0 |
| IKLH | Kolahrood | 2.96 17 | ePn | 20 47 21.8 | |
| IKLH | Kolahrood | 2.96 17 | ePn | 20 46 30.6 | +1.8 |
| QIR | Qir | 2.96 132 | ePn | 20 46 22.9 | +1.3 |
| QIR1 | Qir | 2.96 132 | ePn | 20 46 42.7 | |
| ISAD | Sadrabad | 3.05 61 | ePn | 20 46 32.7 | +2.7 |
| ISAD | Sadrabad | 3.05 61 | ePn | 20 46 40.7 | |
| KHMZ | Khomeyn | 3.28 352 | ePn | 20 46 34.7 | +1.6 |
| KHMZ | Khomeyn | 3.28 352 | ePn | 20 46 34.7 | +1.6 |
| KHMZ | Khomeyn | 3.28 352 | ePn | 20 46 34.7 | +1.6 |
| JHRM | Jahrom | 3.30 126 | ePn | 20 47 20.9 | |
| JHRM | Jahrom | 3.30 126 | ePn | 20 47 20.9 | |
| QAM | Ghamsar | 3.36 13 | ePn | 20 46 36.3 | +2.2 |
| IKMR | Kamar-syah | 3.54 329 | ePn | 20 46 37.2 | +0.8 |
| IKMR | Kamar-syah | 3.54 329 | ePn | 20 46 40.1 | +2.4 |
| IMEH | Mehriz | 3.62 74 | ePn | 20 47 28.3 | |
| IMEH | Mehriz | 3.62 74 | ePn | 20 48 11.0 | +1.8 |
| KRSH | Karshahi | 3.73 21 | ePn | 20 46 41.6 | +2.1 |
| KRSH | Karshahi | 3.73 21 | ePn | 20 46 41.6 | +2.1 |
| IKCH | Chekehek | 3.75 61 | ePn | 20 46 40.8 | +0.8 |
| IKCH | Chekehek | 3.75 61 | ePn | 20 46 42.3 | +1.7 |
| ANAR | Anarak | 3.83 44 | ePn | 20 46 43.1 | +1.8 |
| LAMD1 | Lamer | 3.89 143 | ePn | 20 46 43.1 | +1.8 |
| LAMD1 | Lamer | 3.89 143 | ePn | 20 46 43.1 | +1.8 |
| YZKH | Yazd | 3.95 60 | ePn | 20 46 44.1 | +2.0 |
| YZKH | Yazd | 3.95 60 | ePn | 20 46 44.2 | +2.0 |
| GHVR | GHOM | 4.04 9 | ePn | 20 46 44.8 | +1.4 |
| GHVR | GHOM | 4.04 9 | ePn | 20 46 44.8 | +1.4 |
| HSAM | Samen | 4.06 337 | ePn | 20 46 45.5 | +1.6 |
| HSAM | Samen | 4.06 337 | ePn | 20 46 45.7 | +1.6 |
| ASAO | Ashtian | 4.08 354 | ePn | 20 46 45.7 | +1.6 |
| IQOM | Qom | 4.37 6 | ePn | 20 46 49.5 | +1.4 |
| LARI | LAR | 4.38 129 | ePn | 20 46 48.6 | +0.6 |
| LARI | LAR | 4.38 129 | ePn | 20 48 17.1 | |
| IBAF | Bafq | 4.46 74 | ePn | 20 46 51.1 | +1.9 |
| IKOM | Komasi | 4.48 326 | ePn | 20 46 51.7 | +1.1 |
| IBZA | Bozab | 4.57 331 | ePn | 20 46 51.4 | +0.5 |
| IVRN | Varamin | 4.61 12 | ePn | 20 46 53.0 | +1.8 |
| IAML | Almabaf | 4.80 336 | ePn | 20 46 54.7 | +1.0 |
| KCHF | Cheshme Sefid, | 4.80 323 | ePn | 20 46 54.1 | +0.1 |
| KEB | Kermanshah | 4.84 324 | ePn | 20 46 55.7 | +1.2 |
| IRAZ | Razeghan | 4.93 354 | ePn | 20 46 56.8 | +1.0 |
| IRBS | Hasanabad | 4.98 7 | ePn | 20 46 57.8 | +1.4 |
| IVIS | Veis | 5.09 323 | ePn | 20 46 58.1 | +0.2 |
| IGHG | Ghaleghazi | 5.10 320 | ePn | 20 46 59.1 | +1.0 |
| IGHG | Ghaleghazi | 5.10 320 | ePn | 20 46 58.5 | +0.5 |
| HSRG | Saragah | 5.11 339 | ePn | 20 47 03.3 | +1.4 |
| KHGB | Koh Gabri | 5.13 90 | ePn | 20 47 00.3 | +1.7 |
| IMHD | Mahdasht | 5.19 1 | ePn | 20 47 00.4 | +1.2 |
| IDMV | Damavand | 5.23 13 | ePn | 20 47 01.3 | +1.3 |
| QABG | Abgarm-Gazvin | 5.27 352 | ePn | 20 47 00.6 | +0.1 |
| TEH | Teheran | 5.28 7 | ePn | 20 47 02.2 | +2.1 |
| ILAS | Lasjerd | 5.29 22 | ePn | 20 47 02.2 | +1.4 |
| ILIN | Lien | 5.35 327 | ePn | 20 47 01.7 | +0.1 |
| KRBR | Kerman | 5.41 94 | ePn | 20 47 04.8 | +2.4 |
| KRBR | Kerman | 5.41 94 | ePn | 20 48 09.1 | |
| KRBR | Kerman | 5.41 94 | ePn | 20 47 04.8 | +2.4 |
| KRBR | Kerman | 5.41 94 | ePn | 20 47 04.4 | +1.9 |
| NGRK | Negar Kerman | 5.43 97 | ePn | 20 47 04.4 | |

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/N, SNR, SNR=14, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/N, SNR, SNR=14, etc.).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., S/N, SNR, SNR=14, etc.).

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TAM, GTA, SKAR, ARAO, ARCES, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CM35, CM36, WPS, SONM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BJI, BJT, RPSI, etc.

Table with columns: Station, Name, Az, El, P, R, Time, Res, ISC. Includes stations like BOS, MSHR, USA0B, etc.

Table with columns: Station, Name, Az, El, P, R, Time, Res, ISC. Includes stations like POKR, MDM, TCOL, COLA, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like BBOO, STKA, KRJI, etc.

NEIC 12-20:59:06.6:1.0, 43:77N:0:05:105:23W:0:03, h0km, z2km, ML2:276, Error ellipse: s-maj=9.4km s-min=3.1km az=336.0

IDC 12-20:59:06.5:1.8, 43:99N:105:59W, h0km, mb1 3/6, mb1mx3.4/48, mbtmp3.4/4, ML3.3/4, Error ellipse: s-maj=71.4km s-min=8.5km az=147.0

ISC 12-20:59:06.5:1.1, 43:79N:0:06:105:22W:0:06, h0km, n59, o065/59, Wyoming

IDC 12-20:49:52.0:2.6, 6:65S: 129:57E, h128km, z1km, mb3.5/5, mb1 3.7/9, mb1mx3.4/46, mbtmp4.1/9, Error ellipse: s-maj=56.3km s-min=16.9km az=82.0

NEIC 12-20:49:55.7:2.0, 6:57S:0:07:129:7E:0:1, h168km, l0km, mb4.3/14, Error ellipse: s-maj=16.7km s-min=10.0km az=103.0

ISC 12-20:49:53.4:0.6, 6:65S: 105:129.89E:0:10, h150km, n38, z2:15/40, mb4.1/11, Banda Sea

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like SAUI, FAKI, SIJI, etc.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res, ISC. Includes stations like RSSD, K22A, K22A, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMUT Trail Mountain, PV05 Paradox Valley, ELK Elko, etc.

NEIC 12 21:05:07.5:2.6, 41.81N:0.03:1.0:65W:0.4, h0km, 2km, ML2.6/10.8, Error ellipse: s-maj=7.1km s-min=3.0km az=132.0

ISC 12 21:05:04.7:0.9, 41.68N:0.03:1.10:47W:0.03, h0km, m62, a149/62, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWUT Hardware Ranch, TCUT Toone Canyon, AHID Auburn Hatcher, etc.

NEIC 12 20:59:08.2:7.29:3S:0.1:178.7W:0.1, h12.2km, 4km, mb4.2/17, Error ellipse: s-maj=18.9km s-min=13.8km az=120.0

ISC 12 20:59:09.4:0.6, 29.12S:178.71W, h21.1km, 6km, mb3.5/8, mb1.3/7.8, mb1mx3.5/4.1, mbmp4.1/6, Error ellipse: s-maj=22.1km s-min=17.2km az=170

ISC 12 20:59:08.6:0.5, 29.84S:178.71W:0.09, h200km, n79, c245/87, mb4.1/15, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RIZ Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO 350nm, 0.3s, baz=90, slow=20, SNR=2.9, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ He Kaha, PKGZ Pakihiroa, PUKZ Puketiti, etc.

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

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

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

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

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

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

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

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

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

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

ISC 12 21:05:05.3:2.1, 41.61N:1.10:20W, h0km, mb3.6/1, mb1.3/4.3, mb1mx3.2/4.3, mbmp3.0/3.0, ML2.3/2, Error

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ellipse: s-maj=52.2km s-min=11.8km az=137.0 NEIC 12 21:05:07.5:2.6, 41.81N:0.03:1.0:65W:0.4, h0km, 2km, ML2.6/10.8, Error ellipse: s-maj=7.1km s-min=3.0km az=132.0

ISC 12 21:05:04.7:0.9, 41.68N:0.03:1.10:47W:0.03, h0km, m62, a149/62, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWUT Hardware Ranch, TCUT Toone Canyon, AHID Auburn Hatcher, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, RDMU Red Mountain, JLU Jordanelle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTU Camp Tracy, SPUT South Promont, ECCR Ecker Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like REDW Red Top Meadow, REDW Red Top Meadow, REDW Red Top Meadow, etc.

ISC 12 21:08:09.7:1.9, 12.55N:96.01E, h0km, mb3.6/4, mb1.3/7.5, mb1mx3.4/3.9, mbmp3.5/5, ML3.1/1, Error ellipse: s-maj=77.5km s-min=21.8km az=65.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, PSUT Pine Spring, MKAR Makanchi Array, etc.

6.6m, 0.7s, baz=308, slow=7.2, SNR=7.4

NEIC 12 21:26:49.3:1.7, 15.0S:0.1:177.56W:0.09, h351km, 6km, mb4.5/101, Error ellipse: s-maj=15.2km s-min=11.8km az=153.0

ISC 12 21:26:53.6:2.5, 14.83S:177.80W, h382km, 25km, mb3.7/14, mb1.3/9.15, mb1mx3.7/3.9, mbmp4.4/15, Error ellipse: s-maj=18.8km s-min=10.2km az=136.0

ISC 12 21:26:49.5:0.3, 14.93S:0.07:177.51W:0.06, h350km, n203, r192/195, mb4.4/65, 10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, KANTN Kanton, SANUV Sarauoutu, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OUZ Omahuta, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ Waionmatatini S, HAZ He Kaha, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUGZ Rukumarara Rang, TGRZ Taurang, TWGZ Tauwhareparea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMRZ Kaimai, URZ Urewera, URZ Urewera, etc.

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

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

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

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

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

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

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

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

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

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

12d 21h

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| Code | Station Name | Δ° | AZ° | Phase | ID | Time | Res | TYC | baz=31 | eS | Sn | 21 50 47.6 +0.3 | NACB | Ninganchiao | 1.36 | 48 | eP | Pg | 21 50 45.9 -0.5 | | |
|-------|----------------|------|-----|-------|-----|------------|------|------|----------------|------|-----|-----------------|------|-----------------|------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | | | | h m s | ISC | | | | | | | | | | | | | | |
| TWK | Hsinying | 0.01 | 308 | Op | ISC | 21 50 22.1 | -0.3 | SMLT | Sun Moon Lake | 0.72 | 31 | Op | Pn | 21 50 35.6 -0.8 | NACB | baz=50 | eS | Sg | 21 51 04.9 +0.9 | | |
| SNST | Tainan City | 0.04 | 176 | Op | Pg | 21 50 21.8 | -0.6 | SMLT | baz=34 | eS | Sn | 21 50 47.2 -0.3 | NACB | baz=50 | eS | Pn | Pg | 21 50 46.1 -0.2 | Sg | 21 51 05.8 +1.8 | |
| CHN1 | Nanshi | 0.08 | 158 | Op | Pg | 21 50 22.9 | -0.6 | FULB | Fuli | 0.74 | 95 | Op | Pn | 21 50 35.9 -0.7 | NNSB | Datong | 1.42 | 35 | eP | Pg | 21 50 46.7 -0.8 |
| CHN1 | baz=117 | | | S | Sg | 21 50 22.9 | -1.1 | FULB | baz=83 | eS | Sn | 21 50 47.6 -0.1 | NNSB | baz=26 | eS | Sg | Pg | 21 51 06.8 +0.9 | | | |
| CHN1 | baz=132 | | | S | Sg | 21 50 24.6 | -0.2 | TWF1 | Yuli | 0.74 | 83 | P | Pn | 21 50 35.5 -1.1 | NNSH | Datong | 1.42 | 35 | eP | Pg | 21 50 46.7 -0.8 |
| WTP | Ta-pu | 0.11 | 98 | Op | Pb | 21 50 23.7 | -0.7 | TWF1 | baz=81 | eS | Sb | 21 50 45.9 +0.6 | NNSH | baz=26 | eS | Sg | Pg | 21 51 06.6 +0.7 | | | |
| CHN4 | Tsaushan | 0.13 | 46 | P | Pb | 21 50 24.3 | -0.4 | YULB | Yu-li | 0.75 | 80 | Op | Pb | 21 50 35.3 0.0 | NNS | Nan Shan | 1.42 | 34 | eP | Pg | 21 50 46.9 -0.7 |
| CHN4 | baz=43 | | | S | Sg | 21 50 27.4 | +2.0 | YULB | baz=78 | eS | Sn | 21 50 46.2 -1.8 | NNS | baz=25 | eS | Sg | Pg | 21 51 08.5 +2.4 | | | |
| TPUB | Ta-pu | 0.13 | 73 | Op | Pb | 21 50 24.1 | -0.6 | YULB | Yu-li | 0.75 | 80 | Op | Pb | 21 50 35.1 -0.2 | NSTT | Nanjuang | 1.44 | 19 | eP | Pg | 21 50 46.9 -1.0 |
| TPUB | baz=64 | | | S | Sg | 21 50 28.2 | +2.5 | YULB | baz=82 | eS | Sb | 21 50 46.0 +0.5 | NSTT | baz=23 | eP | Pg | 21 51 06.8 +0.2 | | | | |
| TPUB | Ta-pu | 0.13 | 73 | Op | Pb | 21 50 24.1 | -0.6 | EYUL | Yuli | 0.76 | 83 | eP | Sn | 21 50 47.4 -0.9 | LIQB | Emei | 1.46 | 19 | Op | Pg | 21 50 47.2 -1.0 |
| TPUB | baz=64 | | | S | Sg | 21 50 26.9 | +1.1 | WGDG | Dungji | 0.77 | 270 | Op | Pg | 21 50 34.6 -0.5 | LIQB | baz=23 | eS | Sg | 21 51 07.8 +0.6 | | |
| TPUB | Ta-pu | 0.13 | 73 | Op | Pb | 21 50 23.8 | -0.9 | WGDG | baz=273 | eS | Sb | 21 50 45.3 -0.6 | LAY | Lan-yu | 1.56 | 141 | eP | Pb | 21 50 48.6 -0.5 | | |
| TPUB | baz=64 | | | S | Sg | 21 50 26.2 | +0.8 | SSPT | Xinbi | 0.78 | 175 | eP | Pn | 21 50 35.9 -1.0 | SBCB | Hsinchu | 1.59 | 16 | eP | Pb | 21 50 48.7 -0.8 |
| SGST | Jiashian | 0.20 | 155 | Op | Pg | 21 50 23.6 | -0.9 | SSPT | baz=155 | eS | Sn | 21 50 49.2 +0.5 | SBCB | baz=20 | eS | Sg | Pg | 21 51 09.8 -1.5 | | | |
| SGST | baz=143 | | | S | Sg | 21 50 27.6 | +0.2 | ECL | Taimali | 0.79 | 147 | P | Pb | 21 50 35.8 0.0 | NSK | Sanguang | 1.61 | 29 | eP | Pb | 21 50 49.8 -0.2 |
| CHN3 | Shinhua | 0.22 | 213 | Op | Pg | 21 50 25.1 | +0.2 | ECL | baz=142 | eP | Sn | 21 50 48.1 -0.8 | NSK | baz=19 | eS | Sg | Pg | 21 51 12.2 0.0 | | | |
| CHN3 | baz=219 | | | S | Sg | 21 50 29.7 | +1.6 | HTN | Taitung | 0.79 | 130 | eP | Pn | 21 50 36.3 -0.8 | YHNB | Yehung | 1.62 | 30 | eP | Pb | 21 50 49.7 -0.4 |
| ICHU | Yijhu | 0.22 | 296 | Op | Pb | 21 50 25.8 | -0.5 | HTN | baz=113 | eS | Sn | 21 50 36.5 -0.8 | YHNB | baz=18 | eS | Sb | Pg | 21 51 10.3 -0.2 | | | |
| ICHU | baz=307 | | | S | Sg | 21 50 31.0 | +2.9 | EHY | Hungye | 0.80 | 72 | P | Pn | 21 50 48.0 -1.3 | YHNB | baz=18 | eS | Sg | Pg | 21 50 49.7 -0.4 | |
| CHY | Chiayi | 0.24 | 345 | Op | Pb | 21 50 26.7 | +0.1 | WCHH | Zhanghua | 0.81 | 4 | P | Pn | 21 50 36.9 -0.7 | NDT | Datong Townshi | 1.63 | 35 | eP | Pb | 21 50 50.4 -1.1 |
| CHY | baz=353 | | | S | Sg | 21 50 32.2 | +3.5 | WCHH | baz=8.0 | eS | Sn | 21 50 49.7 0.0 | NDT | baz=28 | eS | Sg | Pg | 21 51 12.8 +0.1 | | | |
| STYT | Tauyuan | 0.26 | 112 | Op | Pb | 21 50 26.5 | -0.4 | CHKT | Chengkung | 0.82 | 101 | P | Pn | 21 50 37.5 -0.1 | ENTT | Nioudou | 1.69 | 35 | eP | Pg | 21 50 51.4 -1.2 |
| STYT | baz=104 | | | S | Sb | 21 50 30.9 | -0.5 | CHKT | baz=99 | eS | Sn | 21 50 49.3 -0.4 | ENTT | baz=29 | eS | Sg | Pg | 21 51 16.3 +1.8 | | | |
| CHN2 | Minshiang | 0.27 | 356 | Op | Pb | 21 50 27.5 | +0.4 | DPDB | Guoxing | 0.86 | 27 | Op | Pn | 21 50 37.7 -0.6 | ENAH | Nanao | 1.69 | 45 | eP | Pb | 21 50 51.5 -1.1 |
| CHN2 | baz=1.0 | | | S | Sb | 21 50 33.2 | +1.6 | DPDB | baz=30 | eS | Sn | 21 50 51.0 +0.1 | NWLT | Wulai | 1.77 | 31 | eP | Pb | 21 50 51.7 -1.0 | | |
| CHN8 | Yiju | 0.27 | 288 | Op | Pb | 21 50 26.4 | -0.7 | PHUB | P'eng-hu | 0.88 | 287 | eP | Pg | 21 50 36.5 -0.8 | NWLT | baz=34 | eS | Sg | Pg | 21 51 15.9 -1.2 | |
| CHN8 | baz=298 | | | S | Sb | 21 50 32.0 | +0.3 | PHUB | baz=291 | eS | Pn | 21 50 48.1 -0.7 | TWE | Neicheng | 1.81 | 36 | eP | Pb | 21 50 53.2 -0.1 | | |
| WLGB | Puzi | 0.28 | 320 | P | Sb | 21 50 32.0 | +0.1 | HGSD | Ruisui | 0.88 | 75 | P | Pn | 21 50 38.6 +0.1 | TWE | baz=39 | eS | Sg | Pg | 21 51 18.6 +0.3 | |
| WLGB | baz=328 | | | S | Sb | 21 50 32.0 | +0.1 | HGSD | baz=82 | eS | Sn | 21 50 50.8 -0.5 | TWC | Suao | 1.83 | 42 | eP | Pg | 21 50 54.2 -1.1 | | |
| SCLT | Jiali | 0.29 | 253 | Op | Pb | 21 50 26.6 | -0.8 | SCZT | Fangliu | 0.89 | 173 | P | Pn | 21 50 38.0 -0.7 | TWC | baz=36 | eS | Sg | Pg | 21 51 18.6 -0.4 | |
| SCLT | baz=253 | | | eS | Sb | 21 50 32.3 | +0.1 | SCZT | baz=155 | eS | Sn | 21 50 51.4 -0.2 | TATO | Taipei | 1.93 | 28 | eP | Pb | 21 50 53.8 -1.6 | | |
| SLGT | Liugui | 0.30 | 152 | Op | Pb | 21 50 26.9 | -0.7 | TCU | Taichung | 0.90 | 11 | P | Pn | 21 50 38.3 -0.4 | TATO | Taipei | 1.93 | 28 | eP | Pb | 21 50 53.7 -1.7 |
| SLGT | baz=136 | | | eS | Sb | 21 50 31.9 | -0.7 | TCU | baz=15 | eS | Sn | 21 50 50.7 -0.9 | NHHD | Xindian Distri | 1.94 | 29 | eP | Pb | 21 50 54.1 -1.4 | | |
| TAI1 | Yung-k'ang | 0.33 | 228 | Op | Pb | 21 50 27.8 | -0.3 | PNG | Penghu | 0.91 | 290 | eP | Pg | 21 50 37.0 -0.8 | VWUC | Wu-TC | 1.97 | 331 | eP | Pn | 21 50 52.8 -0.7 |
| TAI1 | baz=233 | | | S | Sb | 21 50 34.7 | +1.4 | PNG | baz=294 | eS | Sb | 21 50 49.6 -0.6 | TWA | Mucha | 1.98 | 30 | eP | Pg | 21 50 56.8 -1.4 | | |
| CHN5 | Tsauling | 0.37 | 27 | Op | Pb | 21 50 29.0 | +0.1 | WLCH | Liugui | 0.91 | 187 | eP | Pg | 21 50 38.4 -0.5 | NTC | Toucheng | 2.00 | 37 | eP | Pg | 21 50 57.4 -1.2 |
| CHN5 | baz=29 | | | eS | Sb | 21 50 36.5 | +1.8 | WLCH | baz=181 | eS | Sn | 21 50 55.3 +3.3 | TWS1 | Kuangyintshan | 2.02 | 25 | eP | Pb | 21 50 55.0 -1.8 | | |
| SCST | Cishan | 0.38 | 180 | eP | Pb | 21 50 28.9 | 0.0 | TWP | Hsiaoliuchiu | 0.92 | 188 | eP | Pn | 21 50 39.6 +0.6 | EGS | baz=42 | eP | Pb | 21 50 57.6 +0.1 | | |
| SCST | baz=160 | | | eS | Sb | 21 50 36.9 | +2.3 | TWP | baz=181 | eS | Sn | 21 50 56.5 +4.3 | TIPB | Shuangxi | 2.09 | 35 | eP | Pb | 21 50 56.7 -1.5 | | |
| ALS | Alishan | 0.38 | 49 | P | Pb | 21 50 29.1 | 0.0 | EAST | Anshuo | 0.93 | 159 | P | Pn | 21 50 38.9 -0.3 | YM04 | YM04 | 2.11 | 27 | eP | Pn | 21 50 56.2 +0.8 |
| ALS | baz=59 | | | eS | Sb | 21 50 36.1 | +1.1 | EAST | baz=146 | eS | Sn | 21 50 52.5 -0.1 | YM01 | YM01 | 2.12 | 27 | eP | Pn | 21 50 55.9 -0.4 | | |
| WDLH | Douliu | 0.43 | 5 | Op | Pn | 21 50 30.4 | -1.8 | EGFH | Guangfu | 0.95 | 65 | P | Pn | 21 50 39.3 -0.1 | YM10 | YM10 | 2.12 | 27 | eP | Pn | 21 50 56.1 +0.5 |
| WDLH | baz=10.0 | | | eS | Sb | 21 50 39.1 | +3.0 | EGFH | baz=55 | eS | Sn | 21 50 52.9 0.0 | ANP | Anpu | 2.13 | 26 | eP | Pn | 21 50 56.3 +0.5 | | |
| WGK | Gukeng | 0.43 | 8 | eP | Pn | 21 50 30.3 | -1.9 | TAW | Tauu | 0.97 | 158 | eP | Pn | 21 50 39.2 -0.6 | YM11 | YM11 | 2.13 | 26 | eP | Pn | 21 50 56.8 +0.9 |
| WTK | Tuku | 0.43 | 347 | eP | Sb | 21 50 30.3 | +0.4 | TAW | baz=152 | eS | Sn | 21 50 54.0 +0.5 | NWF | Wu-fen Shan | 2.15 | 33 | eP | Pg | 21 50 60.0 -1.5 | | |
| WTK | baz=352 | | | S | Sb | 21 50 38.5 | +2.2 | VCHM | Gimei | 0.98 | 267 | eP | Pb | 21 50 37.9 -1.2 | WFBS | Wu-fen Shan | 2.15 | 33 | eP | Pg | 21 50 59.9 -1.6 |
| TWM1 | Shoushan | 0.44 | 189 | eP | Pn | 21 50 31.2 | -1.2 | VCHM | baz=271 | eS | Sg | 21 50 51.2 -0.7 | PTMZ | Houxiangcun | 2.17 | 325 | eP | Pn | 21 50 55.8 -0.4 | | |
| TWM1 | baz=166 | | | S | Sb | 21 50 39.5 | +2.9 | CHGB | Renai | 1.01 | 38 | P | Pn | 21 50 40.0 -0.4 | KNM | Kinmen | 2.21 | 302 | eP | Pn | 21 50 57.2 +0.5 |
| WSF | Zhu | 0.45 | 326 | P | Sb | 21 50 30.4 | +0.2 | CHGB | baz=40 | eS | Sn | 21 50 57.2 +2.5 | TWB1 | Santiao Chiao | 2.21 | 308 | eP | Pb | 21 50 58.0 -2.1 | | |
| WSF | baz=333 | | | S | Sb | 21 50 38.1 | +1.3 | ESL | Shilin | 1.02 | 57 | P | Pn | 21 50 40.7 +0.3 | KNMB | Chin-men Tao | 2.27 | 302 | eP | Pn | 21 50 57.5 -0.1 |
| YUS | Yu-Shan | 0.48 | 62 | P | Pb | 21 50 31.2 | +0.3 | ESL | baz=58 | eS | Sn | 21 50 55.4 +0.7 | KNMB | Chin-men Tao | 2.27 | 302 | eP | Pn | 21 50 57.5 -0.1 | | |
| ELDTW | Lidau | 0.49 | 99 | Op | Pb | 21 50 30.7 | -0.1 | LDUT | Ludao | 1.07 | 123 | P | Pn | 21 50 41.0 -0.1 | PTTC | Pingtang | 2.32 | 344 | eP | Pn | 21 50 57.9 -0.5 |
| ELDTW | baz=95 | | | S | Sb | 21 50 38.8 | +0.8 | LDUT | baz=120 | eS | Sn | 21 50 56.8 +0.9 | YOJ | Yongaguni jima | 2.59 | 62 | P | Pb | 21 51 04.3 -2.4 | | |
| SNJT | Kaohsiung City | 0.53 | 196 | eP | Pn | 21 50 32.2 | -1.4 | SLIU | Shizi | 1.08 | 165 | eP | Pn | 21 50 41.1 -0.1 | YOJ | Yongaguni jima | 2.59 | 62 | Pn | Pb | 21 51 03.2 +1.1 |
| SSD | Sandimen | 0.53 | 166 | Op | Pb | 21 50 31.4 | -0.1 | SLIU | baz=145 | eS | Sn | 21 50 57.2 +1.1 | ZPLA | Ao Xicun | 2.60 | 285 | eP | Pn | 21 51 01.1 -1.1 | | |
| SSD | baz=146 | | | eS | Sn | 21 50 40.7 | -1.9 | WDJ | Dajia District | 1.09 | 7 | eP | Pn | 21 50 41.7 +0.4 | AXDP | Jialang | 2.83 | 306 | eP | Pn | 21 51 04.4 -0.8 |
| SGLT | Jiouru | 0.54 | 180 | eP | Pb | 21 50 31.9 | +0.4 | WDJ | baz=11 | eS | Sn | 21 50 57.5 +1.1 | MATB | Ma-tsu | 2.92 | 350 | eP | Pn | 21 51 05.8 -0.7 | | |
| WHYT | Xinyi Township | | | | | | | | | | | | | | | | | | | | |

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Table with columns: IAKZ, Makanchi, 59.00 325, P, Iamb, 22 08 42.8, -2.3, 22 08 43.0, WKZ, Wanaka, 60.08 147, P, P, 22 08 51.5, -1.0, 22 09 58.3, +0.9, CASY, Caskey, 70.18 187, P, Iamb, 22 10 05.4

WEL 12 21:59:05.9, 1.0, 37'S, 8°18'00"E, h33km, M3.4/19, ML3.7/19, MLV3.4/19, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ, Waiomatatini S, Pakihiroa, Puketiti, Te Kahia, etc.

JMA 12 22:18:20.4, 0.1, 23°21'N, 121°98'E, h32km, M3.2, TAP 12 22:18:21.7, 23°20'N, 121°98'E, h33km, ML3.4, D

ISC 12 22:18:20.7, 1.1, 23°20'N, 121°99'E, 0.02, h27km, 11km, n99, r092/194, 3D, Taiwan

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CHKT, Chengkung, Ruisui, Yuli, etc.

2014 DEC

Table with columns: FUSS, Fushou, 1.25 327, eP, Pn, 22 18 42.9, +0.4, 22 18 57.8, -0.8, TYC, Yucheng, 1.25 304, eP, Pb, 22 18 43.1, -0.5, etc.

12d 22h

Table with columns: WCHH, Sanguang, 1.58 339, eP, Pn, 22 19 10.0, +1.4, 22 18 48.0, +1.0, NSK, Sanguang, 1.58 339, eP, Pn, 22 19 06.0, -0.6, etc.

DDA 12 22:20:24.6, 38°87'N, 26°25'E, h7km, 4km, ML2.0, ISK 12 22:20:24.7, 38°89'N, 26°29'E, h6km, ML2.5/14

Table with columns: Code, Station Name, Delta A, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PRK, Parakevi, SIGR, Sigr, etc.

12d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUHA, EZN, DGB, BOZO, AKHS, STEP, SMG, LIA, GCAM, BALB, GELI, AYD, SMTH, ERIK, RKY, ALN, MAR.

IDC 12 22:24:21.9.0.8, 21.47N, 143.49E, h0km, mb3.9/12, m1 4.0/12, mb1mx3.8/42, mbtmp3.9/12, MS3.1/6, Ms 1.3/16, ms1mx2.9/39, Error ellipse: s-maj=31.3km s-min=18.8km az=83.0

NEIC 12 22:24:26.6.1.7, 21.32N, 143.5E, 0.1, h35km, 2km, mb4.5/20, Error ellipse: s-maj=21.6km s-min=11.9km az=258.0

ISC 12 22:24:26.5.0.6, 21.35N, 143.6E, 0.1, h35km, n53, 130/40, mb4.1/19, MS3.1/3, Mariana Islands region

Main table for 12d 23h section, listing station codes, names, coordinates, and seismic data. Includes stations like CJC, GUMO, GUMG, JHJ, MJAR, JNU, JUTU, NACB, KRSR, SSSL, H11N1, H11N2, H11N3, H11S1, H11S2, DAV, USRK, FAKI, KLR, SONM, SONM, WBO, WRAB, WRA, ASAR, ZALV, MK31, MKAR, KDKA, BRKL, IMAR, BPAW, TRF, GHO, GLI, MDM, ARSB, TOLK, IL31, ILAR, BRVK, INKAR, ABKAR, YKA, ARCES, ARCES, NVAR, FINES, LPAZ, PRU, VIE, WNW, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC.

2014 DEC

Main table for 2014 DEC section, listing station codes, names, coordinates, and seismic data. Includes stations like CHVC, OSTC, UPC, DPC, PDC, BRG, PRU, CLL, MORC, VRAC, TREC, PBCC, KRUC, NKC, OJC, OJC, KHC, KHC, SMOL, MODS, VYHS, VYHS, BSD, BSD, CONA, CONA, MOA, MOA, MOA, ARSZA, ROM, Code, Station Name, Az, Phase ID, Time, Res, ISC.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MWZ, RIGZ, WHRZ, RAGZ, PRGZ, URZ, MHGZ, KNZ, MARZ, EDRZ, RTZ, MYRZ, MURZ, MKRZ, RAHZ, TARZ, WHRZ, OMRZ, THTZ, ALRZ, NMHZ, ARHZ, KUZ, MRHZ, MURZ, CKHZ, MCHZ, TOZ, KWHZ, KHZ, WIHZ, KRHZ, ETAZ, MBAZ, BHZ, TMVZ, ETVZ, KRVZ, OTVZ, NGZ, MOVZ, TSWZ, WPHZ, WNVZ, PNHZ, PRHZ, TMVZ, TSZ, DVHZ, WCZ, PFZ, BWZ, CTZ.

CRAAG 12 23:12:54.2, 34.50N, 2.68E, M12.8, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADJB, TDRA, TDRA, JBK, JBK, MDT, MDT, MD31, MD31, MD31.

IDC 12 23:27:44.5.1.7, 4.10N, 126.88E, h0km, mb3.8/5, m1 4.0/5, mb1mx3.5/44, mbtmp3.8/5, Error ellipse: s-maj=94.1km s-min=23.5km az=68.0

NEIC 12 23:27:59.8.2.3, 3.93N, 127.2E, 0.1, h132km, 8km, mb4.7/12, Error ellipse: s-maj=17.8km s-min=13.5km az=97.0

ISC 12 23:27:56.4.0.7, 4.03N, 127.0E, 0.2, h100km, n23, 154/21, mb4.1/11, Taiwan Islands

Main table for CRAAG section, listing station codes, names, coordinates, and seismic data. Includes stations like TNTI, TQ12, KNRA, FITZ, FITZ, WBO, WBO, WRA, WRA, WRA, WRA, ASAR, GIRL, JSG, STKA, STKA, MKAR, MKAR, DRN, DRN, NNZ, NNZ, TNA, TNA, SDPT, SDPT, ASRS, TEL, TEL, AKAR, AKAR, CHBI, CHBI, ARTR, ARTR, DGZ, DGZ, TAGR, TAGR, TBTR, TBTR, DJO, DJO, DJVS.

| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | Time | Res |
|-------|----------------|------|-----|----------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| DJOS | | | | | | | 23 37 25.3 | -0.4 |
| CERR | Cheremushki | 2.23 | 36 | Pg | Pb | | 23 36 58.6 | -1.0 |
| CERR | | | | | | | 23 37 27.8 | +0.6 |
| VEH | Verkhnyaya Baz | 2.28 | 16 | Pg | Pb | | 23 36 59.6 | -0.9 |
| VEH | | | | | | | 23 37 28.7 | -0.1 |
| BLRR | Bol'shaya Rech | 2.77 | 44 | Pg | Pb | | 23 37 48.4 | +0.6 |
| BLRR | | | | | | | 23 37 45.0 | +2.0 |
| UKR | Ust'-Kan | 2.64 | 269 | Pg | Pb | | 23 37 10.4 | +0.4 |
| UKR | | | | | | | 23 37 49.9 | -0.5 |
| ELT | Eltsovka | 2.87 | 321 | Pg | Sg | | 23 37 07.1 | +2.0 |
| ELT | | | | | | | 23 37 46.6 | +0.8 |
| ARDR | Aradan | 3.00 | 58 | Pg | Pb | | 23 37 13.4 | +0.7 |
| ARDR | | | | | | | 23 37 51.1 | +1.7 |
| KZLR | Kyzyl | 3.31 | 77 | Pg | Sg | | 23 38 03.7 | -1.9 |
| MK31 | Makanchi Array | 6.28 | 230 | IL | Pn | | 23 37 54.9 | +2.9 |
| MK31 | | | | | | | 23 39 08.1 | +4.4 |
| MK31 | | | | | | | 23 39 39.1 | |
| MAKZ | Makanchi | 6.42 | 231 | IL | Pn | | 23 37 58.8 | +4.9 |
| MAKZ | | | | | | | 23 39 15.8 | +8.6 |
| MAKZ | | | | | | | 23 39 44.6 | |
| KURK | Kurchatov | 6.74 | 271 | IL | Pn | | 23 38 00.9 | +2.7 |
| KURK | | | | | | | 23 39 13.8 | -1.1 |
| KURK | | | | | | | 23 39 48.8 | |
| KURRB | Kurchatov Arra | 6.81 | 270 | IL | Pn | | 23 38 01.5 | +2.3 |
| KURRB | | | | | | | 23 39 17.3 | +0.6 |
| KURRB | | | | | | | 23 39 53.2 | |

WEL 12 23:39:27.2, 4.4°S, 172°E, h5km, 2km, M2.3/8, ML2.4/8, MLV2.3/8, Error ellipse: s-maj=0.0km s-min=0.0km az=97.4, South Island

| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | Time | Res |
|------|----------------|------|-----|----------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| RACZ | Rakaia | 0.16 | 238 | P | Pg | | 23 37 41.7 | +1.9 |
| MCQ | McQueen's Vail | 0.25 | 105 | P | Pg | | 23 37 42.4 | +1.0 |
| OXZ | Oxford | 0.38 | 327 | P | Pb | | 23 37 44.3 | +0.5 |
| WACZ | Wakanui South | 0.46 | 229 | P | Pb | | 23 37 47.5 | +0.3 |
| AKCZ | Akaroa Harbour | 0.48 | 119 | P | Pb | | 23 37 48.1 | +0.5 |
| AMCZ | Amberley | 0.52 | 27 | P | Pb | | 23 37 48.5 | +0.2 |
| OKCZ | Okains Bay | 0.54 | 99 | P | Pb | | 23 37 48.9 | +0.3 |
| GVZ | Greta Valley S | 0.85 | 38 | P | Pb | | 23 37 45.3 | +0.7 |
| LTZ | Lake Taylor | 0.86 | 37 | P | Pb | | 23 37 54.5 | +0.4 |
| ARCZ | Arundel | 0.98 | 249 | P | Pb | | 23 37 54.9 | +0.5 |
| RPZ | Rata Peaks | 0.93 | 265 | P | Pn | | 23 37 55.9 | -0.4 |
| INZ | Inchbonnie | 1.12 | 325 | P | Pn | | 23 37 59.8 | +0.9 |
| ODZ | Otahua Downs | 1.85 | 220 | P | Pg | | 23 38 12.1 | +0.1 |

TAP 12 23:39:27.2, 4.4°S, 172°E, h68km, ML3.2/8, JMA 12 23:39:27.4, 0.1, 24.48N, 122.87E, h69km, M2.6, ISC 12 23:39:28.4, 1.3, 24.46N, 122.85E, 0.02, h61km, 7km, n62, c0.91/104, Taiwan region

| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | Time | Res |
|-------|----------------|------|-----|----------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| JYNG | Yonagunijimaku | 0.09 | 97 | P | Pn | | 23 39 37.6 | +0.1 |
| YOJ | Yonaguni jima | 0.15 | 91 | P | Pn | | 23 39 37.5 | -0.2 |
| YOJ | | | | | | | 23 39 44.9 | +0.5 |
| YOJ | | | | | | | 23 39 37.7 | 0.0 |
| YOJ | | | | | | | 23 39 44.9 | +0.5 |
| IRIF | Iriomote-Funau | 0.82 | 99 | P | Sn | | 23 39 43.6 | -0.5 |
| IRIF | | | | | | | 23 39 55.9 | +0.2 |
| TWC | Suao | 0.92 | 279 | P | Sn | | 23 39 44.8 | -0.6 |
| TWC | | | | | | | 23 39 57.5 | -0.5 |
| ENAH | Nanajo | 0.94 | 269 | EP | Pn | | 23 39 45.4 | -0.3 |
| HATJ | Hateruma jima | 0.96 | 115 | P | Pn | | 23 39 45.8 | -0.2 |
| HATJ | | | | | | | 23 39 59.5 | +0.5 |
| NTC | Toucheng | 1.00 | 293 | P | Sn | | 23 39 45.9 | -0.6 |
| NTC | | | | | | | 23 39 58.5 | -1.4 |
| TIPB | Shuangxi | 1.06 | 299 | P | Pn | | 23 39 46.5 | -0.7 |
| TIPB | | | | | | | 23 40 01.5 | +0.3 |
| JKRS | Kuro-shima | 1.08 | 102 | P | Pn | | 23 39 47.4 | -0.1 |
| JKRS | | | | | | | 23 40 02.3 | +0.5 |
| TWE | Neicheng | 1.10 | 284 | P | Pn | | 23 39 47.5 | -0.3 |
| TWE | | | | | | | 23 40 01.5 | -0.7 |
| NACB | Ninganchiao | 1.18 | 256 | P | Pn | | 23 39 48.0 | -0.7 |
| NACB | | | | | | | 23 40 03.0 | -0.9 |
| ENTT | Nioudou | 1.18 | 279 | P | Pn | | 23 39 48.5 | -0.3 |
| ENTT | | | | | | | 23 40 05.2 | +1.2 |
| JWJ | Ishigaki jima | 1.19 | 95 | P | Sn | | 23 39 48.3 | -0.6 |
| JWJ | | | | | | | 23 40 03.4 | -0.8 |
| TWD | Chiawan | 1.20 | 252 | P | Pn | | 23 39 48.4 | -0.7 |
| TWD | | | | | | | 23 40 03.4 | -1.2 |
| NDT | Datong Townshp | 1.22 | 277 | P | Pn | | 23 39 49.6 | +0.2 |
| NDT | | | | | | | 23 40 06.0 | +0.9 |
| NWLT | Wulai | 1.26 | 285 | P | Sn | | 23 39 49.7 | -0.2 |
| NWLT | | | | | | | 23 40 05.8 | -0.2 |
| ETHL | Xiulin Townshp | 1.27 | 259 | P | Pn | | 23 39 49.6 | -0.5 |
| ETHL | | | | | | | 23 40 06.2 | -0.1 |
| NNSB | Datong | 1.33 | 269 | P | Pn | | 23 39 50.9 | -0.1 |
| NNSB | | | | | | | 23 40 07.0 | -0.9 |
| NNSH | Datong | 1.33 | 269 | P | Pn | | 23 39 50.5 | -0.5 |
| NNSH | | | | | | | 23 40 06.8 | -1.1 |
| JISG | Ishigakijimahi | 1.34 | 84 | P | Pn | | 23 39 50.1 | -0.8 |
| JISG | | | | | | | 23 40 07.3 | -0.5 |
| NNS | Nan Shan | 1.34 | 269 | P | Sn | | 23 39 51.1 | 0.0 |
| NNS | | | | | | | 23 40 07.9 | -0.2 |
| YMO1 | YMO1 | 1.34 | 301 | EP | Pn | | 23 39 51.2 | +0.2 |
| YMO8 | YMO8 | 1.35 | 303 | EP | Pn | | 23 39 50.6 | -0.5 |
| YHNB | Yeheng | 1.35 | 279 | P | Pn | | 23 39 51.5 | +0.3 |
| YHNB | | | | | | | 23 40 08.7 | +0.3 |
| YMO10 | YMO10 | 1.36 | 301 | EP | Pn | | 23 39 50.5 | -0.7 |
| NSK | Sanguang | 1.37 | 279 | P | Pn | | 23 39 51.5 | +0.1 |
| NSK | | | | | | | 23 40 08.6 | -0.1 |
| YMO4 | YMO4 | 1.37 | 300 | EP | Pn | | 23 39 51.1 | -0.3 |
| FUSS | Fushou | 1.48 | 262 | EP | Pn | | 23 39 52.8 | -0.2 |
| FUSS | | | | | | | 23 40 10.2 | -1.3 |
| WHF | Hehuan Shan | 1.48 | 258 | EP | Pn | | 23 39 52.6 | -0.5 |
| EGFH | Guangfu | 1.52 | 239 | EP | Pn | | 23 39 52.4 | -1.0 |
| EGFH | | | | | | | 23 40 10.3 | -1.8 |

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| Code | Station Name | Δ° | AZ° | Phase ID | Op | ISC | Time | Res |
|-------|---------------|------|-----|----------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| TWT | Tachien | 1.54 | 263 | EP | Pn | | 23 39 54.0 | +0.3 |
| TWT | | | | | | | 23 40 12.7 | -0.1 |
| TDCB | Tachien | 1.55 | 263 | EP | Pn | | 23 39 53.9 | -0.1 |
| TDCB | | | | | | | 23 40 12.5 | -0.7 |
| CHGB | Renai | 1.58 | 256 | P | Pn | | 23 39 54.1 | -0.2 |
| CHGB | | | | | | | 23 40 12.1 | -1.8 |
| HGSD | Ruisui | 1.62 | 234 | EP | Pn | | 23 39 53.5 | -1.1 |
| HGSD | | | | | | | 23 40 13.2 | -1.4 |
| LIOB | Emei | 1.68 | 277 | EP | Sn | | 23 39 56.6 | +1.2 |
| LIOB | | | | | | | 23 40 17.3 | +1.3 |
| EHO | Hungye | 1.69 | 236 | EP | Pn | | 23 39 54.5 | -1.1 |
| EHY | Tarama | 1.70 | 84 | P | Sn | | 23 39 55.6 | -0.1 |
| JTJ | Tarama | 1.70 | 84 | P | Sn | | 23 40 16.4 | -0.1 |
| WHP | Taichung City | 1.74 | 264 | P | Pn | | 23 39 57.5 | +1.1 |
| WHP | | | | | | | 23 40 18.3 | +0.6 |
| YULB | Yu-hi | 1.77 | 233 | P | Pn | | 23 39 55.7 | -1.1 |
| YULB | | | | | | | 23 40 16.3 | -2.0 |
| EYUL | Yuli | 1.79 | 232 | EP | Pn | | 23 39 56.6 | -0.3 |
| TWF1 | TWF1 | 1.80 | 232 | EP | Pn | | 23 39 56.1 | -1.0 |
| TWF1 | | | | | | | 23 40 17.4 | -1.5 |
| DPDB | Guoxing | 1.80 | 257 | EP | Pn | | 23 39 57.6 | +0.4 |
| SSLB | Suanglung | 1.85 | 249 | EP | Sn | | 23 39 59.2 | +1.3 |
| SSLB | | | | | | | 23 40 19.2 | -1.2 |
| SMLT | Sun Moon Lake | 1.87 | 252 | P | Pn | | 23 39 58.5 | +0.3 |
| SMLT | | | | | | | 23 40 20.2 | -0.6 |
| FULB | Fuli | 1.90 | 229 | EP | Pn | | 23 39 57.7 | -0.8 |
| TYC | Yuchr | 1.90 | 253 | EP | Pn | | 23 39 58.5 | +0.1 |
| TYC | | | | | | | 23 40 21.1 | -0.3 |
| WJS | Zhushan | 2.04 | 252 | EP | Sn | | 23 40 02.0 | +1.6 |
| ALS | Alishan | 2.09 | 243 | EP | Pn | | 23 40 01.9 | +0.5 |
| ALS | | | | | | | 23 40 27.4 | +0.9 |
| CHNS | Tsaling | 2.16 | 247 | EP | Sn | | 23 40 23.3 | +1.1 |
| CHNS | | | | | | | 23 40 08.9 | +1.0 |
| WDLH | Douliu | 2.25 | 250 | EP | Pn | | 23 40 04.5 | +1.3 |
| STYT | Tauyuan | 2.31 | 236 | EP | Pn | | 23 40 04.6 | +0.5 |
| STYT | | | | | | | 23 40 32.1 | +0.6 |
| TPUB | Tapu | 2.34 | 241 | EP | Sn | | 23 40 05.6 | +1.2 |
| CHN4 | Tsashan | 2.34 | 242 | EP | Pn | | 23 40 06.0 | +1.5 |
| CHN4 | | | | | | | 23 40 35.1 | +3.0 |
| WTP | Tapu | 2.38 | 240 | EP | Pn | | 23 40 06.2 | +1.2 |
| TWK | Hsinying | 2.46 | 242 | EP | Pn | | 23 40 06.9 | +0.6 |
| CHN1 | Nanshi | 2.48 | 240 | EP | Pn | | 23 40 07.8 | +1.4 |
| SGST | Jiashan | 2.49 | 237 | EP | Pn | | 23 40 07.0 | +0.5 |
| SLGT | Liqui | 2.49 | 234 | EP | Pn | | 23 40 07.8 | +1.2 |
| SSD | Sandimen | 2.65 | 230 | EP | Pn | | 23 40 10.4 | +1.7 |
| TSMC | Majia | 2.67 | 230 | EP | Pn | | 23 40 10.5 | +1.5 |
| MASBT | Mashibuluo | 2.74 | 228 | EP | Pn | | 23 40 10.1 | +1.1 |
| MASBT | | | | | | | | |

13d 2h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, KRSR Korea Array, etc.

CGC 13 01:08:56.0, 0.4, 13.79N, 92.06W, h35km, 999km, MD3.7
SNET 13 01:09:03.8, 0.5, 13.91N, 91.44W, h20km, 9km, ML3.0
ISC 13 01:08:48.8, 10.0, 13.5N, 0.3, 92.3W, 0.5, h10km, n6,
-0.699/9, Off coast of Chiapas

2014 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PCG Pacaya, NCG Las Nubes, NUBE Las Nubes, etc.

KOLA 13 01:35:46.1, 67.99N, 19.65E, h0km
HELL 13 01:35:47.9, 0.2, 67.78N, 20.14E, h0km, ML2.6, Explosion
UPL 13 01:35:48.8, 0.0, 67.83N, 20.21E, h1km, ML2.9, Explosion
NAO 13 01:35:48.9, 0.7, 67.81N, 20.40E, ML2.8
IDC 13 01:35:49.4, 0.8, 67.84N, 20.56E, h0km, mb1 3.5/5,
mb1 mx3.1/44, mb1mx3.5/5, ML2.6/5, Error ellipse:
s-maj=13.8km s-min=5.9km az=118.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KUA Kuravaara, RATU Laukkutuspaa, KOVU Salmi, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HARU Tromso, TRO Tromso, KALU Kalix, etc.

WEL 13 02:02:08.6, 45.5, 86.1, 16.7E, 5.1, h9km, 23km, M2.7/7,
ML2.7/7, Error ellipse: s-maj=17.4km s-min=4.2km
az=73.0
IDC 13 02:22:35.6, 2.9, 4.45S, 129.74E, h125km, 31km, mb3.5/4,
mb1 3.8/8, mb1mx3.5/13, mb1mx4.1/8, Error ellipse:
s-maj=47.0km s-min=1.1km az=80.0
DJA 13 02:22:38.2, 0.9, 4.5, 137.3E, 7.1, h133km, 7km, M4.0/8,
-0.0/0.0
ISC 13 02:22:37.1, 0.7, 4.39S, 0.06, 129.68E, 0.06, h143km, 7km,
n32, -1.52/37, mb3.9/6, Banda Sea

13d 3h

Table with columns: TXAR, Lajitas Array, 62.35 280 P, P, 02 44 47.8 +2.1, etc.

IDC 13 02:34:50.4:1.7, 64°51'N-17°55'W, h0km, mb3.7/5,

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

REY 13 02:35:48.1, 64.61N-17.42W, h1km, Iceland

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

IDC 13 02:36:12.8:0.8, 56°43'S-25°37'W, h0km, mb4.4/7, mb1.4/8, mb1mx4.1/24, mbtmp4.3/8, ML3.7/1, MS3.5/1, Ms1.3/4.1, ms1mx2.8/19, Error ellipse: s-maj=25.7km s-min=19.3km az=75.0°

NEIC 13 02:36:20.8:1.4, 56°55'O-1°25'5'W, 0.2, h62km, g6km, mb4.7/19, Error ellipse: s-maj=20.1km s-min=15.6km az=203.0°

IDC 13 02:36:17.8:0.6, 56°43'S-09.25°3'W, 0.1, h35km, n36, 0°90/35, mb4.7/11, South Sandwich Islands region

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

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Table with columns: CPUP, Villa Florida, 37.87 309 Iamb, Iamb, 02 43 32.1, etc.

NEIC 13 02:39:23.2:1.8, 16°25'O-1°17'5'W, 0.10, h357km, 9km, mb4.2/14, Error ellipse: s-maj=15.7km s-min=12.2km az=143.0°

IDC 13 02:39:23.9:1.5, 16°20'S-17°05'W, h363km, 16km, mb3.9/7, mb1.4/10, mb1mx3.5/33, mbtmp4.3/10, Error ellipse: s-maj=21.7km s-min=16.5km az=142.0°

IDC 13 02:39:22.9:0.5, 16°18'S-09°17'05"W, 0.09, h350km, n38, e126/36, mb4.2/11, Fiji Islands region

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

IDC 13 02:50:59.5:1.0, 41°29'N-29°57'W, h0km, mb3.7/9, mb1.3/8/10, mb1mx3.5/56, mbtmp3.7/10, ML3.6/1, MS3.5/1, Ms1.3/5.1, ms1mx2.6/39, Error ellipse: s-maj=31.1km s-min=20.6km az=26.0°

IDC 13 02:51:00.4:0.9, 41°11'N-29°6'W, 0.2, h10km, n14, e139/16, mb3.9/9, Azores Islands region

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

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MKAR Makanchi Array 73.56 42 P P 03 02 33.0 -0.6

NNC 13 02:57:23.9:0.7, 53°91'N-85°09'E, h0km, mb3.1, mpv2.5, Error ellipse: s-maj=14.9km s-min=3.6km az=16.0°, Suspected Mining explosion, IDC 13 02:57:25.4:0.8, 53°55'N-84°64'E, h0km, mb1.2/7.2, mb1mx2.7/44, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=5.0km s-min=1.4km az=92.0°

IDC 13 02:57:13.0:1.1, 53°56'N-08°04'E, 0.2, h0km, n7, 0°87/9, 3C-4d, Southwestern Siberia

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

IGL 13 03:14:57.6:37.31'N-14°36'W, h0km, ML2.4, MDD 13 03:14:57.7:1.7, 37°28'N-14°28'W, h0km, mb4.4/10, Error ellipse: s-maj=15.3km s-min=13.0km az=52.0, PRXIMO INMG 13 03:15:00.5:0.8, 37°14'N-14°57'W, h10km, ML2.8, Error ellipse: s-maj=4.7km s-min=3.9km az=84.0°

CNRM 13 03:15:02.6:0.9, 37°07'N-13°89'W, h142km, 23km, Error ellipse: s-maj=9.7km s-min=4.9km az=64.0°

IDC 13 03:14:59.6:3.6, 37°26'N-07°14'0'W, 0.2, h10km, n70, e170/135, 1C, Azores-Cape St. Vincent Ridge

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

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like PESTR Estremoz, PMRV Marv??, PCBR Castelo Branco, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warrungana Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like KBL Kabul, GAR Garm, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like CHGR Chuyangaron, CEP Cherat, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like IDC 13 04:00:05.0, FITZ Fitzroy Crossi, WRA Warrungana Arr, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Time, Res. Includes stations like IGPR InterUniversit, OBIP Obispo Ponce, ICMP Isla Caja de M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC, NRCA, ROSC, WILC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KIC, ARAC, NATR, CZSB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WTTA, GRCA, JCT, MOX, etc.

13d 4h

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Table with columns: TXAR, LRA, LR, 05 31 51.9, etc. Includes stations like Lajas Array, Great Sand Dun, Red Feather La, Smolencio, etc.

Table with columns: G002, MINA Guanaco, 57.27 207, P, Iamb, P, Iamb, 05 09 47.0 -0.7, etc. Includes stations like Fines, U15A, ITOB, etc.

Table with columns: BRTR, Keskinn Array B, 64.55 57ceP, LR, LR, 05 10 37.5 +0.5, etc. Includes stations like Keskinn Array B, Willemette Mer, etc.

13d 6h

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations like AKTO, KMBO, BOS, etc.

WEL 13 06:01:04.9, 44'S, 172°E, h8km, 1km, M2.6/11, ML2.6/10, MLV2.6/11, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like RACZ, MQZ, OKX, etc.

IDC 13 06:06:26.8, 3.5, 30.59S, 139.28E, h0km, mb1 3.0/3, mb1mx3.0/31, mbtmp2.8/3, ML2.8/3, Error ellipse: s-maj=115.8km

AUST 13 06:06:26.2, 5.3, 31.11S, 139.03E, h0km, Error ellipse: s-maj=7.7km, s-min=20.9km, az=16.0

ISC 13 06:06:24.8, 1.3, 31.11S, 138.94E, 0.09, h10km, n6, s121/10, South Australia

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like STKA, CMSA, ARPS, etc.

IDC 13 06:32:37.7, 1.1, 28.32N, 66.10E, h0km, mb3.5/7, mb1 3.7/8, mb1mx3.4/49, mbtmp3.6/8, ML3.5/1, MS3.4/3, Ms1 3.4/3, ms1mx2.7/52, Error ellipse: s-maj=30.1km

ISC 13 06:32:35.0, 9.2, 31.11S, 138.94E, 0.09, h10km, n11, s38/10, mb3.5/7, 1C, Pakistan

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like CEP, WSAR, MKAR, etc.

NEIC 13 06:41:05.0, 1.1, 15.2S, 0.1, 179.06W, 0.08, h416km, 7km, mb4.4/63, Error ellipse: s-maj=16.4km s-min=1.0km, az=158.0

IDC 13 06:41:06.6, 1.5, 15.18S, 179.18W, h430km, 16km, mb3.7/13, mb1 3.5/15, mb1mx3.7/30, mbtmp4.4/15, Error ellipse: s-maj=1.1km s-min=1.0km, az=145.0

ISC 13 06:41:03.0, 2.1, 15.29S, 0.08, 179.01W, 0.09, h400km, n15, s0885/116, mb4.4/43, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like MSVF, MSFV, FUNA, etc.

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Table with columns: Call sign, Name, Frequency, Band, Mode, Power, and other technical details for stations like MJAR, UNV, PETK, etc.

CMB Columbia Coloe 76.55 44 P Iamb Iamb 05 52 10.5 +0.8

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like YBH, MDPB, BEKR, etc.

SHRP Sheep Range 79.20 47 P P 05 52 26.1 +0.6

GHO GHO 80.42 14 P Iamb Iamb 05 52 31.2 0.0

SPR3 Spring Creek 3 80.95 46 P P 05 52 34.6 -0.2

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like G08A, G08B, N2SK, etc.

HDA Harding Lake 83.16 13 P P 05 52 44.8 -0.4

CCB Clear Creek Bu 83.17 13 P P 05 52 44.7 -0.5

IMAR Indian Mountain 83.22 10 P P 05 52 45.5 +0.1

BCAR Beaver Creek 83.30 16 P P 05 52 46.2 +0.1

TCOL CIGO, UAF Yang 83.36 13 P P 05 52 45.9 -0.2

ILAR Eielson Array 83.48 13 P P 05 52 46.0 -0.9

ILAR Eielson Array 83.48 13 P P 05 52 45.8 -1.0

ANMO Albuquerque 84.94 52 P P 05 52 55.1 +0.1

TX31 Lajitas Ar. Si 85.10 58 P Iamb Iamb 05 52 57.9 +0.9

TX32 Lajitas Array 85.10 58 P P 05 52 57.0 +1.2

TXAR Lajitas Array 85.10 58 P P 05 52 56.2 +0.5

REDW Red Top Meadows 85.27 43 P Iamb Iamb 05 52 57.9 -0.2

LRM Limekiln Ridge 85.35 40 P P 05 52 55.8 -1.1

LOHW Long Hollow 85.54 43 P P 05 52 58.0 +0.3

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

PDAR Pinedale Array 85.86 44 P P 05 52 58.7 -0.7

PDAR Pinedale Array 85.86 44 P P 05 52 58.0 +0.4

PDAR Pinedale Array 85.86 44 P P 05 52 57.9 -0.2

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

PDAR Pinedale Array 85.86 44 P P 05 52 58.7 -0.7

PDAR Pinedale Array 85.86 44 P P 05 52 58.0 +0.4

PDAR Pinedale Array 85.86 44 P P 05 52 57.9 -0.2

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

PDAR Pinedale Array 85.86 44 P P 05 52 58.7 -0.7

PDAR Pinedale Array 85.86 44 P P 05 52 58.0 +0.4

PDAR Pinedale Array 85.86 44 P P 05 52 57.9 -0.2

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

PDAR Pinedale Array 85.86 44 P P 05 52 58.7 -0.7

PDAR Pinedale Array 85.86 44 P P 05 52 58.0 +0.4

PDAR Pinedale Array 85.86 44 P P 05 52 57.9 -0.2

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

PDAR Pinedale Array 85.86 44 P P 05 52 58.7 -0.7

PDAR Pinedale Array 85.86 44 P P 05 52 58.0 +0.4

PDAR Pinedale Array 85.86 44 P P 05 52 57.9 -0.2

PDAR Pinedale Array 85.86 44 P P 05 52 59.1 -0.3

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DAVOS Davos/Dischmat 147.74 349 PKPbc PKPbc 07 00 02.0 +0.2

FUORN Ofenpass-Fuorn 147.82 348 PKPbc PKPbc 07 00 02.2 0.0

NEIC 13 06:42:47.0, 1.5, 19.8N, 0.2, 156.5W, 0.2, h42km, 15km, ML4.2/40(HVO), Error ellipse: s-maj=39.2km s-min=5.0km, az=214.0

IDC 13 06:42:47.8, 17.0, 20.23N, 156.44W, h0km, mb3.7/5, mb1 4.1/5, mb1mx3.7/34, mbtmp3.7/5, Error ellipse: s-maj=366.0km s-min=49.9km az=37.0

HVO 13 06:42:49.1, 0.9, 19.75N, 0.07, 156.53W, 0.04, h12km, 6km, Error ellipse: s-maj=1.1km s-min=3.5km az=206.0

ISC 13 06:42:44.7, 1.2, 19.8N, 0.1, 156.50W, 0.08, h10km, n35, s140/57, mb3.8/5, Hawaiian Islands

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like KKH, KHLU, HUH, etc.

ROM 13 06:51:16.6, 0.1, 44.455N, 0.008, 7.27E, 0.01, h18km, 1km, ML2.8/23, Error ellipse: s-maj=1.1km s-min=0.2km, az=46.0

STR 13 06:51:17.0, 3.4, 44.4N, 1.1, 156.5W, 0.2, h2km, mb12.3/1, MLV2.9/11, smiscs=0.6/LOCASAT earthModelID, smiscs=0.6/alps-tap-2.1 preliminary

LDG 13 06:51:17.3, 0.1, 44.50N, 7.34E, h10km, Mdz3.1/2, M13.0/50, Error ellipse: s-maj=2.1km s-min=1.6km az=65.0

GEN 13 06:51:17.4, 44.48N, 7.30E, h10km, 2km, M12.9

ISC 13 06:51:17.1, 0.8, 44.49N, 0.01, 137.31E, 0.01, h17km, 5km, n122, s1886/219, 5C-1D, Northern Italy

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details for stations like PZZ, STV, ENR, etc.

| | | | | | |
|------|--------------------|----------|-----|-----|-----------------|
| RSP | Reno Superiore | 0.66 357 | P | Pg | 06 51 29.1 -1.0 |
| RSP | Reno Superiore | 0.66 357 | S | Sg | 06 51 38.4 -0.5 |
| RSP | comp=N,658µm,0.1s | | P | Pg | 06 51 29.1 -1.0 |
| RSP | comp=E,590µm,0.5s | | AML | AML | |
| RSP | comp=N,616µm,0.2s | | AML | AML | |
| RSP | comp=E,614µm,0.5s | | AML | AML | |
| RSP | comp=N,659µm,0.1s | | AML | AML | |
| ESCA | l'Escarene | 0.66 176 | Pg | Pg | 06 51 29.5 -0.7 |
| ESCA | Rocca Rossa | 0.66 125 | Pg | Pg | 06 51 38.2 -0.7 |
| RORO | Rocca Rossa | 0.66 125 | S | Sg | 06 51 29.8 -0.4 |
| RORO | Rocca Rossa | 0.66 125 | S | Sg | 06 51 38.6 -0.4 |
| RORO | Rocca Rossa | 0.66 125 | S | Sg | 06 51 29.8 -0.4 |
| RORO | comp=N,1945µm,0.3s | | AML | AML | 06 51 38.4 -0.6 |
| RORO | comp=E,188µm,1.5s | | AML | AML | |
| BNI | Bardonecchia | 0.72 322 | P | Pg | 06 51 31.0 -0.2 |
| BNI | comp=N,228µm,1.1s | | AML | AML | 06 51 40.1 -0.6 |
| BNI | comp=E,336µm,1.2s | | AML | AML | |
| BNI | comp=N,227µm,1.1s | | AML | AML | |
| BNI | comp=E,469µm,0.2s | | AML | AML | |
| BNI | comp=N,272µm,1.1s | | AML | AML | |
| BNI | comp=E,337µm,1.2s | | AML | AML | |
| IMI | Imperia | 0.72 144 | P | Pg | 06 51 30.6 -0.6 |
| IMI | Imperia | 0.72 144 | S | Sg | 06 51 40.0 -0.7 |
| IMI | Imperia | 0.72 144 | P | Pg | 06 51 30.6 -0.6 |
| IMI | Imperia | 0.72 144 | S | Sg | 06 51 40.0 -0.7 |
| IMI | comp=E,2470µm,0.3s | | AML | AML | |
| IMI | comp=N,2430µm,0.3s | | AML | AML | |
| MONC | Moncucco Torin | 0.73 37 | P | Pb | 06 51 32.2 +0.8 |
| MONC | comp=N,902µm,0.3s | | AML | AML | |
| MONC | comp=E,822µm,0.4s | | AML | AML | |
| QLNO | Quiliano | 0.76 102 | P | Pb | 06 51 32.0 0.0 |
| QLNO | comp=N,1085µm,1.5s | | AML | AML | 06 51 41.7 -0.4 |
| QLNO | comp=N,1085µm,1.5s | | AML | AML | |
| MON | Monaco | 0.77 174 | Pg | Pg | 06 51 31.5 -0.6 |
| FINB | Finale Ligure | 0.80 113 | P | Pg | 06 51 32.4 -0.2 |
| FINB | comp=E,820µm,1.6s | | AML | AML | 06 51 42.4 -0.7 |
| FINB | comp=N,558µm,0.4s | | AML | AML | |
| OGDI | Digne | 0.82 243 | Pg | Pb | 06 51 34.3 +1.4 |
| ROTM | Rocchetta Tana | 0.83 64 | P | Pn | 06 51 34.2 +0.2 |
| ROTM | comp=N,345µm,0.4s | | AML | AML | 06 51 46.4 +0.6 |
| ROTM | Rocchetta Tana | 0.83 64 | S | Sn | 06 51 34.1 +0.2 |
| ROTM | comp=N,345µm,0.4s | | AML | AML | 06 51 46.1 +0.2 |
| ROTM | comp=E,1820µm,0.3s | | AML | AML | |
| ROTM | comp=N,2425µm,0.3s | | AML | AML | |
| OGMO | Fort Saint-Gobas | 0.84 329 | Pg | Pg | 06 51 33.3 -0.3 |
| PCCP | Piancastagn | 0.89 86 | P | Pb | 06 51 34.5 +0.4 |
| PCCP | Piancastagn | 0.89 86 | S | Sb | 06 51 45.8 +0.1 |
| PCCP | Piancastagn | 0.89 86 | S | Sb | 06 51 34.3 +0.2 |
| PCCP | Piancastagn | 0.89 86 | S | Sb | 06 51 46.4 +0.7 |
| PCCP | comp=E,854µm,0.8s | | AML | AML | |
| PCCP | comp=N,1310µm,0.2s | | AML | AML | |
| PCCP | comp=N,1310µm,0.2s | | AML | AML | |
| LSD | Lago del Serru | 0.97 353 | P | Pg | 06 51 34.8 -1.3 |
| LSD | Lago del Serru | 0.97 353 | S | Sb | 06 51 49.8 +1.4 |
| LSD | Lago del Serru | 0.97 353 | S | Sb | 06 51 34.7 -1.4 |
| LSD | Lago del Serru | 0.97 353 | S | Sb | 06 51 49.5 +0.6 |
| LSD | comp=E,810µm,0.3s | | AML | AML | |
| LSD | comp=N,430µm,0.3s | | AML | AML | |
| FRF | La Foret Royal | 1.04 207 | eP | Pg | 06 51 36.3 -1.1 |
| FRF | comp=N,293µm,0.2s | | eSg | Sg | 06 51 49.2 -1.8 |
| BLAF | les Blancs | 1.06 240 | eS | Sb | 06 51 51.3 +1.1 |
| BLAF | comp=N,309µm,0.2s | | eS | Sb | 06 51 37.5 -0.1 |
| TRAV | Traversella | 1.07 17 | Pg | Pb | 06 51 51.9 +1.4 |
| TRAV | comp=N,146µm,0.5s | | AML | AML | |
| TRAV | comp=N,130µm,0.8s | | AML | AML | |
| LPG | La Plagne | 1.08 339 | eP | Pg | 06 51 37.5 -0.6 |
| LPG | comp=N,89µm,0.2s | | eSg | Sg | 06 51 52.1 -0.2 |
| LPL | La Plagne | 1.10 339 | eP | Pg | 06 51 37.8 -0.7 |
| LPL | comp=N,198µm,0.4s | | eSg | Sg | 06 51 52.6 -0.4 |
| ORIF | Oris-en-Rattie | 1.10 293 | eP | Pb | 06 51 38.0 +0.2 |
| ORIF | comp=N,192µm,0.2s | | eSg | Sg | 06 51 51.5 -0.4 |
| ORIF | Oris-en-Rattie | 1.10 293 | S | Pb | 06 51 37.9 +0.2 |
| ORIF | comp=N,336µm,0.3s | | AML | AML | 06 51 51.6 -0.4 |
| ORIF | comp=N,346µm,0.8s | | AML | AML | |
| ORIF | comp=N,346µm,0.8s | | AML | AML | |
| CIRO | Champorcher | 1.13 9 | P | Pg | 06 51 36.4 -2.5 |
| CIRO | Champorcher | 1.13 9 | P | Pg | 06 51 36.4 -2.5 |
| CIRO | comp=N,96µm,1.5s | | AML | AML | |
| CIRO | comp=N,114µm,0.3s | | AML | AML | |
| MLYF | Mely | 1.22 246 | Pg | Pg | 06 51 40.9 +0.3 |
| MRGE | Morge | 1.29 352 | Pn | Pn | 06 51 57.6 +2.1 |
| MRGE | comp=N,109µm,1.0s | | AML | AML | 06 51 40.6 +0.1 |
| MRGE | comp=N,160µm,0.5s | | AML | AML | |
| MRGE | comp=N,109µm,1.0s | | AML | AML | |
| RSL | Roselend | 1.29 338 | Pn | Pn | 06 51 41.7 +1.2 |
| RSL | La Mourre | 1.29 207 | Pn | Pn | 06 51 59.4 +1.9 |
| LMR | comp=N,1034µm,1.3s | | eSg | Sb | 06 51 40.5 +0.2 |
| LMR | comp=N,1034µm,1.3s | | eSg | Sb | 06 51 55.7 -1.6 |
| LMR | comp=N,1034µm,1.3s | | eSg | Sb | 06 51 58.1 +0.8 |
| BSTF | la Bastide-des | 1.34 243 | Pn | Pb | 06 51 43.0 +1.2 |
| BSTF | Simiane la Rot | 1.35 248 | Pn | Pb | 06 52 00.2 +1.5 |
| SMRF | Simiane la Rot | 1.35 248 | eP | Pb | 06 51 43.0 +1.1 |
| SMRF | comp=N,29µm,0.2s | | eSg | Sn | 06 51 57.2 -1.7 |
| SMRF | comp=N,29µm,0.2s | | eSg | Sn | 06 52 00.2 +1.5 |
| REMY | Saint-Rhmy-en | 1.35 356 | P | Pn | 06 51 42.4 +0.9 |
| REMY | Saint-Rhmy-en | 1.35 356 | P | Pn | 06 51 42.2 +0.8 |
| REMY | comp=N,119µm,1.5s | | AML | AML | |
| REMY | comp=N,71µm,1.2s | | AML | AML | |
| ARTF | Artigues | 1.41 231 | Pn | Pn | 06 51 42.8 +0.8 |
| ARTF | Rustrel | 1.42 248 | Pn | Pn | 06 52 01.7 +1.4 |
| RUSF | Rustrel | 1.42 248 | Pn | Pn | 06 51 44.1 +0.9 |
| RUSF | Pavia | 1.48 61 | Pn | Pn | 06 52 04.0 +1.0 |
| EUCT | comp=N,1034µm,1.3s | | AML | AML | |
| EUCT | comp=N,1034µm,1.3s | | AML | AML | |
| EUCT | comp=N,691µm,0.3s | | AML | AML | |
| EUCT | comp=N,2510µm,0.1s | | AML | AML | |
| EUCT | comp=N,1366µm,0.1s | | AML | AML | |

| | | | | | |
|-------|---------------------------|----------|-----|-----|-----------------|
| ARBFB | Arbois | 1.74 236 | Pn | Pn | 06 51 48.1 +1.6 |
| ARBFB | Arbois | 1.74 236 | Pg | Pg | 06 51 49.9 +1.3 |
| ARBFB | Arbois | 1.74 236 | Sb | Sb | 06 52 11.3 +1.1 |
| VIVF | Saint-Julien-I | 1.91 282 | eP | eP | 06 51 50.5 +1.5 |
| VIVF | comp=N,8.3nm,0.2s | | eS | Sn | 06 52 10.8 -1.9 |
| VIVF | comp=N,32nm,0.3s | | eSg | Sb | 06 52 17.8 +2.6 |
| OG35 | Corcelles | 1.98 322 | Pn | Pn | 06 51 52.0 +2.1 |
| OG35 | Corcelles | 1.98 322 | Pg | Pg | 06 51 53.6 +0.9 |
| EQUI | Equi | 2.07 98 | P | Pn | 06 52 21.2 +0.4 |
| CABF | La Chapelle | 2.29 338 | eP | eP | 06 51 51.1 0.0 |
| CABF | La Chapelle | 2.29 338 | eP | eP | 06 51 56.5 +2.3 |
| CABF | comp=N,18nm,0.3s | | eSg | Sb | 06 52 00.0 +2.0 |
| PGF | Pioggiola | 2.30 147 | ePn | ePn | 06 52 29.2 +3.2 |
| PGF | Pioggiola | 2.30 147 | eS | Sn | 06 51 53.1 -1.3 |
| PGF | Pioggiola | 2.30 147 | P | P | 06 52 20.1 -2.2 |
| PGF | Pioggiola | 2.30 147 | P | P | 06 51 53.0 -1.3 |
| PGF | Pioggiola | 2.30 147 | P | P | 06 51 55.0 0.0 |
| MAIM | Mastiano | 2.36 103 | AML | AML | |
| MAIM | comp=N,66µm,1.6s | | AML | AML | |
| TUE | Stuetta | 2.45 35 | P | P | 06 51 56.1 -0.3 |
| TUE | comp=N,37µm,1.6s | | AML | AML | |
| TUE | comp=N,50µm,1.3s | | AML | AML | |
| LASF | Ste Croix | 2.51 262 | ePn | Pn | 06 51 57.3 +0.1 |
| LASF | Ste Croix | 2.51 262 | ePn | Pn | 06 52 03.7 +1.9 |
| LASF | comp=N,11nm,0.3s | | eS | Sn | 06 52 26.9 -0.5 |
| POPM | Popiglio | 2.52 99 | AML | AML | |
| POPM | comp=N,51µm,1.3s | | AML | AML | |
| POPM | comp=N,51µm,1.3s | | AML | AML | |
| AJAC | Base Aeronaval | 2.77 157 | AML | AML | 06 51 59.4 -1.4 |
| AJAC | Base Aeronaval | 2.77 157 | AML | AML | |
| AJAC | comp=N,102µm,1.4s | | AML | AML | |
| AJAC | comp=N,175µm,1.3s | | AML | AML | |
| CHMF | Charmolle | 2.79 351 | Pn | Pn | 06 52 02.7 +1.6 |
| CHMF | Charmolle | 2.79 351 | Sn | Sn | 06 52 35.3 +0.8 |
| SMPL | Sampolo | 2.80 148 | P | P | 06 52 00.8 -0.3 |
| SMPL | Sampolo | 2.80 148 | AML | AML | |
| SMPL | comp=N,31µm,1.6s | | AML | AML | |
| LBL | Lubilhac | 2.98 286 | Pn | Pn | 06 52 05.0 +1.3 |
| LBL | Lubilhac | 2.98 286 | Pg | Pg | 06 52 11.8 +2.0 |
| OSSC | Osservatorio P | 3.00 107 | P | P | 06 52 04.1 +0.2 |
| CASP | Castiglione de | 3.09 122 | P | P | 06 52 03.9 -1.3 |
| SMF | Signal de Mont | 3.25 313 | eP | eP | 06 52 05.5 +2.2 |
| SMF | comp=N,8.6nm,0.3s | | eSg | Sn | 06 52 44.1 -1.5 |
| SMF | comp=N,8.6nm,0.3s | | eSg | Sg | 06 52 59.3 -2.2 |
| PYM | Petit Puy Mans | 3.29 294 | Pn | Pn | 06 52 09.6 +1.7 |
| DAVA | Damuels | 3.32 32 | eP | Pn | 06 52 10.5 +2.0 |
| DAVA | comp=N,0.8nm,0.2s | | i | Sn | 06 52 49.5 +1.9 |
| AGO | Saint Agoulin | 3.34 299 | Pn | Pn | 06 52 10.1 +1.6 |
| HINF | Hinteralfeld | 3.34 355 | eP | Pn | 06 52 09.9 +1.3 |
| HINF | comp=N,4.8nm,0.2s | | eSg | Sg | 06 52 46.0 -1.9 |
| HINF | comp=N,6.9nm,0.3s | | eSg | Sg | 06 53 01.6 -2.8 |
| FETA | Feichten | 3.48 42 | i | Pn | 06 52 15.0 +4.4 |
| FETA | comp=N,0.6nm,0.3s | | i | Sn | 06 52 56.1 +4.5 |
| HAU | Haudompre | 3.58 350 | eP | Pn | 06 52 13.7 +1.9 |
| HAU | Haudompre | 3.58 350 | eS | Sn | 06 52 51.6 -2.1 |
| AVF | Avril sur Loir | 3.60 311 | eP | Pn | 06 52 14.0 +1.9 |
| AVF | comp=N,1.4nm,0.2s | | eSg | Sg | 06 52 52.8 -1.7 |
| AVF | comp=N,1.4nm,0.2s | | eSg | Sg | 06 53 10.7 -2.0 |
| LOR | Lormes | 3.67 320 | eP | Pn | 06 52 15.0 +1.8 |
| LOR | comp=N,7.5nm,0.4s | | eS | Sn | 06 52 54.7 -1.4 |
| LOR | comp=N,6.4nm,0.3s,baz=140 | | eS | Sn | 06 52 54.7 -1.4 |
| LOR | comp=N,6.2nm,0.3s,baz=140 | | eSg | Sg | 06 53 12.6 -2.5 |
| SSF | Saint Sauleve | 3.70 315 | eP | Pn | 06 52 15.5 +2.0 |
| SSF | comp=N,4.4nm,0.3s | | eSg | Sn | 06 52 55.2 -1.4 |
| SSF | comp=N,4.4nm,0.3s | | eSg | Sn | 06 53 13.3 -2.5 |
| BGF | Bois d'Angland | 3.75 305 | eP | Pn | 06 52 16.4 +2.2 |
| BGF | Bois d'Angland | 3.75 305 | eS | Sn | 06 52 59.3 +1.3 |
| BGF | Bois d'Angland | 3.75 305 | eSg | Sg | 06 53 14.9 -2.7 |
| CAF | Calviac | 3.76 278 | eP | Pn | 06 52 16.1 +1.7 |
| CAF | Calviac | 3.76 278 | eS | Sn | 06 52 57.6 -0.7 |
| CAF | Calviac | 3.76 278 | eSg | Sg | 06 53 15.8 -2.1 |
| CAF | comp=N,4.8nm,0.4s | | eSg | Sg | 06 52 15.3 +0.5 |
| SJAF | Saint Jean de | 3.79 240 | Pn | Pg | 06 52 29.7 -0.1 |
| ATPI | Pietralunga e | 3.82 104 | S | Pg | 06 53 15.0 -4.8 |
| MTLF | Montolieu | 3.85 254 | ePn | Pn | 06 52 16.3 +0.7 |
| MTLF | comp=N,4.4nm,0.2s | | eSg | Sb | 06 52 58.7 -1.8 |
| MTLF | comp=N,4.4nm,0.2s | | eSg | Sb | 06 53 16.5 +5.5 |
| SQTA | Sankt Quirin | 3.86 44 | ePn | Pn | 06 52 20.3 +4.6 |
| SQTA | comp=N,0.9nm,0.2s | | eS | Sn | 06 53 05.1 +4.4 |
| MOTA | Moosalm | 3.89 42 | i | Pn | 06 52 19.0 +2.7 |
| MOTA | comp=N,0.7nm,0.2s | | eS | Sn | 06 53 05.1 +3.4 |
| MOTA | comp=N,2.8nm,0.5s | | eS | Sn | 06 52 17.4 +0.8 |
| CDF | Champ du Feu | 3.92 360 | eP | Pn | 06 52 59.7 -2.6 |
| CDF | Champ du Feu | 3.92 360 | eS | Sn | 06 52 20.1 +2.3 |
| TCF | Toulx Ste Croi | 4.01 298 | eP | Pn | 06 53 02.7 -1.8 |
| TCF | comp=N,3.9nm,0.3s | | eSg | Sg | 06 53 23.2 -2.8 |
| TCF | comp=N,2.5nm,0.3s | | eSg | Sg | 06 52 20.6 +2.5 |
| SFTF | Sextfontaines | 4.03 338 | eP | Pn | 06 53 02.6 -2.3 |
| SFTF | comp=N,6.8nm,0.2s | | eS | Sn | 06 52 22.0 +2.8 |
| FNEB | Nbias | 4.09 249 | Pn | Pn | 06 52 20.8 +1.9 |
| WTTA | Wattenberg | 4.10 46 | eP | Pn | 06 52 22.0 +2.8 |
| WTTA | comp=N,0.6nm,0.2s | | eS | Sn | 06 53 11.0 +4.2 |
| WTTA | comp=N,9.0nm,0.9s | | eS | Sn | 06 52 22.7 +2.4 |
| RJF | Les Rejaudoux | 4.19 283 | eP | Pn | 06 53 06.9 -2.0 |
| RJF | Les Rejaudoux | 4.19 283 | eS | Sn | 06 52 22.1 +1.8 |
| TOLF | Tolla | | | | |

Table with columns: ILAR, Eielson Array, 85.67, 13 P, P, 07 14 46.4 -1.4

IDC 13 07:11:33.5-0.6, 27:10N:44:42W, h0km, mb4.1/20, mb1.4/320, mb1mx4.1/50, mbtmp4.1/20, MS4, 0/25, MS=14.7km, s-min=14.0, Error ellipse: s-maj=16.9km s-min=14.7km, az=146.0

NEIC 13 07:11:35.1-1.2, 27:0N:01:44:3W, 0.1, h10km, 1km, mb4.7/46, Error ellipse: s-maj=18.0km s-min=15.0km az=145.0

GCMT 13 07:11:37.1-0.3, 27:18N:03:44:35W, 0.02, h12km, MW4.8/109, Moment Tensor Solution. s27,c28; s109,c145; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.39e+07; Mbb=0.21e+09; Mbb2=1.7e+06; Mn=0.34e+35; Mbb=0.44e+06; Mbb=0.24e+26; Best double couple: M22=36200*10^16, NP1=186.000000, 842.000000, -1.89.000000, NP2=18.000000, 849.000000, -1.82.000000, Principal axes: P1g4.000000, Azm103.000000; N 0.1530, P1g6.000000, Azm193.000000, P -2.4410, P1g83.000000, Azm342.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 13 07:11:35.3-0.5, 27:02N:00:44:29W, 0.07, h10km, n91, 0.87775, mb4.5/37, MS4.0/25, Northern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: PDAR, Pinedale Array, 54.51, 305 P, P, 07 21 03.3 -0.3

IDC 13 07:19:32.3-1.8, 2:97S: 129:66E, h0km, mb3.4/2, mb1.3/54, mb1mx3.3/38, mbtmp3.4/4, ML3.3/2, Error ellipse: s-maj=49.7km s-min=22.9km az=98.0

DJA 13 07:19:33.0-0.4, 3:54:12 9E, h10km, M3.1/7, MLV3.1/7, ISC 13 07:19:33.0-0.9, 2:86S:0:09:129:40E, 0.07, h10km, n19, 0.15431, 11, Seram

Main station list table with columns: PDAR, Pinedale Array, 54.51, 305 P, P, 07 21 03.3 -0.3

Table with columns: MSAI, Masohi, 0.68, 224 P, Pn, 07 19 48.1 -0.6

IDC 13 07:20:12.7-1.3, 35:96N:139:90E, h73km, 12km, mb3.5/17, mb1.3/8/21, mb1mx3.6/49, mbtmp3.9/21, MS3.1/4, MS1.3/14, ms1mx2.7/48, Error ellipse: s-maj=16.0km s-min=8.6km az=68.0

NEIC 13 07:20:12.9-1.9, 36:05N:0:06:139:97E, 0.07, h70km, 5km, mb4.4/15, Error ellipse: s-maj=9.7km s-min=7.3km az=128.0

JMA 13 07:20:12.5-0.1, 36:02N:139:92E, h66km, 1km, M3.5 Broadband fault plane solution: P waves. NP1: q=77.000000, 833.000000, -1.85.000000, NP2: 251.000000, 857.000000, -1.93.000000, Principal axes: P 1g12.000000, Azm343.000000; N 1g13.000000, Azm252.000000; P 1g178.000000, Azm149.000000

JMA Falt J1, NIED 13 07:20:12.6, 36:02N:139:92E, h66km, MW4.2, Moment Tensor Solution: s3 Moment tensor: Scale 10^15Nm; Mn=1.45; Mbb=1.28; Mbb=0.17; Mbb=0.65; Mbb=0.95; Mbb=0.86; Fault plane solution: Ms=1.970000, 1015. NP1: q=225.000000, 832.000000, -1.108.000000, NP2: q=77.000000, 832.000000, -1.82.000000

ISC 13 07:20:12.5-0.7, 36:00N:0:05:139:96E, 0.05, h68km, 6km, n80, 0.99882, mb4.2/28, 1C-4D, Eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like Traversella, Bardonecchia, Montbardor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like Ternate, Sangihe, Cibinong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like CTA, CTAO, UTHA, etc.

Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, etc. Includes stations like MIAR, TPNV, GRAC, etc.

Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, etc. Includes stations like ISCO, HICK, DUG, etc.

Table with columns: Station, Name, Frequency, Power, Mode, Date, Time, etc. Includes stations like HLID, LOHW, J05D, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code. Includes stations like Palmer, Glory Hole Cre, Coen, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code. Includes stations like LZH, VSR, CMAR, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code. Includes stations like COEN, CTAO, FAKI, etc.

13d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WMQ, LZH, DGZ, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MBAR, GERES, BRTR, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SCM, PMR, MENT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GERES, BRTR, MKAR, ZALV, AKASG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF, FUNA, TARA, KRVT, PMG, EIDS, CTA, CTAO, MANU, ARMA, KNTN, COEN, URZ, OTVZ, BKZ, NMHZ, BHHZ, KWHZ, MCHZ, KRHZ, KAHZ, MRZ, BFZ, BRFZ, MCHZ, HOWZ, CAW, MTW, THZ, PAWZ, BSWZ, CMWZ, STKA, KHZ, LKZ, LTZ, GVTZ, WR0, WB0, WB2, WRA, AS31, ASAR, ASAR, BBOO, MFKI, MFTN, FAKI, KNRA, SWI, FITZ, FORT, PSA00, KAPI, TOLIF, JIGF, JMJN, UGAR, UJW, JNT, NJ2, USRK, USRK, USRK, VNTA, PEDA, GSI, SPIA, HHC, CMAR, LMRZ, LZH, LZH, LZH, YAK, BILL, PRZ, NEZ, DVHZ, ANWZ, ASAR, WRA, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ORV, CCB, HUMO, HUMO, COLA, ILAR, ILLAR, DOR, DOR, PNTR, COLD, K05A, K05A, PAHR, LHV, NVAR, NVAR, EGAK, EGAK, I07A, WVOR, J08A, TIXI, TIXI, E07A, G08A, HAWA, PRN, BMO, BELA, MFID, NEW, X16A, HLID, HLID, WMO, 319A, DLMT, PDAR, C36M, MK31, MK31, TXAR, MAKZ, MAKZ, YKA, STEI, VNA3, VNA2, KSH, KSH, KSH, HAMF, ARAO, ARCES, KTKK, TRO, STEI, LOF, FAUS, KONS, M08B, STOK, FINES, NSS, NB2, NB2, NOA, AKASG, BRTR, CLL, GERES, KEST, ESDD, ESDD, Code, Station Name, Az, AzZ, Phase ID, Time, Res.

IDC 13 17:04:46.9±2.5, 2.11N, 127.03E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/24, mbtmp3.5/3, Error ellipse: s-maj=221.7km x-min=26.9km az=66.0, Northern Molucca Sea

IDC 13 17:04:46.9±2.5, 2.11N, 127.03E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/24, mbtmp3.5/3, Error ellipse: s-maj=221.7km x-min=26.9km az=66.0, Northern Molucca Sea

IDC 13 17:04:46.9±2.5, 2.11N, 127.03E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/24, mbtmp3.5/3, Error ellipse: s-maj=221.7km x-min=26.9km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, WEL, DCZ, MLZ, MSZ, WHZ, WHZ, PYZ, WZK, EAZ, JCZ, APZ, TUZ, TUZ, SYZ, LBZ, LBZ, ODZ, GCSZ, ARCD, RPZ, WVZ, OXZ, INZ, MQZ, LGZ, AMCZ, OKCZ, GYZ, DSZ, THZ, QRZ, NRZ, CAW, MTW.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, WEL, DCZ, MLZ, MSZ, WHZ, WHZ, PYZ, WZK, EAZ, JCZ, APZ, TUZ, TUZ, SYZ, LBZ, LBZ, ODZ, GCSZ, ARCD, RPZ, WVZ, OXZ, INZ, MQZ, LGZ, AMCZ, OKCZ, GYZ, DSZ, THZ, QRZ, NRZ, CAW, MTW.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, WEL, DCZ, MLZ, MSZ, WHZ, WHZ, PYZ, WZK, EAZ, JCZ, APZ, TUZ, TUZ, SYZ, LBZ, LBZ, ODZ, GCSZ, ARCD, RPZ, WVZ, OXZ, INZ, MQZ, LGZ, AMCZ, OKCZ, GYZ, DSZ, THZ, QRZ, NRZ, CAW, MTW.

IDC 13 17:47:10.0±15.0, 31.14S, 179.31W, h535km, 221km, mb2.5/2, mb1 3.0/3, mb1mx2.8/26, mbtmp3.8/3, Error ellipse: s-maj=310.6km x-min=43.5km az=2.0

IDC 13 17:47:10.0±15.0, 31.14S, 179.31W, h535km, 221km, mb2.5/2, mb1 3.0/3, mb1mx2.8/26, mbtmp3.8/3, Error ellipse: s-maj=310.6km x-min=43.5km az=2.0

IDC 13 17:47:10.0±15.0, 31.14S, 179.31W, h535km, 221km, mb2.5/2, mb1 3.0/3, mb1mx2.8/26, mbtmp3.8/3, Error ellipse: s-maj=310.6km x-min=43.5km az=2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, HAZ, PKGZ, PUZ, TWGZ, CNGZ, TKGZ, MARZ, URZ, URZ, URZ, RIGZ, TOZ, MUGZ, MUGZ, PRGZ, PRGZ, RNZ, KNZ, RAHZ, MTHZ, MTHZ, NMHZ, NMHZ, ARHZ, ARHZ, BKZ, BKZ, HIZ, MCHZ, CKHZ, KWHZ, KWHZ, KAHZ, PAVZ, PRWZ, WAZ, NEZ, DVHZ, ANWZ, ASAR, WRA, FINES, NEIC, IDC, SANVU, HNR, DZM, DZM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, HAZ, PKGZ, PUZ, TWGZ, CNGZ, TKGZ, MARZ, URZ, URZ, URZ, RIGZ, TOZ, MUGZ, MUGZ, PRGZ, PRGZ, RNZ, KNZ, RAHZ, MTHZ, MTHZ, NMHZ, NMHZ, ARHZ, ARHZ, BKZ, BKZ, HIZ, MCHZ, CKHZ, KWHZ, KWHZ, KAHZ, PAVZ, PRWZ, WAZ, NEZ, DVHZ, ANWZ, ASAR, WRA, FINES, NEIC, IDC, SANVU, HNR, DZM, DZM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, HAZ, PKGZ, PUZ, TWGZ, CNGZ, TKGZ, MARZ, URZ, URZ, URZ, RIGZ, TOZ, MUGZ, MUGZ, PRGZ, PRGZ, RNZ, KNZ, RAHZ, MTHZ, MTHZ, NMHZ, NMHZ, ARHZ, ARHZ, BKZ, BKZ, HIZ, MCHZ, CKHZ, KWHZ, KWHZ, KAHZ, PAVZ, PRWZ, WAZ, NEZ, DVHZ, ANWZ, ASAR, WRA, FINES, NEIC, IDC, SANVU, HNR, DZM, DZM.

IDC 13 18:08:23.0±0.5, 24.226S, 67.50W, h205km, 9km, MLC3.9, IDC 13 18:08:24.6±1.2, 23.95S, 67.19W, h188km, 16km, mb4.0/1, mb1 3.3/7, mb1mx3.1/30, mbtmp3.8/7, Error ellipse: s-maj=23.25km x-min=20.1km az=160.0, IDC 13 18:08:23.5±0.8, 24.205S, 67.39W, 0.09, h183km, 11km, n24, 0.152/39, 6C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AC02 Maricunga, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IURH baz=39, IDJK Dnyngjukoll, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD Torodi Ar. Bea, GAR Gamp, etc.

NEIC 13 18:30:22.91.8, 37.39N, 0.06:142.57E:0.05, h3km, 3km, mb4.9/9, Error ellipse: s-maj=8.7km s-min=5.8km az=173.0

IDC 13 18:30:22.3.1.4, 37.34N:142.77E, h0km, mb3.7/7, mb1 3.8/10, mb1mx3.6/44, mbmp3.7/10, ML2.9/3, Error ellipse: s-maj=43.4km s-min=19.8km az=74.0

JMA 13 18:30:22.8.0.2, 37.37N:142.47E, h12km, 3km, M4.0 NIED 13 18:30:22.9, 37.37N:142.47E, h12km, MWS 6.6 Moment Tensor Solution: Scale 10^14Nm Min: 2.60; Mxx: 0.48; Myy: 2.12; Mzz: 1.18; Mxy: 1.45; Mxz: 0.81; Fault plane solution: M3 14000x10^14 NP1: 223.00000, 659.00000, -76.00000, -17.00000, 834.00000, -112.00000.

ISC 13 18:30:27.5.3.4, 37.40N:0.05:142.48E:0.08, h30km, 23km, n59, c1562/56, mb3.9/11, Off east coast of Honshu

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JFK Kawachi, JMST Minamisoumatoc, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IURH baz=39, IDJK Dnyngjukoll, IDJK baz=151, etc.

WEL 13 18:43:57.3, 45.5 S:3.16 8E:1, h5km, 2km, M2.6/8, ML2.6/8, ML2y/8, Error ellipse: s-maj=0.0km s-min=0.0km az=109.5, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSZ Milford Sound, WKZ Waka, etc.

IDC 13 18:48:40.7.2.1, 4.79N:126.91E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/48, mbtmp3.4/3, Error ellipse: s-maj=148.7km s-min=26.7km az=66.0, Talaud Islands

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

WEL 13 19:15:38.2, 38.52 S:17.7E:1, h155km, 3km, M2.6/3, ML2.6/3, Error ellipse: s-maj=0.0km s-min=0.0km az=121.9, North Island

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, MARZ Manawaha, TGRZ Tauranga, etc.

IDC 13 19:24:58.3.0.5, 56.65S:150.68W, h0km, mb4.4/10, mb1 4.6/10, mb1mx4.4/24, mbtmp4.4/10, MS3.9/12, MS1 3.8/12, ms1mx3.7/22, Error ellipse: s-maj=26.8km s-min=18.0km az=69.0

NEIC 13 19:24:59.7, 1.9, 56.8S:0.1:150.5W:0.2, h10km, 1km, mb5.0/4.0, Error ellipse: s-maj=25.2km s-min=18.7km az=14.0

ISC 13 19:24:59.6.0.4, 56.8S:0.1:150.5W:0.09, h10km, n116, c0596/90, mb5.0/28, MS3.8/15, 2C, Pacific-Antarctic Ridge

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VVDA Vanda, VVDA comp=Z, 157nm, 18.3s, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like DGZ, WMQ, CMAR, ZALV, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like KBL, ABKAR, KIRV, DZM, YKA, GEYT, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like LPAZ, H03N2, H03N3, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Kalavryta, Ach Gaura, GUR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like Anoyia, Anoyia, Timpagrande, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like MOTA, Davos/Dischmat, MOUNT Meron Ar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Fire Island, Rabbit Creek A, Susitna Watana, Hurricane, Sheep Creek Mo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Toolik Lake Re, Whitehorse, Ethiopian Broa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Boshof, GRESS Array B, Kowa, etc.

13d 23h

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists various stations like PRWZ, TWZ, MRZ, etc.

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists stations like IBDR, IGHG, IDHR, etc.

2014 DEC

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists stations like IVIS, KER, IKOM, etc.

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists stations like KRVT, HNR, WRA, etc.

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists stations like RHSSO, BEO, and various stations in the Northwestern Balkan Peninsula.

PERS Pernice 0.25 7 i Pg Pg 23 27 20.6 -1.1

Station information for PERS Pernice, including coordinates, time, and resolution.

Table with columns: Code, Station Name, s-min, s-max, North Island, Phase ID, Time, Res, ISC. Lists stations like ALJI, COEB, TECA, etc.

14d 0h

2018 DEC

Table of astronomical observations for the first 14 days of December 2018. Columns include station name (e.g., H58A, LONY), time of observation, and various parameters like elevation, azimuth, and signal-to-noise ratio.

Table of astronomical observations for the first 14 days of December 2018. Columns include station name (e.g., YKA, YKA), time of observation, and various parameters like elevation, azimuth, and signal-to-noise ratio.

Table of astronomical observations for the first 14 days of December 2018. Columns include station name (e.g., ARXS, ARXS), time of observation, and various parameters like elevation, azimuth, and signal-to-noise ratio.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ARCR, AKASG, AKASG, AKBB, AKBB, BUR08, BURAR, GZR, HERR, BIZ, SORM, KEST, MLR, FLOR, N56A, VRI, SSPA, MILM, VTS, P57A, CFR, Q58A, P56A, EYMN, EYMN, R58A, FFC, ULM, ULM, ULM, R57A, B35A, S58A, S58A, YKA, YKA, AGG, Q53A, T58A, AGMN, AGMN, AGMN, U58A, V59A, SPMN, SPMN, SPMN, U56A, U56A, U56A, F33A, F33A, MDND, L40A, V54A, K38A, TZTN, KMSC, W54A, PAULI, PAULI, X55A, BG3, E28A, E28A, X54A, ECSD, ECSD, ECSD, NHSC, Z57A, Y55A, DGMT, DGMT, ARU, ARU, ARU, W50A, BR13, BRTR, BRTR, BRTR, X51A, V48A, WVT, GOGA, GOGA, GOGA, FPAL, CCM, CCM, TAM, PBMO, KIV, KIV, Z51A.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like X48A, PLAL, Y49A, KBZ, KBZ, 152A, MGMO, S39A, TIGTA, EGMT, EGMT, LRAL, KSVI, U40A, WALA, IL31, ILAR, ILAR, ILAR, W41B, AKH, AKTO, RLMT, W39A, X40A, MIAR, TUL1, K22A, BOZ, BOZ, M50, GNI, GNI, Z41A, PHWY, H17A, ABKAR, MARD, KSCO, N23A, MOOW, PD31, PDAR, PDAR, PDAR, BW06, BW06, MMAI, TPWA, ISCO, X34A, BRVK, WMOK, WMOK, NATX, O20A, O20A, HLID, T25A, T25A, SDCO, EIL, S22A, TOAO, TORO, TORO, TORO, PV05, PV05, MVCO, ANMO, ANMO, JCT, JCT, JCT, J05D, SPR3, ZALV, KURK, U15A, R11A, WUAZ, WUAZ, WUAZ, DBIC, DBIC, GEYT, NVAR, NVAR, NVAR, TX31, TXAR, TXAR, TPNV.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like TPNV, GRAC, FURC, KKAR, TUC, CWC, MPMC, GMRC, GSC, GSC, ISA, ISA, BELC, BC3, SDV, GLA, EDW2, MKR1, MKR1, MKR1, MKR1, PFO, PFO, BTK, ZAI, ZAI, ZAI, ZAR, PTC, KSH, KSH, KSH, KSH, DBBC, SPBC, WMQ, NORC, ROSC, TOLC, GTA, GTA, GTA, HHC, HHC, HHC, LZH, LZH, LZH, LZH, KSRS, NJ2, NJ2, NJ2, MNCM, BOSA, WRA, ASAR, ASAR, QSPA.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ABA, ABA, EMHD, OKGL, EIBI, EIBI, ETOS, ETOS, EBEN, EBEN, AFON, AFON, EMUR, EMUR, ETOB, ETOB, ENJE, ENJE, ECHE, EMOS, EMOS, SESP, SESP, EBER, EBER, ERTA, ERTA, EQES, EQES, EPOB, EPOB, EPOB, EQUATE, EQUATE, CFON.

| | | | | | | | |
|------|---------------------------------------------|-------|-----|-----|-------|------------|------|
| DVHZ | Dannevirke | 10.71 | 205 | P | Pn | 07 16 36.3 | -3.8 |
| LREZ | Lake Rotokare | 10.74 | 213 | P | Pn | 07 16 47.1 | +6.5 |
| NEZ | North Egmont | 10.75 | 215 | P | Pn | 07 16 45.0 | +4.2 |
| POWZ | Post Office Rg | 10.94 | 206 | P | Pn | 07 16 42.4 | -0.8 |
| PRWZ | Porirua | 11.00 | 205 | P | Pn | 07 16 40.2 | -4.0 |
| BFZ | Birch Farm | 11.02 | 204 | P | Pn | 07 16 38.1 | -6.3 |
| MRZ | Mangatainoka R | 11.24 | 206 | P | Pn | 07 16 41.8 | -5.6 |
| HOWZ | Holdsworth Sta | 11.47 | 206 | P | Pn | 07 16 44.7 | -5.8 |
| TMWZ | Te Maipa | 11.52 | 204 | P | Pn | 07 16 45.3 | -5.9 |
| QRZ | Quartz Range | 12.71 | 215 | P | Pn | 07 17 06.4 | -1.1 |
| BSWZ | Blackbirch Sta | 12.81 | 209 | P | Pn | 07 17 05.1 | -3.8 |
| MSVF | Nonsau | 13.39 | 343 | P | Pn | 07 17 14.6 | -2.4 |
| MSVF | comp=Z,2um,19.1s,baz=184,slow=34 | | | | LR | 07 21 36.8 | |
| MSVF | Nonsau | 13.39 | 343 | eP | Pn | 07 17 17.2 | +0.2 |
| KHZ | Kahurangi | 13.54 | 208 | P | Pn | 07 17 13.8 | -4.9 |
| RPZ | Rata Peaks | 15.65 | 211 | P | Pn | 07 17 42.7 | -4.0 |
| RPZ | 1.9nm,0.3s,baz=198,slow=16,SNR=2.9 | | | | Sn | 07 20 24.5 | -1.4 |
| DZM | Mont Dumac | 16.37 | 298 | ePn | P | 07 17 57.8 | -0.7 |
| DZM | 2um,26.1s | | | | eLQ | 07 21 00.0 | |
| DZM | comp=Z,6um,25.3s | | | | eLR | 07 21 40.9 | |
| DZM | Mont Dumac | 16.37 | 298 | P | P | 07 18 01.4 | +3.0 |
| DZM | 2.2nm,0.3s,baz=141,slow=16,SNR=13 | | | | LR | 07 21 43.4 | |
| DZM | comp=Z,7.25nm,21.3s,baz=120,slow=28 | | | | LR | 07 21 43.4 | |
| RAR | Rarotonga | 18.87 | 64 | P | P | 07 18 24.9 | -1.0 |
| RAR | 1.6nm,0.3s,baz=224,slow=6.1,SNR=4.5 | | | | P | 07 18 24.9 | -1.0 |
| RAR | Rarotonga | 18.87 | 64 | P | P | 07 18 24.9 | -1.0 |
| RAR | comp=Z,5.1nm,1.1s | | | | pmx | 07 18 24.9 | -1.0 |
| RAR | Rarotonga | 18.87 | 64 | P | P | 07 18 24.9 | -1.0 |
| LHI | Lord Howe Isla | 19.68 | 262 | P | Pn | 07 18 37.8 | +1.4 |
| LHI | 1.6nm,0.3s,baz=20,SNR=4.9 | | | | P | 07 18 37.8 | +1.4 |
| LHI | Lord Howe Isla | 19.68 | 262 | P | P | 07 18 33.5 | -1.1 |
| LHI | comp=Z,10.2nm,0.7s | | | | Iamb | 07 18 41.5 | |
| ARMA | Armialde | 26.14 | 263 | P | P | 07 19 43.1 | +3.7 |
| ARMA | baz=26,SNR=13 | | | | P | 07 19 43.1 | +3.7 |
| ARMA | Armialde | 26.14 | 263 | P | P | 07 19 43.5 | +4.0 |
| ARMA | Riverview | 26.24 | 255 | P | P | 07 19 44.1 | +4.0 |
| ARMA | baz=26,SNR=4.7 | | | | P | 07 19 44.1 | +4.0 |
| MGCD | Mangrove Creek | 26.31 | 256 | P | P | 07 19 45.0 | +4.2 |
| MGCD | baz=27,SNR=11 | | | | P | 07 19 45.0 | +4.2 |
| TBI | Tubuai | 26.39 | 81 | eS | S | 07 24 10.1 | -1.7 |
| TBI | comp=Z,4.93nm,30.8s | | | | eLR | 07 26 23.5 | |
| TBI | comp=Z,2um,27.5s,baz=247 | | | | eLR | 07 26 23.5 | |
| TBI | Tubuai | 26.39 | 81 | eT | T | 07 24 09.0 | |
| TBI | comp=Z,1.46nm,0.4s | | | | P | 07 24 09.0 | |
| CNB | Canberra Magne | 27.07 | 252 | P | P | 07 19 56.8 | +3.4 |
| CNB | baz=28,SNR=38 | | | | P | 07 19 56.8 | +3.4 |
| EIDS | Eidsvold | 27.77 | 273 | P | P | 07 19 55.8 | +1.8 |
| EIDS | baz=28,SNR=12 | | | | P | 07 19 55.8 | +1.8 |
| EIDS | Eidsvold | 27.77 | 273 | P | P | 07 19 56.2 | +2.2 |
| EIDS | comp=Z,2.9nm,1.4s | | | | Iamb | 07 20 01.0 | |
| KNTN | Kanton | 28.39 | 13 | P | P | 07 19 57.9 | -1.7 |
| KNTN | comp=Z,2.4nm,0.8s | | | | Iamb | 07 20 19.9 | |
| YNG | Young | 28.52 | 254 | P | P | 07 20 03.9 | +3.3 |
| YNG | baz=29,SNR=35 | | | | P | 07 20 03.9 | +3.3 |
| PAE | Paea | 28.88 | 70 | eT | T | 07 50 14.9 | |
| PAE | comp=Z,4.2nm,0.3s | | | | P | 07 50 14.9 | |
| PPT2 | Papeete | 28.92 | 70 | eS | S | 07 24 53.3 | +1.4 |
| PPT2 | comp=Z,3.64nm,27.2s | | | | LR | 07 27 28.6 | |
| PPT2 | comp=Z,2um,26.5s,baz=235 | | | | eLR | 07 27 28.6 | |
| PPT2 | Papeete | 28.92 | 70 | eT | T | 07 50 18.7 | |
| PPT2 | comp=Z,3.1nm,0.3s | | | | P | 07 50 18.7 | |
| PPT | Papeete | 28.93 | 70 | LR | LR | 07 28 55.3 | |
| PPT | comp=Z,64nm,19.4s,baz=240,slow=31 | | | | P | 07 28 55.3 | |
| TVO | Taravao | 29.08 | 70 | eT | T | 07 50 30.0 | |
| TVO | comp=Z,8.6nm,0.3s | | | | P | 07 50 30.0 | |
| TIAR | Tiare | 29.12 | 70 | eT | T | 07 50 33.1 | |
| TIAR | comp=Z,8.8nm,0.4s | | | | P | 07 50 33.1 | |
| RMQ | Roma | 29.45 | 270 | P | P | 07 20 12.1 | +3.2 |
| RMQ | baz=30,SNR=44 | | | | P | 07 20 12.1 | +3.2 |
| MEH | Mehetia | 30.00 | 72 | eT | T | 07 51 39.0 | |
| MEH | comp=Z,3.9nm,0.3s | | | | P | 07 51 39.0 | |
| MOO | Moordlands | 30.13 | 237 | P | P | 07 20 16.8 | +2.0 |
| MOO | baz=30,SNR=5.1 | | | | P | 07 20 16.8 | +2.0 |
| TAU | Tasmania Unive | 30.14 | 236 | P | P | 07 20 16.7 | +1.9 |
| TAU | comp=Z,2.3nm,0.8s | | | | pmx | 07 20 16.7 | +1.9 |
| TAU | Tasmania Unive | 30.14 | 236 | P | P | 07 20 16.7 | +1.9 |
| TAU | comp=Z,2.2nm,0.8s | | | | Iamb | 07 20 17.3 | |
| TOO | Toolangi | 30.87 | 247 | P | P | 07 20 23.8 | +2.4 |
| TOO | baz=31,SNR=28 | | | | P | 07 20 23.8 | +2.4 |
| TOO | Toolangi | 30.87 | 247 | P | P | 07 20 23.6 | +2.1 |
| TOO | comp=Z,2.8nm,0.7s | | | | pmx | 07 20 23.6 | +2.1 |
| TOO | Toolangi | 30.87 | 247 | P | P | 07 20 23.6 | +2.1 |
| TOO | comp=Z,2.8nm,0.7s | | | | Iamb | 07 20 27.5 | |
| CMSA | Cobar Meteorol | 31.03 | 259 | P | P | 07 20 25.4 | +2.5 |
| CMSA | baz=31,SNR=108 | | | | P | 07 20 25.4 | +2.5 |
| VAH | Vaihoo | 31.76 | 68 | eT | T | 07 53 50.2 | |
| VAH | comp=Z,2.18nm,0.2s | | | | P | 07 53 50.2 | |
| QLP | Quilpie | 33.31 | 267 | P | P | 07 20 44.5 | +1.6 |
| QLP | baz=34,SNR=26 | | | | P | 07 20 44.5 | +1.6 |
| ARPS | Mount Arapiles | 33.78 | 249 | P | P | 07 20 48.8 | +1.8 |
| ARPS | baz=34,SNR=12 | | | | P | 07 20 48.8 | +1.8 |
| CTAO | Charters Tower | 33.86 | 280 | P | P | 07 20 49.9 | +2.1 |
| CTAO | comp=Z,1.78nm,0.7s | | | | pmx | 07 20 49.9 | +2.1 |
| CTAO | Charters Tower | 33.86 | 280 | P | P | 07 20 55.0 | +2.4 |
| CTAO | baz=35,SNR=289 | | | | P | 07 20 55.0 | +2.4 |
| STKA | Stephens Creek | 34.43 | 257 | P | P | 07 20 55.2 | +2.6 |
| STKA | comp=Z,2.68nm,0.6s,baz=98,slow=10,SNR=460 | | | | LR | 07 34 15.2 | |
| STKA | Stephens Creek | 34.43 | 257 | P | P | 07 20 54.9 | +2.2 |
| STKA | comp=Z,2.89nm,18.1s,baz=71,slow=35 | | | | P | 07 21 11.1 | +1.7 |
| STKA | Mount Surprise | 36.37 | 281 | P | P | 07 21 12.0 | +2.0 |
| STKA | baz=36,SNR=187 | | | | P | 07 21 12.0 | +2.0 |
| HTT | Hallett | 36.44 | 254 | P | P | 07 21 29.9 | +0.4 |
| HTT | baz=37,SNR=139 | | | | P | 07 21 29.9 | +0.4 |
| PMG | Port Moresby | 37.56 | 296 | P | P | 07 21 29.9 | +0.4 |
| PMG | comp=Z,1.4nm,0.8s | | | | pmx | 07 21 29.9 | +0.4 |
| PMG | Port Moresby | 37.56 | 296 | P | P | 07 21 29.9 | +0.4 |
| RKT | Rikitea | 38.90 | 89 | eS | S | 07 27 28.3 | +2.4 |
| RKT | comp=Z,1.58nm,32.2s | | | | eLR | 07 32 05.5 | |
| BBOO | Buckleboo | 38.91 | 255 | P | P | 07 21 31.9 | +1.2 |
| BBOO | baz=39,SNR=154 | | | | P | 07 21 31.9 | +1.2 |
| BBOO | Buckleboo | 38.91 | 255 | P | P | 07 21 31.6 | +0.9 |
| BBOO | Qion | 39.35 | 275 | P | P | 07 21 35.6 | +1.0 |
| BBOO | baz=40,SNR=24 | | | | P | 07 21 35.6 | +1.0 |
| COEN | Coen | 39.37 | 286 | P | P | 07 21 36.4 | +1.7 |
| COEN | baz=40 | | | | P | 07 21 36.4 | +1.7 |
| COEN | Coen | 39.37 | 286 | P | P | 07 21 35.5 | +0.7 |
| COEN | comp=Z,3.6nm,0.7s | | | | Iamb | 07 21 37.1 | |
| AS31 | Alice Springs | 43.11 | 267 | P | P | 07 22 05.7 | +0.2 |
| AS31 | comp=Z,1.8nm,0.6s | | | | Iamb | 07 22 06.9 | |
| ASAR | Alice Springs | 43.11 | 267 | P | P | 07 22 05.3 | -0.1 |
| ASAR | comp=Z,4.6nm,0.5s,baz=104,slow=7.3,SNR=769 | | | | PKIKP | 07 39 59.0 | |
| ASAR | comp=Z,0.6nm,0.6s,baz=10,slow=6,SNR=4.0 | | | | LR | 07 39 59.0 | |
| ASAR | comp=Z,1um,18.2s,baz=115,slow=36 | | | | LR | 07 39 59.0 | |
| ASAR | Alice Springs | 43.11 | 267 | P | P | 07 22 05.0 | -0.5 |
| WR0 | Warramunga Arr | 43.95 | 273 | P | P | 07 22 12.0 | -0.2 |
| WR0 | Warramunga Arr | 44.09 | 272 | P | P | 07 22 13.4 | 0.0 |
| WR0 | baz=44 | | | | P | 07 22 13.4 | 0.0 |
| WC3 | Warramunga Arr | 44.12 | 272 | P | P | 07 22 13.5 | -0.1 |
| WRAB | Tennant Creek | 44.12 | 272 | P | P | 07 22 13.3 | -0.3 |
| WRAB | comp=Z,1.1nm,0.6s | | | | pmx | 07 22 13.3 | -0.3 |
| WRAB | Tennant Creek | 44.12 | 272 | P | P | 07 22 13.3 | -0.3 |
| WRAB | Warramunga Arr | 44.13 | 272 | P | P | 07 22 13.9 | +0.2 |
| WRA | comp=Z,100nm,0.5s,baz=111,slow=8.1,SNR=1028 | | | | S | 07 28 42.0 | -1.5 |
| WRA | comp=Z,2.8nm,1.1s,baz=108,slow=15,SNR=3.3 | | | | PKIKP | 07 30 58.4 | -0.7 |
| WRA | comp=Z,0.9nm,0.7s,baz=110,slow=0.4,SNR=7.1 | | | | PKIKP | 07 30 58.4 | -0.7 |

| | | | | | | | |
|-------|-------------------------------------------|-------|-----|---|------|------------|------|
| WRA | Warramunga Arr | 44.13 | 272 | P | P | 07 22 13.1 | -0.6 |
| WBO | Warramunga Arr | 44.13 | 272 | P | P | 07 22 13.1 | -0.6 |
| FORT | Forrest | 45.99 | 255 | P | P | 07 22 27.9 | -0.4 |
| FORT | SNR=38 | | | | P | 07 22 27.9 | -0.4 |
| FORT | Forrest | 45.99 | 255 | P | P | 07 22 27.6 | -0.7 |
| WRKA | Warakurna | 47.46 | 263 | P | P | 07 22 30.0 | -0.9 |
| VNDA | Vandergaard | 47.81 | 186 | P | P | 07 22 45.4 | +3.5 |
| VNDA | comp=Z,6.0nm,0.6s,baz=358,slow=7.8,SNR=28 | | | | LR | 07 39 48.7 | |
| VNDA | comp=Z,1.17nm,21.1s,baz=26,slow=32 | | | | LR | 07 39 48.7 | |
| VNDA | Vanda | 47.81 | 186 | P | P | 07 22 45.3 | +3.5 |
| VNDA | Kakadu | 48.99 | 280 | P | P | 07 22 51.7 | 0.0 |
| VNDA | baz=49,SNR=26 | | | | P | 07 22 51.7 | 0.0 |
| MTN | Manton Dam | 50.05 | 279 | P | P | 07 23 00.3 | +0.5 |
| MTN | baz=50,SNR=13 | | | | P | 07 23 00.3 | +0.5 |
| KNRA | Kunururra | 50.75 | 275 | P | P | 07 23 05.0 | -0.1 |
| KNRA | SNR=30 | | | | P | 07 23 05.0 | -0.1 |
| KNRA | Kunururra | 50.75 | 275 | P | P | 07 23 04.9 | -0.2 |
| KMBL | Kambalda | 50.96 | 253 | P | P | 07 23 06.0 | -0.5 |
| FITZ | Fitzroy Crossi | 52.38 | 270 | P | P | 07 23 17.1 | -0.1 |
| FITZ | baz=53,SNR=56 | | | | P | 07 23 17.1 | -0.1 |
| FITZ | Fitzroy Crossi | 52.38 | 270 | P | P | 07 23 16.9 | -0.3 |
| FITZ | comp=Z,2.8nm,0.8s | | | | Iamb | 07 23 20.9 | |
| KLBR | Kellerberrin | 54.27 | 251 | P | P | 07 23 30.6 | -0.5 |
| NWAO | Narrogin (SRO) | 54.31 | 250 | P | P | 07 23 31.2 | -0.1 |
| NWAO | comp=Z,2.2nm,0.4s | | | | P | 07 23 31.2 | -0.1 |
| FAKI | Fak Fak | 54.46 | 290 | P | P | 07 23 31.5 | -1.1 |
| FAKI | comp=Z,2.6nm,1.0s | | | | P | 07 23 31.5 | -1.1 |
| HMH | Humu-ula Shep | 54.48 | 26 | P | P | 07 23 33.5 | +0.6 |
| CASEY | Casey | 54.90 | 208 | P | P | 07 23 35.8 | +0.8 |
| MEEK | Meekatharra | 55.14 | 257 | P | P | 07 23 36.2 | -1.2 |
| MEEK | baz=55,SNR=11 | | | | P | 07 23 36.2 | -1.2 |
| MUN | Mundaring | 55.42 | 250 | P | P | 07 23 39.6 | +0.3 |
| MUN | baz=56,SNR=5.4 | | | | P | 07 23 39.6 | +0.3 |
| BLDU | Ballidu | 55.42 | 252 | P | P | 07 23 38.3 | -1.0 |
| BLDU | baz=59,SNR=7.5 | | | | P | 07 23 38.3 | -1.0 |
| PSA00 | Pilbara Seismi | 55.95 | 263 | P | P | 07 23 42.5 | -0.8 |
| PSA00 | Pilbara Seismi | 55.95 | 263 | P | P | 07 23 41.6 | -1.7 |
| PSA00 | comp=Z,5.6nm | | | | | | |

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|-------|-------------------------------------------------|------------|--------|-----------------|-----------------|
| CFR | Carcaliu | 154.97 313 | PKIKP | PKPbc | 07 34 05.2 -0.5 |
| KIC | Kosan Boka | 154.98 164 | ePKIKP | PKPbc | 07 34 02.9 -3.9 |
| TES | Toumoudi | 155.19 163 | ePKIKP | PKPdf | 07 34 03.5 +2.2 |
| TIC | Tescani | 155.24 317 | PKP | PKPdf | 07 34 04.9 +7.5 |
| DBIC | Dimbokro | 155.25 163 | PKP | PKP | 07 33 59.4 +1.1 |
| DBIC | comp-Z, 1.1nm, 0.5s, baz=158, slow=5.2, SNR=8.8 | | PKPab | sPKPbc | 07 34 25.5 +0.5 |
| DBIC | comp-Z, 7.9nm, 0.7s, baz=145, slow=4.8, SNR=3.7 | | PKPdf | | 07 33 58.6 +0.2 |
| DBIC | Dimbokro | 155.25 163 | PKIKP | PKPdf | 07 34 08.9 |
| DBIC | Dimbokro | 155.25 163 | PKPdf | 07 33 58.6 +0.2 | |
| DBIC | Dimbokro | 155.25 163 | ePKPdf | 07 34 08.9 -2.6 | |
| BURZ | Bicaz | 155.34 318 | PKP | PKPdf | 07 34 07.2 +1.0 |
| BURZ | Bucovina Ar. S | 155.45 320 | ePKP | PKPdf | 07 34 08.2 +1.0 |
| BURAR | Bucovina Array | 155.46 320 | ePKPab | PKP | 07 34 07.0 +9.3 |
| BURAR | Bucovina Array | 155.46 320 | PKIKP | PKPdf | 07 34 07.0 +9.3 |
| BURAR | Bucovina Array | 155.46 320 | PKPdf | 07 33 59.3 +1.5 | |
| VRI | Vrincioaia | 155.52 315 | PKP | PKPdf | 07 34 06.6 +8.9 |
| VRI | Vrincioaia | 155.52 315 | ePKIKP | PKPdf | 07 34 06.6 +8.8 |
| PLOR | Plostinia | 155.58 315 | PKP | PKPdf | 07 34 06.3 +8.4 |
| PLOR | Plostinia | 155.58 315 | PKIKP | PKPdf | 07 34 06.3 +8.4 |
| MLR | Muntele Rosu | 156.19 315 | PKP | PKPdf | 07 34 04.4 +5.6 |
| MLR | Muntele Rosu | 156.19 315 | PKIKP | PKPdf | 07 34 04.4 +5.6 |
| DOPR | Docpa | 156.28 317 | PKP | PKPdf | 07 34 05.8 +7.1 |
| VOIR | Voire | 156.75 316 | PKP | PKPdf | 07 34 03.9 +4.4 |
| VOIR | Voire | 156.75 316 | PKIKP | PKPdf | 07 34 03.9 +4.4 |
| DRGR | Drage | 157.32 321 | PKP | PKPdf | 07 34 13.6 +1.3 |
| OSTC | Ostas | 157.49 336 | ePKPDF | PKPdf | 07 33 59.5 -0.7 |
| OSTC | Ostas | 157.49 336 | PKP | PKP | 07 34 36.0 |
| DPC | Dobruska-Polom | 157.62 335 | ePKIKP | PKPdf | 07 34 10.8 +1.0 |
| DPC | Dobruska-Polom | 157.62 335 | ePKPab | PKP | 07 34 10.8 +1.0 |
| KRLC | Kraliky | 157.68 334 | ePKIKP | PKPdf | 07 34 02.2 +1.7 |
| KRLC | Kraliky | 157.68 334 | ePKPDF | PKPdf | 07 34 02.2 +1.7 |
| CLL | Colim | 157.84 342 | ePKPdf | PKPdf | 07 34 01.0 +0.5 |
| CLL | comp-Z, 6.0nm, 0.9s | | iPKP | ePKPdf | 07 34 11.4 -2.3 |
| CLL | comp-Z, 1.0nm, 0.8s | | e | PKPab | 07 34 15.0 |
| CLL | comp-Z, 11nm, 0.5s | | iPKPab | PKPab | 07 34 32.7 -0.8 |
| CLL | comp-Z, 200nm, 20.4s | | iPKPab | PKPab | 07 34 36.9 -9.4 |
| CLL | comp-Z, 6.0nm, 0.9s | | e(SSS) | | 08 04 42.0 |
| CLL | comp-Z, 10.0nm, 0.8s | | eSSS | | 08 08 30.0 |
| CLL | comp-Z, 11nm, 0.5s | | MLR | | 08 06 00.0 |
| CLL | comp-Z, 200nm, 20.4s | | PKIKP | PKPdf | 07 34 11.4 +1.1 |
| CLL | comp-Z, 6.0nm, 0.9s | | i | PKPab | 07 34 32.1 |
| CLL | comp-Z, 10.0nm, 0.8s | | pmx | pmx | |
| BRG | Berggiesshubel | 157.96 340 | ePKP | PKPdf | 07 34 00.0 -0.7 |
| BRG | comp-Z, 4.9nm, 1.1s | | i | | 07 34 15.2 |
| BRG | comp-Z, 4.8nm, 0.7s | | i | | 07 34 33.2 |
| BRG | comp-Z, 8.9nm, 0.9s | | i | | 07 34 00.0 -0.7 |
| BRG | Berggiesshubel | 157.96 340 | ePKIKP | PKPdf | 07 34 00.0 -0.7 |
| BRG | BRG | | i | | 07 34 15.2 |
| BRG | BRG | | i | | 07 34 33.2 |
| BRG | comp-Z, 5.0nm, 1.1s | | pmx | pmx | |
| BRG | comp-Z, 5.0nm, 0.7s | | pmx | pmx | |
| BRG | comp-Z, 9.0nm, 0.9s | | pmx | pmx | |
| VYHS | Vyhne | 158.08 329 | ePKP2 | PKPab | 07 34 36.6 +1.9 |
| GZR | Gura Zlata | 158.12 318 | PKP | PKPdf | 07 34 01.8 +0.6 |
| GZR | Gura Zlata | 158.12 318 | PKIKP | PKPdf | 07 34 01.8 +0.6 |
| SIRR | Siria | 158.22 321 | PKP | PKPdf | 07 34 02.2 +1.6 |
| HERR | Herculane | 158.62 317 | PKP | PKPdf | 07 34 04.0 +2.3 |
| BZS | Buzias | 158.65 320 | PKP | PKPdf | 07 34 00.3 -1.4 |
| BZS | Buzias | 158.65 320 | PKIKP | PKPdf | 07 34 00.3 -1.4 |
| SMOL | Smolenice | 158.67 331 | ePKP2 | PKPab | 07 34 40.3 +3.1 |
| MOX | Moxa | 158.81 343 | ePKP | L | 08 47 02.5 |
| ROTZ | Rotzenmuhle | 159.45 341 | eL | L | 08 46 38.4 |
| KHC | Kasperske Hory | 159.60 338 | ePKIKP | PKPdf | 07 34 02.3 -0.5 |
| KHC | Kasperske Hory | 159.60 338 | ePKPDF | PKPdf | 07 34 02.3 -0.5 |
| KHC | Kasperske Hory | 159.60 338 | ePKPab | PKPab | 07 34 39.9 -1.3 |
| KHC | Kasperske Hory | 159.60 338 | PKPab | PKPab | 07 34 40.8 -0.5 |
| CONA | Conrad Observa | 159.78 332 | eP | PKPab | 07 34 42.0 -0.1 |
| GRF | Grafenberg Arr | 159.79 343 | ePKPab | PKPab | 07 34 41.0 -1.0 |
| GERES | GERESS Array B | 159.81 337 | PKP | PKPdf | 07 34 03.8 +0.7 |
| GERES | comp-Z, 0.6nm, 0.7s, baz=48, slow=2.0, SNR=6.6 | | PKPab | PKPab | 07 34 41.4 -0.9 |
| MEM | Membach | 159.88 353 | PKPab | PKPab | 07 34 41.0 -1.3 |
| SNF | Seneffe | 160.13 356 | PKPab | PKPab | 07 34 42.3 -1.0 |
| BCLA | Clavier | 160.14 354 | PKPab | PKPab | 07 34 42.2 -1.2 |
| EMRD | Maredous | 160.30 355 | PKPab | PKPab | 07 34 42.5 -1.5 |
| MOA | Molin | 160.46 335 | eP | PKPab | 07 34 44.1 -0.9 |
| ARSA | Arzberg | 160.46 332 | eP | PKPab | 07 34 45.1 +0.1 |
| DOU | Dourbes | 160.52 355 | PKPab | PKPab | 07 34 43.2 -1.8 |
| KBA | Koelnbreinsper | 161.44 335 | eP | PKPab | 07 34 49.4 -0.1 |
| MYKA | Terra Mystica | 161.71 334 | eP | PKPab | 07 34 50.2 -0.4 |
| WATA | Walderalm | 161.82 339 | eP | PKPab | 07 34 50.1 -1.0 |
| WTTA | Wattenberg | 161.86 339 | eP | PKPab | 07 34 50.4 -1.0 |
| RETA | Reutte | 161.93 341 | eP | PKPab | 07 34 49.8 -1.6 |
| MOTA | Moosalm | 161.95 340 | eP | PKPab | 07 34 50.3 -1.4 |
| ABTA | Abfaltersbach | 162.02 336 | eP | PKPab | 07 34 52.2 +0.3 |
| SQTA | Sankt Quirin | 162.03 339 | eP | PKPab | 07 34 51.9 -0.1 |
| DAVA | Damuels | 162.35 342 | eP | PKPab | 07 34 52.0 -1.4 |
| FETA | Feichten | 162.36 340 | eP | PKPab | 07 34 52.8 -0.7 |
| TOAO | Torodi Ar. Sit | 162.54 179 | PKPdf | PKPdf | 07 34 09.6 +2.7 |
| TOAO | Torodi Ar. Bea | 162.54 179 | PKPab | PKPab | 07 34 56.0 +1.2 |
| TORD | Torodi Ar. Bea | 162.54 179 | PKP | PKPdf | 07 34 06.8 0.0 |
| TORD | comp-Z, 2.6nm, 0.8s, baz=330, slow=1.5, SNR=8.3 | | PKPab | PKPab | 07 34 56.1 +1.4 |
| TORD | comp-Z, 8.6nm, 0.7s, baz=181, slow=3.2, SNR=19 | | PKP | PKP | 07 38 31.9 -6.0 |
| TORD | comp-Z, 1.0nm, 0.6s, baz=134, slow=1.1, SNR=4.8 | | PKPdf | PKPab | 07 34 07.2 +0.3 |
| TORD | Torodi Ar. Bea | 162.54 179 | PKPab | PKPab | 07 34 56.0 +1.2 |
| FUORN | Ofenpass-Fuorn | 162.86 340 | PKPab | PKPab | 07 34 55.0 -0.8 |
| TUE | Stuetta | 162.85 342 | PKPab | PKPab | 07 34 57.5 +0.1 |
| SENIN | Lac Senin/Sane | 163.82 347 | PKPab | PKPab | 07 34 59.0 -0.4 |
| ESDC | Sonsec Array | 169.79 27 | PKPab | PKPab | 07 35 25.0 -1.3 |
| ESDC | Sonsec Array | 169.79 27 | PKPab | PKPab | 07 35 26.4 0.0 |

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|-------|----------------------------------------|----------|-----|-----------------|
| KURBB | 2.2nm, 0.3s, baz=167, slow=18, SNR=87 | Lg | Lg | 07 15 39.3 |
| KURBB | 3.8nm, 0.3s, baz=176, slow=31, SNR=17 | Pg | Pg | 07 15 39.0 -0.3 |
| KURBB | Kurchatov Arra | 0.60 341 | PKP | 07 15 39.7 +0.6 |
| KUR16 | Kurchatov Arra | 0.61 340 | PKP | 07 15 31.2 -0.3 |
| KUR05 | Kurchatov Arra | 0.62 342 | PKP | 07 15 40.3 -2.1 |
| KUR17 | Kurchatov Arra | 0.63 338 | PKP | 07 15 40.3 +0.6 |
| KUR04 | Kurchatov Arra | 0.64 343 | PKP | 07 15 40.8 -2.0 |
| KURK | Kurchatov | 0.68 349 | PKP | 07 15 31.7 -0.2 |
| KURK | 7.8nm, 0.4s | | PKP | 07 15 41.3 +1.8 |
| KURK | 15nm, 0.4s | | PKP | 07 15 41.7 +0.2 |
| MAK2 | Makanchi | 3.86 146 | Pg | 07 16 30.5 +1.8 |
| MAK2 | Makanchi | 3.86 146 | PKP | 07 16 30.4 +1.8 |
| MAK2 | 1.0nm, 0.5s | | Lg | 07 17 19.3 |
| UKR | Ust'-Kan | 3.90 75 | Pn | 07 16 22.9 +2.1 |
| UKR | Ust'-Kan | 3.90 75 | Pn | 07 16 30.1 +0.9 |
| UKR | Ust'-Kan | 3.90 75 | Pn | 07 17 24.4 -0.3 |
| UKR | Ust'-Kan | 3.90 75 | Pn | 07 16 23.2 +1.1 |
| MK31 | Makanchi Array | 3.99 143 | PKP | 07 16 31.7 +0.8 |
| MK31 | baz=322, slow=9.9, SNR=16 | | PKP | 07 17 24.2 |
| MK31 | 0.9nm, 0.4s, baz=325, slow=15, SNR=16 | | PKP | 07 16 23.2 +1.1 |
| MKAR | Makanchi Array | 3.99 143 | Pn | 07 16 23.1 -1.8 |
| MKAR | 0.3nm, 0.3s, baz=337, slow=12, SNR=18 | | PKP | 07 17 24.0 |
| MKAR | 0.5nm, 0.3s, baz=309, slow=15, SNR=18 | | Lg | 07 17 24.0 |
| MKAR | 0.9nm, 0.3s, baz=331, slow=30, SNR=18 | | PKP | 07 16 23.7 +1.6 |
| MKAR | Makanchi Array | 3.99 143 | Pn | 07 16 31.1 +0.2 |
| TUNR | Tungur | 4.83 86 | Pn | 07 16 36.3 +2.7 |
| TUNR | Tungur | 4.83 86 | Pg | 07 16 50.2 -2.0 |
| TUNR | Tungur | 4.83 86 | Pg | 07 17 13.2 +1.2 |
| GALT | Gorno-Altaysk, | 4.88 64 | Sg | 07 17 56.3 0.0 |
| BSTK | Bystroka, Nov | 5.09 26 | Sg | 07 18 03.2 0.0 |
| ZALV | Zalevo Beam | 5.38 41 | Pn | 07 16 43.3 +2.2 |
| ZALV | 0.8nm, 0.3s, baz=235, slow=14, SNR=8.4 | | Lg | 07 18 13.7 |
| ZALV | 0.4nm, 0.3s, baz=231, slow=26, SNR=5.4 | | Lg | 07 49 00.0 |
| I469 | ZALEVOV INFRA | 5.38 41 | i | |
| DGZ | Jazzator, Alta | 5.57 90 | Pn | 07 16 46.5 +2.6 |
| DGZ | Jazzator, Alta | 5.57 90 | Pn | 07 18 20.2 +1.6 |
| CHBI | Chibit, Altay | 5.58 84 | Pn | 07 16 45.4 +1.5 |
| CHBI | Chibit, Altay | 5.58 84 | Pg | 07 17 04.8 -1.7 |
| CHBI | Chibit, Altay | 5.58 84 | Pg | 07 18 16.7 -2.1 |
| CHBI | Chibit, Altay | 5.58 84 | Pg | 07 18 22.5 +2.4 |
| ARTR | Artybash | 5.62 69 | Sg | 07 16 45.7 +0.7 |
| AKAR | Aktagh | 5.65 84 | Pn | 07 18 20.3 -0.9 |
| ULGR | Ultagan, Altay | 5.87 81 | Pn | 07 16 50.3 +2.3 |
| ULGR | Ultagan, Altay | 5.87 81 | Pn | 07 18 28.5 +0.2 |
| BVAR | Borovoye Array | 6.05 303 | Pn | 07 16 50.1 -0.3 |
| BVAR | 0.2nm, 0.3s, baz=122, slow=13, SNR=2.0 | | Sn | 07 17 59.0 -1.3 |
| BVAR | 0.6nm, 0.3s, baz=77, slow=26, SNR=8.8 | | Lg | 07 18 28.7 |
| BVAR | 0.7nm, 0.3s, baz=112, slow=24, SNR=4.7 | | Lg | 07 18 37.2 +0.8 |
| CUAR | Chagay-Uzun | 6.13 13 | Sg | 07 18 42.3 +1.1 |
| TASR | Tashtagol | 6.28 61 | Sg | 07 18 42.3 +1.1 |

KRNET 14 07:17:03.5:0.1, 4.2, 29Nk:75:97E, h18km, mb3.5
SOME 14 07:17:03.9, 4.2, 32Nk:75:98E, h10km
KNET 14 07:17:03.2:0.3, 4.2, 28Nk:75:91E, h0km, ml2.5, Error
ellipse: s-maj=3.9km s-min=1.9km az=11.0
NNC 14 07:17:04.3:0.6, 4.2, 34Nk:76:00E, h0km, mb3.7, mpv3.7,
Error ellipse: s-maj=3.7km s-min=2.5km az=175.0
ISC 14 07:17:03.9:0.9, 4.2, 31Nk:75:97E, h11km, 7km,
n96, -0594/174, 36C-45D, Lake Issyk-Kul region

| | | | | | | |
|------|----------------------|----------|----|----------|-----------------|-----|
| Code | Station Name | Δ° AZ° | Op | Phase ID | Time | Res |
| BOOM | Boomsokoye usch | 0.18 354 | iP | ISC | h m s | ISC |
| BOOM | baz=55 | | iP | Pg | 07 17 08.4 +0.4 | |
| ULHL | Ulhal | 0.21 107 | iP | Sg | 07 17 08.0 -0.6 | |
| ULHL | baz=2.0 | | iP | Sg | 07 17 10.9 -0.8 | |
| ULHL | Ulhal | 0.21 107 | P | Pg | 07 17 08.0 -0.6 | |
| ULHL | 79nm, 0.1s, SNR=134 | | P | Pg | 07 17 11.1 -0.7 | |
| TKM2 | Tokmak 2 | 0.67 336 | iP | Sg | 07 17 16.9 0.0 | |
| TKM2 | baz=37 | | iP | Sg | 07 17 26.1 +0.3 | |
| TKM2 | Tokmak 2 | 0.67 336 | P | Pg | 07 17 17.0 0.0 | |
| TKM2 | 100nm, 0.1s, SNR=485 | | P | Pg | 07 17 26.5 -0.7 | |
| KST | Kastei | 0.73 360 | eP | Sb | 07 17 18.1 -0.1 | |
| KST | baz=60 | | eP | Sb | 07 17 28.6 -0.4 | |
| KST | Kastei | 0.73 360 | eP | Pg | 07 17 18.1 -0.1 | |
| KST | 41nm, 0.1s | | eS | Sb | 07 17 28.5 -0.4 | |
| KST | 205nm, 0.2s | | S | Pg | 07 17 18.0 -0.1 | |
| KST | Kastei | 0.73 360 | S | Pg | 07 17 28.5 -0.4 | |
| KBK | Karagaybulak | 0.83 295 | iP | Pg | 07 17 20.0 0.0 | |
| KBK | baz=96 | | iP | Sg | 07 17 31.3 +0.5 | |
| KBK | Karagaybulak | 0.83 295 | iP | Sb | 07 17 19.9 -0.1 | |
| KBK | 26nm, 0.1s, SNR=82 | | iP | Sb | 07 17 31.8 0.0 | |
| IZV | Izvestkoviy | 0.87 331 | eP | Pg | 07 17 20.5 -0.2 | |
| IZV | baz=32 | | eS | Sb | 07 17 32.5 -0.4 | |
| IZV | Izvestkoviy | 0.87 331 | eP | Pg | 07 17 20.5 -0.2 | |
| IZV | 26nm, 0.1s | | eS | Sb | 07 17 32.5 -0.4 | |
| IZV | 203nm, 0.1s | | P | Pg | 07 17 20.5 -0.2 | |
| IZV | Izvestkoviy | 0.87 331 | S | Sb | 07 17 32.5 -0.4 | |
| MTBS | Maitube | 0.89 221 | eP | Pg | 07 17 20.7 -0.4 | |
| MTBS | baz=22 | | eS | Sb | 07 17 33.1 -0.3 | |
| MTBS | Maitube | 0.89 221 | eP | Pg | 07 17 20.7 -0.4 | |
| MTBS | 37nm, 0 | | | | | |

14d 8h

Table with columns: SATY, Saty, 1.95 67 eP, Pb, 07 17 39.9 +0.3, PET, PET, comp=N,855nm,0.5s, eS, smax, Sb, smax, 07 40 35.7 +1.2

Table with columns: KRSC 14 07:39:53.6-1.8, 52°60'N-160°73'E, h22km,23km, ML4.2, MOS 14 07:39:54.5-1.0, 52°56'N-160°76'E, h23km, mb4, 3/10, Error ellipse: s-maj=6.7km s-min=4.2km az=101.0

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Table with columns: PET, PET, comp=N,855nm,0.5s, eS, smax, Sb, smax, 07 40 35.7 +1.2

Table with columns: KRSC 14 07:39:53.6-1.8, 52°60'N-160°73'E, h22km,23km, ML4.2, MOS 14 07:39:54.5-1.0, 52°56'N-160°76'E, h23km, mb4, 3/10, Error ellipse: s-maj=6.7km s-min=4.2km az=101.0

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Table with columns: MK31, Makanchi Array, 48.66 296 P, Pmax, Pmax, 07 48 35.8 -2.1

Table with columns: WEL 14 07:51:34.1, 44°S, 172°E, h5km, 18km, M2.2/6, ML2.3/6, MLV2.2/6, Error ellipse: s-maj=0.1km s-min=0.0km az=-1.3, South Island

Table with columns: IDC 14 08:05:54.2, 0.8, 7.92N-137.28E, h0km, mb2.4/13, mb1 4.3/14, mb1mx4.1/35, mbtmp4.2/14, ML4.0/1, MS3.4/16, Ms1 3.4/16, ms1mx3.2/42, Error ellipse: s-maj=37.7km s-min=13.4km az=79.0

Table with columns: NEIC 14 08:06:00.0, 1.3, 7.82N, 0.08, 137.0E, 0.1, h35km, 2km, mb4.4/27, Error ellipse: s-maj=20.7km s-min=5.7km

Table with columns: ISC 14 08:05:59.7, 0.6, 7.84N, 0.07, 137.1E, 0.1, h35km, n63, 0.86/41, mb4.3/24, MS3.3/10, Western Caroline Islands

Table with columns: GUM0, Guam, 9.58 53 LR, LR, 08 11 23.7

Table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like H11N2, H11N3, AS31, ASAR, etc.

Table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like LOUT, LOUT, SERG, SERG, etc.

Table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like MATE, HERR, GZR, etc.

DC 14 08:32:55.0:0.9,51.85N:161.45E,h0km,mb3.5/6, mb1 3.9/7,mb1mx3.5/62,mbtrmp3.5/7,ML2.7/1,Error ellipse: s-maj=27.0km s-min=20.3km az=171.0

Main table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like SPN, SPN, SPN, etc.

ATH 14 08:16:33.8,38.62N,22.88E,h18km,1km,ML3.7/21,Error ellipse: s-maj=1.5km s-min=0.6km az=8.0

THE 14 08:16:34.3,38.62N,22.88E,h13km,ML6.2/22,Error ellipse: s-maj=0.4km s-min=0.2km az=315.0

ISC 14 08:16:33.6:0.9,38.63N,0.02,22.88E:0.01,h19km,2km,n106,e099/153,10C-2D,Greece

Table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like LKR, LKR, LKR, etc.

Table with columns: Code, Station Name, Az, El, P, S, T, H, Time, Res. Includes stations like LRSO, DRO, DRO, etc.

DC 14 08:35:46.3:1.1,38.58N:142.99E,h0km,mb3.5/4, mb1 3.7/6,mb1mx3.5/37,mbtrmp3.5/6,ML2.7/1,Error ellipse: s-maj=38.4km s-min=22.2km az=105.0

JMA 14 08:35:50.3:0.1,38.85N:142.45E,h33km,2km,M3.5 NIED 14 08:35:50.3,38.85N:142.45E,h33km,ML3.4,Moment tensor: s3 Moment tensor: Mw3.1014 NPT: 0.187,0.0000,0.890,0.0000,-1.114,0.0000. NP2: 0.96,0.0000,0.824,0.0000,-1.1,0.0000

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like MASHB, WVUC, JMJJ, EAST, PHUB.

WEL 14 09:12:39.8, 44'S, 117.2'E, h9km, 2km, M2.6/10, ML2.6/10, MLV2.6/10, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RACZ, MCQ, OXF, AKCZ, WACZ, etc.

TUL 14 09:13:20.6, 0.9, 36.87N, 0.02, 98.13W, 0.03, h5km, 6km, ML2.8, Error ellipse: s-maj=4.6km

NEIC 14 09:13:21.3, 1.1, 36.85N, 0.02, 98.09W, 0.02, h7km, 6km, Error ellipse: s-maj=2.8km

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN14, GCO2, KAN10, etc.

IDC 14 09:14:21.0, 0.6, 36.91N, 98.16W, h0km, mb4.3/7, mb1 4.3/15, mb1mx4.0/43, mbtmp4.1/15, ML3.6/9, MS3.4/7

NEIC 14 09:14:21.1, 36.87N, 98.13W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, M=7.14

TUL 14 09:14:21.1, 1.9, 36.87N, 0.02, 98.13W, 0.04, h5km, 1km, ML4.2, Mwr3.9/36(NEIC)

ANF 14 09:14:21.6, 0.3, 36.85N, 98.10W, h5km, ML5.1/16, Error ellipse: s-maj=3.7km

NEIC 14 09:14:22.1, 0.7, 36.87N, 0.02, 98.08W, 0.02, h16km, 4km, ISC 14 09:14:22.1, 0.7, 36.87N, 0.02, 98.08W, 0.02, h16km, 4km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN14, GCO2, KAN10, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like R32A, FNO, W35A, TUL1, etc.

WEL 14 09:12:39.8, 44'S, 117.2'E, h9km, 2km, M2.6/10, ML2.6/10, MLV2.6/10, Error ellipse: s-maj=0.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN14, GCO2, KAN10, etc.

TUL 14 09:13:20.6, 0.9, 36.87N, 0.02, 98.13W, 0.03, h5km, 6km, ML2.8, Error ellipse: s-maj=4.6km

NEIC 14 09:13:21.3, 1.1, 36.85N, 0.02, 98.09W, 0.02, h7km, 6km, Error ellipse: s-maj=2.8km

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAN14, GCO2, KAN10, etc.

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

WEL 14 09:12:39.8, 44'S, 117.2'E, h9km, 2km, M2.6/10, ML2.6/10, MLV2.6/10, Error ellipse: s-maj=0.0km

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

TUL 14 09:13:20.6, 0.9, 36.87N, 0.02, 98.13W, 0.03, h5km, 6km, ML2.8, Error ellipse: s-maj=4.6km

NEIC 14 09:13:21.3, 1.1, 36.85N, 0.02, 98.09W, 0.02, h7km, 6km, Error ellipse: s-maj=2.8km

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANMO, ANMO, ANMO, etc.

14d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like U15A, AGMN, AGMM, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, KVAR, HHC, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like URLA, ZEDA, YVAC, etc.

Table with columns: LAST, Station Name, Time, Az, Phase, ID, Res. Includes stations like Lasithi, NPS, THRS, etc.

TUL 14 10:19:54.7-2.0, 36.32N-102.9676W, 0.02, h5km, 6km, ML3.1, Error ellipse: s-maj=2.9km s-min=2.1km az=65.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QUOK, OK031, etc.

Table with columns: U32A, Station Name, Time, Az, Phase, ID, Res. Includes stations like Winter Ranch, U38A, etc.

ISC 14 10:30:03.8:394.0, 58.93N:54.49E, h0km, Error ellipse: s-maj=166.3km s-min=153.5km az=17.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like I31KZ, I46RU, etc.

Table with columns: CMAR, Station Name, Time, Az, Phase, ID, Res. Includes stations like Chiang Mai Arr, CM05, etc.

ISC 14 10:34:13.8:2.6, 22.81N:145.01E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.4/5, mbtmp3.7/5, Error ellipse: s-maj=116.8km s-min=22.2km az=80.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KSR5, KLR, etc.

ISC 14 11:44:50.9:3.3, 22.11S:176.24W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/28, mbtmp3.9/3, Error ellipse: s-maj=182.5km s-min=136.7km az=128.0, South of Fiji Islands

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

ISC 14 11:45:13.5:49.0, 22.17S:173.44W, h0km, mb4.2/3, mb1.4/3.2, mb1mx3.8/30, mbtmp4.2/3, Error ellipse: s-maj=93.21km s-min=165.7km az=87.0, Tonga Islands region

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

ISC 14 11:49:23.7:1.4, 41.59N:88.29E, h0km, mb3.4/3, mb1.3/6.6, mb1mx3.4/42, mbtmp3.4/6, ML3.0/3, Error ellipse: s-maj=80.8km s-min=18.4km az=56.0

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

14d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PHRA Phrae, UTTA Utaradit, PHIT Phitsanulok, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like JMA 14 12:05:16.7, JTH Tanohata, JKEN Kujedjanarisaw, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like VNA3 Neumayer Olymp, SNA4 Sanae, VNA4 Vanda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MOCB Mochara, YJA Yavi, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TA01 Diego Aracena, PB04 IPOC Station P, PB04 IPOC Station P, etc.

2014 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BBOJ La Paz, LPAZ La Paz, LPAZ comp=N,0.2nm,0.3s, etc.

BGR 14 12:41:26.8,0.0,21.735x176.55W,h33km,mb5.0
MOS 14 12:41:49.8,0.9,20.745x176.78W,h213km,mb5.3/50,
Error ellipse: s-maj=7.1km s-min=6.3km az=80.3
BUJ 14 12:41:50.0,0.0,20.585x176.44W,h226km,mb5.2/39,
mb5.2/53

IDC 14 12:41:53.8,0.5,20.895x176.78W,h240km,4km,mb4.9/33,
mb1.5,0/36,mb1mx4.9/28,mbtmp5.4/36, Error ellipse:
s-maj=8.6km s-min=7.2km az=158.0
NEIC 14 12:41:54.3,0.2,20.805x176.70W,0.0/7,
h247km,4km,mb5.3/353, Error ellipse: s-maj=10.8km
s-min=9.5km az=142.0

GCMT 14 12:41:56.3,0.1,20.955x176.56W,0.0/1,
h254km,MW5.4/133, Moment Tensor Solution.

s133,c199; s130,c208; Duration: 1s2 Moment tensor:
Scale 1017Nm; Mr=0.12c; Mw=0.50c; M0=0.62t; 0.2;
Mw=1.07t; 0.2; Mw=0.11t; 0.2; Mr=1.09t; 0.2; Best double
couple: M1:63400x1017 NP1:38142.00000t; 820.00000t;
-1.72.00000t. NP2:3845.00000t; 887.00000t;
-1.70.00000t. Principal axes: T:1.6660,Plg39.0000t;
Azmi16.0000t; N:-0.0630,Plg20.0000t; Azm22.0000t;
P:-1.6020,Plg44.0000t; Azm33.0000t; nst1 refers to
surface waves, cut-off=0.8s. nst2 refers to surface waves,
cut-off=1.0s. Triangular centroid-rate function

ISC 14 12:41:52.6,0.3,20.905x176.62W,0.0/4,
h239km,3km,h239km;P-P,N1322,1486/1486,mb5.2/266,
46C-68D,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MSVF Nonsavu, MSVF Nonsavu, NIUE Niue, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like KNTN Kanton, HIZ Hauri, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TIWZ Tintock, MSWZ Castlepoint, HOWZ Holdsworth Sta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MOCB Mochara, YJA Yavi, PB09 IPOC Station P, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PPTF Patmatai, PPTF Patmatai, TVO Taravao, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like XMAS Kiritimati, XMAS Kiritimati, EIDS Eidsvoll, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ARMA Armadale, ARMA Armadale, MGCD Mangrove Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CMAA Col Moresby, CMAA Col Moresby, QLP Quilpie, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

| | | | | | | | |
|------|-----------------------------------------------|------------|------|---|------|------------|------|
| POKR | baz=207,SNR=39 | 88.62 | 12 | P | P | 12 54 17.5 | -0.6 |
| POKR | Poker Plat Res | 88.62 | 12 | P | Iamb | 12 54 19.4 | |
| SDCO | comp=Z,49nm,0.8s | 88.64 | 49 | P | P | 12 54 20.6 | +1.4 |
| SDCO | Great Sand Dun | 88.64 | 49 | P | P | 12 54 20.4 | +1.2 |
| K27K | Chicken | 88.81 | 14 | P | P | 12 54 20.5 | +1.6 |
| K27K | Chicken | 88.81 | 14 | P | Iamb | 12 54 20.3 | +1.4 |
| PHET | comp=Z,78nm,1.1s | 88.83 | 284 | P | P | 12 54 23.1 | +3.0 |
| MSTX | Kaeng Krachan | 88.91 | 53 | P | P | 12 54 22.1 | +1.8 |
| MSTX | Muleshoe | 88.91 | 53 | P | Iamb | 12 54 20.7 | +0.5 |
| MSTX | Muleshoe | 88.91 | 53 | P | Iamb | 12 54 23.2 | |
| YMP | comp=Z,22nm,1.1s | 89.00 | 41 | P | P | 12 54 22.2 | +1.5 |
| T25A | Mirror Lake Pl | 89.13 | 50 | P | P | 12 54 22.3 | +1.0 |
| T25A | Trinidad | 89.13 | 50 | P | P | 12 54 22.4 | +1.1 |
| WALA | Waterton Lakes | 89.14 | 36 | P | Iamb | 12 54 23.8 | |
| WALA | Waterton Lakes | 89.14 | 36 | P | Iamb | 12 54 23.8 | |
| YNE | comp=Z,56nm,1.2s | 89.23 | 41 | P | P | 12 54 23.8 | +2.1 |
| RDOG | Yellowstone No | 89.26 | 5 | P | Iamb | 12 54 21.1 | +0.7 |
| RDOG | Red Dog Mine | 89.26 | 5 | P | Iamb | 12 54 21.1 | +0.7 |
| RWWY | comp=Z,75nm,1.4s | 89.35 | 45 | P | P | 12 54 22.5 | +0.2 |
| RWWY | Rawlins | 89.35 | 45 | P | Iamb | 12 54 24.0 | |
| XAN | comp=Z,26nm,1.2s | 89.41 | 307 | P | P | 12 54 23.3 | +0.8 |
| XAN | Xi'an | 89.41 | 307 | P | P | 12 54 23.3 | +0.8 |
| XAN | comp=Z,89nm,1.0s | 89.41 | 307 | P | P | 12 54 22.5 | 0.0 |
| XAN | Xi'an | 89.41 | 307 | P | P | 12 54 22.5 | 0.0 |
| XAN | comp=Z,64nm,0.9s | 89.41 | 307 | P | P | 12 54 22.4 | 0.0 |
| XAN | Xi'an | 89.41 | 307 | P | P | 12 54 22.4 | 0.0 |
| DAWY | Dawson | 89.45 | 19 | P | P | 12 54 22.8 | +0.6 |
| ISCO | Idaho Springs | 89.52 | 47 | P | P | 12 54 24.7 | +1.5 |
| BILL | Bilbino | 89.57 | 354 | P | P | 12 54 21.2 | -1.2 |
| BILL | Bilbino | 89.57 | 354 | P | P | 12 57 58.3 | |
| BILL | comp=Z,50nm,1.3s | 89.57 | 354 | P | P | 12 54 22.6 | +0.3 |
| BILL | Bilbino | 89.57 | 354 | P | Iamb | 12 54 25.1 | |
| BILL | comp=Z,45nm,1.1s | 89.66 | 14 | P | P | 12 54 23.1 | +0.3 |
| EGAK | Eagle | 89.66 | 14 | P | P | 12 54 26.3 | +2.1 |
| PHIT | Phitsanulok | 89.74 | 41 | P | P | 12 54 26.2 | +2.1 |
| RLMT | Red Lodge | 89.74 | 41 | P | P | 12 54 24.7 | +0.7 |
| RLMT | Red Lodge | 89.74 | 41 | P | Iamb | 12 54 27.3 | |
| HIA | comp=Z,28nm,1.1s | 89.77 | 324 | P | P | 12 54 23.7 | -0.1 |
| HIA | Hailar | 89.77 | 324 | P | P | 12 54 23.7 | -0.1 |
| HIA | comp=Z,11nm,0.9s | 89.77 | 324 | P | P | 12 54 26.2 | +1.7 |
| HIA | Hailar | 89.77 | 324 | P | P | 12 54 27.0 | +2.5 |
| UTTA | Uttaradit | 89.81 | 46 | P | P | 12 54 26.5 | +2.0 |
| N23A | Red Feather La | 89.84 | 40 | P | P | 12 54 25.2 | +0.9 |
| N23A | Red Feather La | 89.84 | 40 | P | P | 12 54 26.0 | +1.4 |
| GCMT | Greycliff | 90.04 | 10 | P | P | 12 54 25.3 | +0.7 |
| COLD | Coldfoot | 90.04 | 10 | P | P | 12 54 23.7 | -1.5 |
| COLD | Coldfoot | 90.04 | 10 | P | P | 12 54 23.7 | -1.5 |
| EFI | East Falkland | 90.05 | 147 | P | P | 12 54 27.5 | +1.7 |
| EFI | East Falkland | 90.05 | 147 | P | P | 12 54 28.0 | +1.6 |
| NANT | comp=Z,130nm,1.6s | 90.05 | 290 | P | P | 12 54 28.1 | +1.7 |
| NANT | Nan | 90.05 | 290 | P | P | 12 54 29.2 | |
| K22A | Casper | 90.26 | 44 | P | P | 12 54 28.1 | +1.7 |
| K22A | Casper | 90.26 | 44 | P | Iamb | 12 54 29.2 | |
| PHWY | comp=Z,23nm,1.1s | 90.32 | 45 | P | P | 12 54 28.0 | +1.1 |
| PHWY | Pilot Hill | 90.32 | 45 | P | P | 12 54 28.5 | +1.4 |
| PHRA | Phrae | 90.50 | 288 | P | P | 12 54 30.1 | +2.3 |
| SUKH | Sukhothai | 90.56 | 314 | P | P | 12 54 28.4 | +0.6 |
| HHC | Hu-ho-hao-te | 12 56 52.1 | +2.4 | | | | |
| HHC | Hu-ho-hao-te | 12 56 52.1 | +2.4 | | | | |
| HHC | comp=Z,39nm,1.2s | 90.98 | 290 | P | P | 12 54 30.7 | +0.6 |
| HHC | Hu-ho-hao-te | 90.98 | 290 | P | P | 12 54 31.5 | +1.4 |
| KMI | comp=Z,210nm,6.7s | 90.69 | 297 | P | P | 12 54 30.3 | +1.4 |
| KMI | Kunming | 90.69 | 297 | P | P | 12 54 30.3 | +1.4 |
| KMI | comp=Z,41nm,1.0s | 90.71 | 55 | P | P | 12 54 30.8 | +2.2 |
| KMI | Kunming | 90.71 | 55 | P | Iamb | 12 54 30.1 | +1.5 |
| ABTX | Abilene, Hawle | 90.71 | 55 | P | Iamb | 12 54 30.1 | +1.5 |
| ABTX | Abilene, Hawle | 90.71 | 55 | P | Iamb | 12 54 30.1 | +1.5 |
| CRAI | Chiariang | 90.86 | 291 | P | P | 12 54 30.9 | +1.4 |
| LAMP | Lampang | 90.98 | 288 | P | P | 12 54 31.8 | +2.2 |
| EGMT | Eagleton | 90.98 | 38 | P | P | 12 54 30.8 | +1.5 |
| EGMT | Eagleton | 90.98 | 38 | P | P | 12 54 30.8 | +1.5 |
| PYAT | Payao | 90.98 | 290 | P | P | 12 54 30.5 | +1.2 |
| PYAT | Payao | 90.98 | 290 | P | P | 12 54 31.8 | +1.7 |
| PYAT | Payao | 90.98 | 290 | P | P | 12 54 31.5 | +1.4 |
| BMAR | comp=Z,4um,comp=Z,552nm,1.0s | 91.21 | 12 | P | P | 12 54 30.7 | +0.6 |
| BMAR | Burnt Mountain | 91.21 | 12 | P | P | 12 54 32.7 | +1.8 |
| KSCO | Kaye Shedlock | 91.22 | 49 | P | P | 12 54 32.7 | +1.8 |
| KSCO | Kaye Shedlock | 91.22 | 49 | P | Iamb | 12 54 34.8 | |
| CM36 | Chiang Mai Arr | 91.36 | 289 | P | P | 12 54 33.0 | +1.2 |
| CM04 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.4 | +2.2 |
| CM04 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.0 | +1.9 |
| CM09 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.4 | +2.3 |
| CM09 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.0 | +1.9 |
| TOLK | Toolik Lake Re | 91.42 | 10 | P | P | 12 54 31.9 | +0.9 |
| TOLK | Toolik Lake Re | 91.42 | 10 | P | Iamb | 12 54 31.9 | +0.9 |
| TOLK | Toolik Lake Re | 91.42 | 10 | P | Iamb | 12 54 33.3 | |
| CM34 | Chiang Mai Arr | 91.43 | 290 | P | P | 12 54 33.7 | +1.5 |
| CM01 | Chiang Mai Arr | 91.44 | 289 | P | P | 12 54 34.3 | +2.0 |
| CM01 | Chiang Mai Arr | 91.44 | 289 | P | P | 12 54 34.2 | +2.0 |
| CM05 | Chiang Mai Arr | 91.45 | 289 | P | P | 12 54 34.4 | +2.2 |
| CM05 | Chiang Mai Arr | 91.45 | 289 | P | P | 12 54 34.1 | +1.9 |
| CM02 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.5 | +2.2 |
| CM02 | Chiang Mai Arr | 91.42 | 289 | P | P | 12 54 34.0 | +1.7 |
| CM31 | Chiang Mai Arr | 91.47 | 289 | P | P | 12 54 34.3 | +1.9 |
| CM31 | Chiang Mai Arr | 91.47 | 289 | P | Iamb | 12 54 35.0 | |
| CMAR | Chiang Mai Arr | 91.47 | 289 | P | P | 12 54 33.5 | +1.3 |
| CMAR | Chiang Mai Arr | 91.47 | 289 | P | P | 12 55 32.9 | -0.1 |
| CMAR | comp=Z,0.9nm,0.4s,comp=Z,120,slow=2.9,SNR=108 | 91.47 | 289 | P | P | 12 55 32.9 | -0.1 |
| CMAR | Chiang Mai Arr | 91.47 | 289 | P | P | 12 58 14.2 | +0.2 |
| CMAR | Chiang Mai Arr | 91.47 | 289 | P | P | 12 54 33.3 | +0.9 |
| CM15 | Chiang Mai Arr | 91.48 | 289 | P | P | 12 54 34.5 | +2.1 |
| CM15 | Chiang Mai Arr | 91.48 | 289 | P | P | 12 54 34.3 | +1.9 |
| CM13 | Chiang Mai Arr | 91.49 | 289 | P | P | 12 54 34.5 | +2.1 |
| CM13 | Chiang Mai Arr | 91.49 | 289 | P | P | 12 54 34.3 | +1.9 |
| BTO | Batou | 91.50 | 313 | P | P | 12 54 33.4 | +1.3 |
| 435B | Jarrell | 91.57 | 58 | P | P | 12 54 34.6 | +2.0 |
| 435B | Jarrell | 91.57 | 58 | P | Iamb | 12 54 36.0 | |
| CMMT | comp=Z,16nm,0.9s | 91.59 | 289 | P | P | 12 54 34.2 | +1.2 |
| CMMT | Chiang Mai | 91.59 | 289 | P | P | 12 54 34.2 | +1.2 |

| | | | | | | | |
|------|------------------------------|-------|-----|---|------|------------|------|
| CM33 | comp=Z,23nm,1.2s | 91.60 | 289 | P | P | 12 54 34.0 | +1.0 |
| CHTO | Chiang Mai Arr | 91.60 | 289 | P | P | 12 54 33.0 | +0.1 |
| CHTO | Chiang Mai | 91.60 | 289 | P | P | 12 54 33.0 | +0.1 |
| CHTO | comp=Z,29nm,0.8s | 91.60 | 289 | P | P | 12 54 33.0 | +0.1 |
| CHTO | Chiang Mai | 91.60 | 289 | P | Iamb | 12 54 35.2 | |
| CM32 | comp=Z,29nm,0.8s | 91.62 | 289 | P | P | 12 54 34.0 | +0.9 |
| EPYK | Chiang Mai Arr | 91.62 | 289 | P | P | 12 54 34.9 | +1.1 |
| EPYK | Eagle Plains | 92.03 | 15 | P | P | 12 54 34.0 | +0.2 |
| EPYK | Eagle Plains | 92.03 | 15 | P | Iamb | 12 54 35.5 | |
| CD2 | comp=Z,36nm,0.8s | 92.09 | 302 | P | P | 12 54 35.8 | +0.8 |
| CD2 | Chengdu | 92.09 | 302 | P | S | 12 05 18.1 | +1.5 |
| CD2 | Chengdu | 92.09 | 302 | P | S | 12 05 18.1 | +1.5 |
| CD2 | comp=Z,30nm,0.5s | 92.15 | 57 | P | P | 12 54 36.8 | +1.6 |
| WHTX | Lake Whitney, | 92.15 | 57 | P | P | 12 54 36.8 | +1.6 |
| WHTX | Maesarieng | 92.26 | 288 | P | P | 12 54 37.0 | +1.0 |
| MHMT | Maesarieng | 92.26 | 288 | P | P | 12 54 38.3 | +2.2 |
| MHMT | Maesarieng | 92.26 | 288 | P | P | 12 54 38.3 | +2.2 |
| CO03 | comp=Z,87nm,comp=Z,23nm,0.8s | 92.28 | 124 | P | P | 12 54 37.6 | +1.5 |
| CO03 | Ei Pedregal | 92.28 | 124 | P | Iamb | 12 54 38.7 | |
| CO03 | Ei Pedregal | 92.28 | 124 | P | Iamb | 12 54 38.7 | |
| LAO | comp=Z,20nm,1.1s | 92.36 | 40 | P | P | 12 54 38.7 | +2.8 |
| LAO | LASA Arra | 92.36 | 40 | P | P | 12 54 38.1 | +2.2 |
| LAO | LASA Arra | 92.36 | 40 | P | Iamb | 12 54 39.6 | |
| GO04 | comp=Z,43nm,0.9s | 92.48 | 123 | P | P | 12 54 38.6 | +1.3 |
| GO04 | Tololo Observa | 92.48 | 123 | P | Iamb | 12 54 39.7 | |
| RSSD | comp=Z,31nm,1.0s | 92.55 | 43 | P | P | 12 54 38.4 | +1.3 |
| RSSD | Black Hills | 92.55 | 43 | P | P | 12 54 37.2 | +0.1 |
| RSSD | Black Hills | 92.55 | 43 | P | P | 12 54 37.2 | +0.1 |
| RSSD | Black Hills | 92.55 | 43 | P | P | 12 54 37.2 | +0.1 |
| RSSD | Black Hills | 92.55 | 43 | P | Iamb | 12 54 37.2 | +0.1 |
| RSSD | Black Hills | 92.55 | 43 | P | Iamb | 12 54 39.5 | |
| HKT | comp=Z,44nm,1.1s | 92.64 | 59 | P | P | 12 54 37.5 | +0.1 |
| HKT | Hockley | 92.64 | 59 | P | P | 12 54 37.5 | +0.1 |
| HKT | Hockley | 92.64 | 59 | P | P | 12 54 37.5 | +0.1 |
| Z35A | comp=Z,16nm,1.8s | 92.83 | 55 | P | P | 12 54 39.6 | +1.3 |
| Z35A | Perchaven, San | 92.83 | 55 | P | Iamb | 12 54 41.4 | |
| X34A | comp=Z,13nm,0.7s | 92.89 | 54 | P | P | 12 54 40.6 | +2.0 |
| X34A | Smith Ranch, M | 92.89 | 54 | P | Iamb | 12 54 41.9 | |
| YAK | comp=Z,18nm,1.0s | 92.97 | 338 | P | P | 12 54 36.9 | -1.3 |
| YAK | Yakutsk | 92.97 | 338 | P | P | 12 58 22.3 | |
| YAK | Yakutsk | 92.97 | 338 | P | P | 13 05 44.7 | -2.8 |
| YAK | Yakutsk | 92.97 | 338 | P | P | 13 05 27.3 | +0.4 |
| YAK | Yakutsk | 92.97 | 338 | P | P | 13 06 37.7 | +0.4 |
| YAK | comp=Z,36nm,0.9s | 92.97 | 338 | P | P | 12 54 37.0 | -1.2 |
| YAK | Yakutsk | 92.97 | 338 | P | Iamb | 12 54 38.5 | |
| YAK | comp=N,4.0nm,1.0s | 93.02 | 6 | P | P | 12 54 39.0 | +0.8 |
| YAK | Yakutsk | 93.02 | 6 | P | P | 12 54 38.7 | +0.4 |
| YAK | comp=E,8.0nm,1.1s | 93.06 | 122 | P | P | 12 54 40.9 | +0.9 |
| YAK | Yakutsk | 93.06 | 122 | P | P | 12 54 40.9 | +0.9 |
| YAK | comp=Z,24nm,1.2s | 93.06 | 122 | P | P | 12 54 43.0 | |
| YAK | Las Campanas | 93.06 | 122 | P | Iamb | 12 54 43.0 | |
| YAK | Las Campanas | 93.06 | 122 | P | Iamb | 12 54 43.0 | |
| CO01 | comp=Z,24nm,1.1s | 93.12 | 124 | P | P | 12 54 42.0 | +1.8 |
| CO01 | Juntas del Tor | 93.12 | 124 | P | P | 12 54 42.8 | +1.6 |
| FNO | Franklin | 93.47 | 54 | P | P | 12 54 43.1 | +1.4 |
| AC05 | Ei Transito | 93.48 | 122 | P | P | 12 54 44.3 | +1.8 |
| R32A | Long Quarter, | 93.76 | 50 | P | Iamb | 12 54 45.2 | |
| R32A | Long Quarter, | 93.76 | 50 | P | Iamb | 12 54 45.2 | |
| LZH | comp=Z,41nm,1.4s | 94.04 | 307 | P | P | 12 54 45.1 | +1.1 |
| LZH | Lanzhou | 94.04 | 307 | | | | |

| | | | | | |
|--------|--------------------------------------------|--------|-------|------------|------|
| UBBA | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 14.6 | 0.0 |
| VOIR | 149.73 329 | IP | PKPdf | 13 01 10.6 | +1.3 |
| VOIR | 149.73 329 | PKHKP | PKPdf | 13 01 10.6 | +1.3 |
| KOTY | 149.75 311 | PKP | PKPdf | 13 01 09.5 | +0.2 |
| DRGR | 149.76 333 | PKP | PKPdf | 13 01 09.5 | +0.2 |
| DRGR | 149.76 333 | PKHKP | PKPdf | 13 01 09.5 | +0.2 |
| DRGR | 149.76 333 | eP | PKPbc | 13 01 14.3 | +0.1 |
| GUNZ | 149.76 349 | ePKPdf | PKPdf | 13 01 09.9 | +0.4 |
| GUNZ | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 15.3 | +0.4 |
| VRAC | 149.76 343 | PKP | PKPdf | 13 01 09.4 | +0.3 |
| VRAC | comp=Z,1.7nm,0.4s,baz=40,slow=1.7,SNR=28 | PKPbc | PKIKP | 13 01 15.3 | +0.4 |
| VRAC | 149.76 343 | PKP | PKPdf | 13 01 10.0 | +0.9 |
| VRAC | 149.76 343 | eP | PKPdf | 13 01 09.6 | +0.5 |
| VRAC | 149.76 343 | PKP | PKPdf | 13 01 10.0 | +0.9 |
| VRAC | 149.76 343 | eP | PKPbc | 13 01 14.3 | 0.0 |
| YHSH | 149.80 339 | ePKIKP | PKPdf | 13 01 09.4 | +0.2 |
| YHSH | 149.80 339 | ePKP | PKPdf | 13 01 20.0 | |
| YHSH | 149.80 339 | ePKP | PKPdf | 13 01 09.4 | +0.2 |
| YHSH | 149.80 339 | ePKP | PKPdf | 13 01 20.0 | |
| YHSH | 149.80 339 | ePKP | PKPdf | 13 01 15.1 | |
| YHSH | 149.80 339 | ePKP | PKPdf | 13 01 20.0 | |
| WERN | 149.82 348 | ePKPdf | PKPdf | 13 01 10.0 | +0.8 |
| WERN | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 15.5 | +0.5 |
| JAVC | 149.85 341 | ePKP | PKPdf | 13 01 11.1 | +1.8 |
| JAVC | 149.85 341 | ePKP | PKPdf | 13 01 16.0 | |
| ORH | 149.85 317 | ePKP | PKPab | 13 01 18.8 | -2.1 |
| NKC | 149.86 348 | ePKHKP | PKPdf | 13 01 10.0 | +0.8 |
| NKC | 149.86 348 | ePKPDF | PKPdf | 13 01 10.0 | +0.8 |
| NKC | 149.86 348 | ePKP | PKPbc | 13 01 15.5 | +0.4 |
| NKC | 149.86 348 | ePKP | PKPbc | 13 01 10.1 | +0.5 |
| PSZ | 149.93 338 | PKHKP | PKPdf | 13 01 10.1 | +0.6 |
| PSZ | 149.93 338 | PKP | PKPdf | 13 01 10.1 | +0.6 |
| TEKE | 149.93 307 | eP | PKPbc | 13 01 14.5 | -0.4 |
| ARR | 149.98 329 | IP | PKPdf | 13 01 10.6 | +1.0 |
| KRUC | 150.03 343 | ePKP | PKPdf | 13 01 10.1 | +0.5 |
| KRUC | 150.03 343 | ePKP | PKPbc | 13 01 10.1 | +0.5 |
| PRD | 150.05 323 | eP | PKIKP | 13 01 15.5 | -0.2 |
| PBCC | 150.06 346 | ePKPDF | PKPbc | 13 01 10.0 | +0.5 |
| PBCC | 150.06 346 | ePKP | PKPbc | 13 01 15.2 | +0.4 |
| PBCC | 150.06 346 | ePKP | PKPbc | 13 01 15.2 | +0.4 |
| NEVSHA | 150.07 324 | ePKP | PKPab | 13 01 21.9 | +0.5 |
| NEF | 150.11 337 | PKIKP | PKPbc | 13 01 15.5 | -0.3 |
| BEBN | 150.13 357 | PKIKP | PKPbc | 13 01 15.6 | +0.1 |
| UCC | 150.15 359 | PKIKP | PKPab | 13 01 15.7 | +0.1 |
| UCC | 150.15 359 | PKPab | PKPab | 13 01 21.2 | -0.5 |
| UCC | 150.15 359 | PKIKP | PKPbc | 13 01 15.2 | +0.3 |
| UCC | 150.15 359 | PKPbc | PKPbc | 13 01 15.2 | +0.3 |
| MANZ | 150.16 349 | ePKPdf | PKPdf | 13 01 10.3 | +0.6 |
| MANZ | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 16.2 | +0.4 |
| MANZ | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 16.2 | +0.4 |
| CSS | 150.19 304 | eP | PKPbc | 13 01 15.3 | -0.3 |
| CSS | 150.19 304 | eP | PKPbc | 13 01 15.3 | -0.3 |
| EIL | 150.23 293 | PKP | PKPdf | 13 01 15.5 | +1.1 |
| EIL | comp=Z,4.1nm,0.8s,baz=283,slow=1.9,SNR=3.6 | PKPbc | PKIKP | 13 01 16.5 | 0.0 |
| SMOL | 150.23 341 | ePKP | PKPbc | 13 01 10.7 | +0.9 |
| SMOL | 150.23 341 | ePKP | PKPbc | 13 01 10.7 | +0.9 |
| SMOL | 150.23 341 | ePKP | PKPbc | 13 01 16.5 | |
| AHRW | 150.27 355 | ePKPdf | PKPdf | 13 01 10.7 | +0.9 |
| AHRW | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 16.2 | +0.3 |
| MEM | 150.28 357 | PKP | PKPdf | 13 01 10.7 | +0.9 |
| MEM | 150.28 357 | PKP | PKPbc | 13 01 16.1 | +0.2 |
| MEM | 150.28 357 | PKP | PKPbc | 13 01 24.4 | |
| BTNL | 150.29 356 | PKP | PKPbc | 13 01 19.9 | 0.0 |
| BTNL | 150.29 356 | PKP | PKPbc | 13 01 15.9 | -0.1 |
| BTNL | 150.29 356 | PKPab | PKPab | 13 01 21.7 | -0.7 |
| BSTI | 150.32 357 | PKP | PKPbc | 13 01 10.1 | +0.2 |
| BSTI | 150.32 357 | PKP | PKPbc | 13 01 16.2 | +0.2 |
| BSTI | 150.32 357 | PKP | PKPbc | 13 01 22.2 | 0.0 |
| ROTZ | 150.35 348 | ePKPdf | PKPdf | 13 01 10.5 | +0.5 |
| ROTZ | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 16.5 | +0.4 |
| SEVD | 150.36 310 | eP | PKPbc | 13 01 10.5 | 0.0 |
| DEV | 150.38 332 | IP | PKPbc | 13 01 10.6 | +0.4 |
| DEV | 150.38 332 | IP | PKPbc | 13 01 10.6 | +0.4 |
| MODS | 150.40 341 | ePKIKP | PKPbc | 13 01 10.3 | +0.2 |
| MODS | 150.40 341 | ePKP | PKPbc | 13 01 10.3 | +0.2 |
| MODS | 150.40 341 | ePKP | PKPbc | 13 01 16.3 | |
| HUMR | 150.42 328 | IP | PKPbc | 13 01 11.0 | +0.8 |
| SNF | 150.44 359 | PKP | PKPbc | 13 01 16.8 | +0.4 |
| SNF | 150.44 359 | PKP | PKPbc | 13 01 16.5 | +0.3 |
| SNF | 150.44 359 | PKP | PKPbc | 13 01 23.3 | +0.4 |
| TNS | 150.46 353 | ePKPdf | PKPbc | 13 01 11.2 | +0.9 |
| TNS | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 16.8 | +0.4 |
| LEF | 150.48 305 | IP | PKPbc | 13 01 15.5 | -0.7 |
| GAZI | 150.49 307 | eP | PKPbc | 13 01 15.3 | -0.9 |
| ECLA | 150.50 358 | PKIKP | PKPbc | 13 01 16.7 | +0.1 |
| BHOH | 150.53 357 | PKIKP | PKPbc | 13 01 17.0 | +0.5 |
| BGES | 150.54 358 | PKIKP | PKPbc | 13 01 16.5 | 0.0 |
| SRO | 150.56 339 | ePKP | PKPbc | 13 01 17.0 | +0.4 |
| SRO | 150.56 339 | ePKP | PKPbc | 13 01 24.8 | |
| SRO | 150.56 339 | ePKP | PKIKP | 13 01 17.0 | +0.4 |
| SRO | 150.56 339 | ePKP | PKPbc | 13 01 17.0 | +0.4 |
| SRO2 | 150.58 339 | ePKIKP | PKPbc | 13 01 15.9 | -0.1 |
| SRO2 | 150.58 339 | ePKP | PKPbc | 13 01 15.9 | -0.1 |
| GRA1 | 150.60 350 | PKP | PKPbc | 13 01 10.9 | +0.5 |
| GRA1 | 150.60 350 | PKP | PKPbc | 13 01 16.9 | +0.2 |
| GRA1 | 150.60 350 | PKP | PKPbc | 13 01 24.3 | +0.7 |
| GRA1 | 150.60 350 | PKP | PKPbc | 13 01 16.2 | +0.2 |
| GRF | 150.60 350 | PKIKP | PKPbc | 13 01 24.3 | |
| GRF | 150.60 350 | ePKPdf | PKPbc | 13 01 11.1 | +0.7 |
| GRF | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 17.2 | +0.5 |
| GRF | baz=15,slow=2.4 | ePKPbc | PKIKP | 14 05 34.7 | |
| ZST | 150.61 341 | ePKIKP | PKIKP | 13 01 17.6 | +0.9 |
| ZST | 150.61 341 | ePKP | PKPbc | 13 01 17.6 | +0.9 |
| SIRR | 150.61 334 | PKP | PKPbc | 13 01 11.9 | +1.4 |
| BMRD | 150.64 358 | PKP | PKPbc | 13 01 10.3 | 0.0 |
| BMRD | 150.64 358 | PKP | PKPbc | 13 01 17.0 | +0.4 |
| BMRD | 150.64 358 | PKPab | PKPab | 13 01 22.8 | -0.9 |
| KHC | 150.67 346 | ePKP | PKPbc | 13 01 11.1 | +0.6 |
| KHC | 150.67 346 | ePKP | PKPbc | 13 01 11.1 | +0.6 |
| KHC | 150.67 346 | ePKP | PKPbc | 13 01 16.7 | -0.1 |
| KHC | 150.67 346 | PKP | PKPbc | 13 01 10.5 | 0.0 |
| KHC | 150.67 346 | PKPbc | PKPbc | 13 01 16.8 | -0.1 |
| RCHB | 150.77 358 | PKIKP | PKPbc | 13 01 17.2 | +0.3 |
| ZSH | 150.81 325 | ePKP | PKPbc | 13 01 14.3 | +0.7 |
| WETZ | 150.81 347 | ePKPdf | PKPbc | 13 01 11.3 | +0.5 |
| WETZ | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 17.4 | +0.3 |
| GZR | 150.82 331 | IP | PKPbc | 13 01 11.0 | +0.1 |
| GZR | 150.82 331 | IP | PKPbc | 13 01 11.0 | +0.1 |
| DOU | 150.85 358 | PKIKP | PKPbc | 13 01 17.6 | +0.5 |
| GOU | 150.91 346 | ePKPdf | PKPbc | 13 01 11.3 | +0.3 |
| GOU | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 17.8 | +0.4 |
| GE2C | 150.91 346 | PKP | PKPbc | 13 01 10.7 | -0.3 |
| GE2C | 150.91 346 | PKP | PKPbc | 13 01 17.4 | -0.1 |
| GE2C | 150.91 346 | PKP | PKPbc | 13 01 11.6 | +0.6 |
| GERES | 150.91 346 | ePKP | PKPbc | 13 01 17.8 | +0.4 |
| GERES | comp=Z,1.1nm,1.0s,baz=29,slow=1.2,SNR=45 | PKPbc | PKIKP | 13 01 17.8 | +0.4 |
| GERES | 150.91 346 | ePKP | PKPbc | 13 01 11.4 | +0.4 |
| GERES | 150.91 346 | ePKP | PKPbc | 13 01 17.4 | -0.1 |
| YMB | 150.98 323 | PKP | PKPbc | 13 01 17.4 | -0.1 |
| ISP | 151.10 312 | PKIKP | PKPbc | 13 01 16.4 | -1.3 |
| ISP | 151.10 312 | PKP | PKPbc | 13 01 16.4 | -1.3 |
| BZS | 151.15 333 | IP | PKPbc | 13 01 11.8 | +0.5 |
| BZS | 151.15 333 | IP | PKPbc | 13 01 11.8 | +0.5 |
| BZS | 151.15 333 | PKIKP | PKPbc | 13 01 12.1 | +0.7 |
| SRE | 151.19 330 | PKIKP | PKPbc | 13 01 12.1 | +0.7 |
| WLF | 151.21 356 | PKIKP | PKPbc | 13 01 18.6 | +0.7 |
| WLF | 151.21 356 | PKPab | PKPbc | 13 01 26.9 | +0.7 |
| WLF | 151.21 356 | PKIKP | PKPbc | 13 01 18.8 | +0.9 |
| WLF | 151.21 356 | ePKPbc | PKIKP | 13 01 19.0 | +1.2 |

| | | | | | |
|------|---------------------------|--------|-------|------------|------|
| WLF | 151.21 356 | PKIKP | PKPbc | 13 01 18.8 | +0.9 |
| CONA | 151.21 342 | iP | PKPbc | 13 01 12.0 | +0.5 |
| CONA | comp=Z,1.2nm,0.8s,SNR=9.1 | iP | PKIKP | 13 01 18.5 | +0.4 |
| HERR | 151.38 331 | PKP | PKPbc | 13 01 12.1 | +0.5 |
| MOA | 151.71 344 | iP | PKPbc | 13 01 12.0 | -0.2 |
| MOA | comp=Z,9.2nm,0.8s | iP | PKIKP | 13 01 19.0 | 0.0 |
| STU | 151.80 352 | PKIKP | PKPbc | 13 01 12.7 | +0.5 |
| STU | 151.80 352 | ePKPdf | PKPbc | 13 01 13.4 | +1.2 |
| STU | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 19.9 | +0.8 |
| STU | 151.80 352 | PKP | PKPbc | 13 01 12.7 | +0.5 |
| STU | 151.80 352 | PKP | PKPbc | 13 01 19.7 | +0.5 |
| STU | 151.80 352 | PKP | PKPbc | 13 01 11.8 | -0.5 |
| STU | 151.80 352 | PKP | PKPbc | 13 01 19.4 | 0.0 |
| STU | 151.80 352 | PKP | PKPbc | 13 01 12.4 | -0.1 |
| ARSA | 152.03 310 | PKIKP | PKPbc | 13 01 19.3 | +0.2 |
| ELL | 152.03 310 | PKIKP | PKPbc | 13 01 19.5 | -0.4 |
| FUR | 152.06 349 | ePKPdf | PKPbc | 13 01 13.3 | +0.6 |
| FUR | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 20.3 | +0.6 |
| MANT | 152.01 314 | PKP | PKPbc | 13 01 13.2 | -0.1 |
| MANT | 152.01 314 | PKPbc | PKPbc | 13 01 19.4 | -0.8 |
| RJOB | 152.16 346 | ePKPdf | PKPbc | 13 01 13.2 | +0.3 |
| RJOB | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 20.2 | +0.2 |
| PGB | 152.24 326 | eP | PKPbc | 13 01 20.1 | 0.0 |
| FRGS | 152.27 335 | IP | PKPbc | 13 01 12.5 | -0.6 |
| ALN | 152.29 321 | PKIKP | PKPbc | 13 01 19.4 | -0.7 |
| ALN | 152.29 321 | PKP | PKPbc | 13 01 12.2 | -0.9 |
| ALN | 152.29 321 | PKPbc | PKPbc | 13 01 19.4 | -0.7 |
| BFO | 152.34 353 | PKPbc | PKPbc | 13 01 20.0 | -0.1 |
| BFO | 152.34 353 | ePKPbc | PKPbc | 13 01 13.7 | +0.6 |
| BFO | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 20.8 | +0.5 |
| BFO | 152.34 353 | PKP | PKPbc | 13 01 13.1 | 0.0 |
| BFO | 152.34 353 | PKP | PKPbc | 13 01 20.0 | -0.1 |
| AKAS | 152.48 309 | PKPbc | PKPbc | 13 01 19.7 | -1.2 |
| RZN | 152.54 324 | eP | PKPbc | 13 01 20.4 | -0.5 |
| ECH | 152.58 355 | PKIKP | PKPbc | 13 01 21.1 | +0.3 |
| ECH | 152.58 355 | PKP | PKPbc | 13 01 14.6 | +1.2 |
| ECH | 152.58 355 | PKP | PKPbc | 13 01 21.1 | +0.3 |
| ECH | 152.58 355 | PKP | PKPbc | 13 01 22.9 | +0.4 |
| SOKA | 152.59 342 | iP | PKPbc | 13 01 13.0 | -0.6 |
| SOKA | comp=Z,1.5nm,1.0s,SNR=7.4 | iP | PKPbc | 13 01 20.7 | -0.1 |
| KBA | 152.66 345 | iP | PKPbc | 13 01 13.1 | -0.7 |
| KBA | comp=Z,4.6nm,0.7s | iP | PKPbc | 13 01 20.7 | -0.3 |
| VTS | 152.67 327 | PKIKP | PKPbc | 13 01 14.6 | +0.7 |
| VTS | 152.67 327 | PKIKP | PKPbc | 13 01 14.6 | +0.7 |
| VTS | 152.67 327 | eP | PKPbc | 13 01 21.0 | -0.2 |
| UBR | 152.73 350 | ePKPdf | PKPbc | 13 01 14.2 | +0.5 |
| UBR | baz=15,slow=2.4 | ePKPbc | PKIKP | 13 01 21.5 | +0.4 |
| WATA | 152.80 348 | iP | PKPbc | 13 01 13.8 | -0.2 |

14d 13h

Table with columns: I58A, Old Forge, 33.43 18 P, P, 13 29 29.1 -2.1, etc. Lists various station codes and their associated data.

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Table with columns: FRB, Froisher Bay, 53.27 11 LR, LR, 13 56 21.5, etc. Lists various station codes and their associated data.

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Table with columns: SYZ, Scrubby Hill, 2.50 148 P, P, 13 27 37.0 -1.9, etc. Lists various station codes and their associated data.

14d 14h

| | | | | | |
|-------|--------------------------------------------|------|------|-----------------|--|
| KMI | comp=Z,400nm,20.5s | LR | LR | | |
| KMI | comp=Z,500nm,20.7s | LR | LR | | |
| FORT | Forest 32.49 177 P | P | P | 14 21 03.8 -0.3 | |
| INU | Inuyama 34.80 15 P | P | P | 14 21 24.1 0.0 | |
| JGF | Kuroka 35.13 16 P | P | P | 14 21 26.6 -0.4 | |
| KSRS | Korea Array 35.47 2 P | P | P | 14 21 30.6 +0.8 | |
| KS19 | comp=Z,4.1nm,0.6s,baz=183,slow=9.9,SNR=24 | | | | |
| KS19 | Wonju Array Si 35.51 2 P | P | P | 14 21 28.3 -1.9 | |
| KBBO | Bucklebo 35.69 166 P | P | P | 14 21 32.5 +0.6 | |
| CD2 | Chengdu 35.91 326 P | P | P | 14 21 32.8 -1.0 | |
| CD2 | comp=Z,20nm,0.5s | pP | pP | 14 21 45.0 -0.9 | |
| CD2 | comp=Z,20nm,0.5s | LR | LR | | |
| CD2 | comp=Z,470nm,12.9s | LR | LR | | |
| CD2 | comp=Z,670nm,19.8s | LR | LR | | |
| CD2 | comp=Z,720nm,26.5s | LR | LR | | |
| MAJO | Matsushiro 36.24 161 eP | eP | eP | 14 21 35.7 -0.9 | |
| MAJO | comp=Z,30nm,2.0s | IAMB | IAMB | | |
| MAJO | Matsushiro 36.24 16 P | P | P | 14 21 35.0 -1.6 | |
| MAJO | Matsushiro 36.24 16 P | P | P | 14 21 35.6 -1.0 | |
| MJAT | Matsushiro Arr 36.24 16 P | P | P | 14 21 35.9 -0.7 | |
| MJAT | comp=Z,6.1nm,0.7s,baz=179,slow=10,SNR=15 | LR | LR | | |
| MJAR | comp=Z,26nm,18.6s,baz=255,slow=40 | LR | LR | 14 38 48.1 | |
| MJAR | Matsushiro Arr 36.24 16 P | P | P | 14 21 35.2 -1.4 | |
| STKA | Stephens Creek 36.56 158 P | P | P | 14 21 39.5 +0.2 | |
| STKA | comp=Z,4.2nm,0.4s,baz=331,slow=7.3,SNR=13 | P | P | | |
| STKA | Marumori 36.58 19 P | P | P | 14 21 37.5 -1.7 | |
| BJI | Beijing 39.11 348 P | P | P | 14 21 59.9 -0.8 | |
| LZH | comp=Z,12nm,0.8s | pP | pP | | |
| LZH | Lanzhou 39.90 331 pP | pP | pP | 14 22 08.4 +0.8 | |
| LZH | comp=Z,12nm,0.8s | pP | pP | 14 22 26.0 +0.8 | |
| LZH | comp=Z,18nm,1.3s | pmax | pmax | | |
| LZH | comp=Z,64nm,4.8s | LR | LR | | |
| LZH | comp=Z,270nm,18.4s | LR | LR | | |
| LZH | comp=Z,220nm,15.7s | LR | LR | | |
| LZH | comp=Z,280nm,17.9s | LR | LR | | |
| ARMA | Armidale 40.18 145 P | P | P | 14 22 09.7 -0.2 | |
| ARMA | comp=Z,23nm,0.9s | IAMB | IAMB | 14 22 15.2 | |
| SHL | Shillong 40.65 308 P | P | P | 14 22 13.1 -0.9 | |
| SHL | comp=Z,18nm,0.8s | IAMB | IAMB | 14 22 21.0 | |
| HHC | Hu-ho-hao-te 41.04 343 eP | eP | eP | 14 22 16.8 -0.1 | |
| HHC | comp=Z,12nm,0.9s | pmax | pmax | 14 22 17.3 -8.9 | |
| HHC | comp=Z,12nm,0.9s | pmax | pmax | | |
| HHC | comp=Z,140nm,5.4s | LR | LR | | |
| HHC | comp=Z,360nm,14.0s | LR | LR | | |
| HHC | comp=Z,210nm,14.0s | LR | LR | | |
| HHC | comp=Z,270nm,12.9s | LR | LR | | |
| BTO | Baotou 41.29 341 eP | eP | eP | 14 22 21.4 +2.5 | |
| USRK | Ussuriysk Arr. 42.48 6 P | P | P | 14 22 28.9 +0.5 | |
| USRK | comp=Z,4.9nm,0.8s,baz=203,slow=6.9,SNR=4.9 | LR | LR | 14 37 45.0 | |
| USRK | comp=Z,1.08nm,21.8s,baz=176,slow=33 | LR | LR | | |
| H11S3 | WAKE ISLAND Hy 42.92 65 T | T | T | 15 08 16.2 | |
| H11S2 | WAKE ISLAND Hy 42.94 65 T | T | T | 15 08 23.2 | |
| H11S1 | WAKE ISLAND Hy 42.94 65 T | T | T | 15 08 20.2 | |
| TOO | Toolangi 43.08 157 P | P | P | 14 22 33.8 +0.4 | |
| LSA | Lhasa 43.36 313 P | P | P | 14 22 37.0 +0.6 | |
| LSA | comp=Z,34nm,0.9s | IAMB | IAMB | 14 22 37.8 | |
| LSA | Lhasa 43.36 313 P | P | P | 14 22 36.0 -0.4 | |
| LSA | comp=Z,9.2nm,0.7s | IAMB | IAMB | 14 22 37.8 | |
| SANVU | Saraoutou 43.97 114 P | P | P | 14 22 39.2 -1.6 | |
| SANVU | comp=Z,15nm,0.8s | IAMB | IAMB | 14 22 47.6 | |
| GTA | Gaotai 44.48 330 P | P | P | 14 22 44.1 -0.7 | |
| GTA | comp=Z,1nm,1.1s,baz=264,slow=9.2,SNR=2.1 | pP | pP | | |
| GTA | Gaotai 44.48 330 P | P | P | 14 23 01.1 -1.4 | |
| GTA | comp=Z,5.0nm,1.0s | pmax | pmax | 14 24 29.8 +0.5 | |
| GTA | comp=Z,5.7nm,4.7s | LR | LR | | |
| GTA | comp=Z,200nm,17.8s | LR | LR | | |
| GTA | comp=Z,340nm,20.0s | LR | LR | | |
| GTA | comp=Z,250nm,17.1s | LR | LR | | |
| ASAJ | Asahikawa 44.51 17 P | P | P | 14 22 45.0 +0.2 | |
| TAPN | Taplejung 44.78 308 eP | eP | eP | 14 22 47.0 -0.6 | |
| ODAN | Odare 44.81 307 eP | eP | eP | 14 22 47.0 -0.8 | |
| RAMN | Ramite 45.48 307 eP | eP | eP | 14 22 52.3 -0.8 | |
| PALK | Pallekele 45.47 278 P | P | P | 14 22 53.1 -1.8 | |
| PALK | comp=Z,12nm,0.6s | IAMB | IAMB | 14 23 19.2 | |
| GUN | Gumba 46.48 308 eP | eP | eP | 14 22 59.8 -1.3 | |
| PKI | Pulchoki 46.70 307 eP | eP | eP | 14 23 01.7 -1.1 | |
| PKIN | Phulchoki 46.72 307 eP | eP | eP | 14 23 01.4 -1.5 | |
| KKN | Kakani 46.90 307 eP | eP | eP | 14 23 03.1 -1.2 | |
| DMN | Daman 46.96 307 eP | eP | eP | 14 23 03.8 -1.0 | |
| KLR | Kul'dur 47.44 5 P | P | P | 14 23 08.0 +0.2 | |
| KLR | comp=Z,2.5nm,0.8s,baz=163,slow=4.1,SNR=7.1 | pmax | pmax | 14 23 07.3 -0.5 | |
| KLR | Kul'dur 47.44 51 eP | eP | eP | 14 23 07.3 -0.5 | |
| HIA | Hailar 47.57 3541 eP | eP | eP | 14 23 09.7 +0.9 | |
| HIA | comp=Z,24nm,1.7s | pmax | pmax | | |
| DANN | Dangsing 48.36 307 eP | eP | eP | 14 23 14.7 -0.9 | |
| ULN | Ulanbaatar 48.76 3431 eP | eP | eP | 14 23 17.8 -0.4 | |
| ULN | comp=Z,7.0nm,1.0s | pmax | pmax | | |
| ULN | Ulanbaatar 48.76 343 P | P | P | 14 23 15.6 -2.7 | |
| SONM | Songino Array 48.93 342 P | P | P | 14 23 19.2 -0.3 | |
| SONM | comp=Z,3.5nm,0.7s,baz=155,slow=7.5,SNR=16 | pP | pP | 14 24 44.4 +1.2 | |
| SONM | comp=Z,5.3nm,0.8s,baz=110,slow=8.1,SNR=10 | LR | LR | 14 44 55.2 | |
| SONM | Songino Array 48.93 342 P | P | P | 14 23 17.3 -2.2 | |
| HYB | Hyderabad 49.34 291 P | P | P | 14 23 23.0 0.0 | |
| TLY | Talaya 53.17 343 eP | eP | eP | 14 23 52.0 +0.9 | |
| TLY | comp=Z,14nm,1.0s | MLR | MLR | | |
| WMQ | Urungi 54.01 326 eP | eP | eP | 14 23 58.5 +1.0 | |
| BOD | Bodaibo 56.65 352 eP | eP | eP | 14 24 16.5 +0.4 | |
| BOD | comp=Z,16nm,1.8s | pmax | pmax | | |
| PETK | Petropavlovsk 57.33 22 P | P | P | 14 24 21.4 +0.3 | |
| PETK | comp=Z,2.6nm,0.7s,baz=186,slow=5.2,SNR=9.9 | LR | LR | 14 47 57.7 | |
| PETK | Zaisan 57.84 328 eP | eP | eP | 14 24 23.8 -1.2 | |
| ZSN | Zaisan 57.84 328 eP | eP | eP | 14 24 23.5 -1.2 | |
| GSZ | Jazzator, Alta 58.01 3311 eP | eP | eP | 14 24 27.6 +1.6 | |

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|------|--------------------------------------------|------|------|-----------------|--|
| DGZ | comp=Z,9.0nm,2.4s | pmax | pmax | | |
| SHLS | Shalkode 58.51 321 eP | eP | eP | 14 24 27.2 -2.5 | |
| SHLS | Shalkode 58.51 321 eP | eP | eP | 14 24 27.1 -2.5 | |
| SHLS | comp=Z,6.3nm,0.8s,baz=321 | pmax | pmax | | |
| PDGK | Podgornoye 58.58 321 iP | iP | iP | 14 24 30.3 +0.2 | |
| PDGK | comp=Z,12nm,0.8s | pmax | pmax | | |
| NIL | Nilore 58.72 309 P | P | P | 14 24 30.3 -0.9 | |
| UZB | Uzymbulak 58.78 321 eP | eP | eP | 14 24 30.0 -1.5 | |
| UZB | comp=Z,3.4nm,0.8s,baz=321 | pmax | pmax | | |
| UZB | Uzymbulak 58.78 321 eP | eP | eP | 14 24 30.0 -1.5 | |
| UZB | comp=Z,3.0nm,0.8s | pmax | pmax | | |
| MK31 | Makanchi Array 58.84 326 iP | iP | iP | 14 24 31.5 -0.3 | |
| MK31 | Makanchi Array 58.84 326 IAMB | IAMB | IAMB | 14 24 30.4 -1.4 | |
| MK31 | Makanchi Array 58.84 326 IAMB | IAMB | IAMB | 14 24 32.8 | |
| MKAR | Makanchi Array 58.84 326 P | P | P | 14 24 31.5 -0.3 | |
| MKAR | comp=Z,5.8nm,0.5s,baz=122,slow=7.6,SNR=7.9 | pmax | pmax | | |
| MKAR | Makanchi Array 58.84 326 P | P | P | 14 24 30.6 -1.1 | |
| MAKZ | Makanchi 59.02 326 iP | iP | iP | 14 24 32.1 -0.9 | |
| MAKZ | comp=Z,5.0nm,0.6s | pmax | pmax | | |
| MAKZ | Makanchi 59.02 326 P | P | P | 14 24 32.1 -0.9 | |
| MAKZ | comp=Z,8.6nm,1.0s | IAMB | IAMB | 14 24 34.4 | |
| KSH | Kashi 59.06 316 P | P | P | 14 24 35.3 +1.7 | |
| KSH | comp=Z,5.0nm,0.9s | pP | pP | 14 24 49.1 -2.5 | |
| KSH | comp=Z,5.0nm,0.9s | PP | PP | 14 26 49.3 +1.8 | |
| KSH | comp=Z,160nm,7.1s | pmax | pmax | 14 32 38.6 +1.3 | |
| SATY | Saty 59.12 321 eP | eP | eP | 14 24 32.6 -1.3 | |
| SATY | comp=Z,6.8nm,0.8s,baz=321 | pmax | pmax | | |
| SATY | Saty 59.12 321 eP | eP | eP | 14 24 32.6 -1.3 | |
| SATY | comp=Z,7.0nm,0.8s | pmax | pmax | | |
| KPKS | Kokpek 59.15 321 eP | eP | eP | 14 24 33.2 -1.0 | |
| KPKS | comp=Z,8.9nm,0.7s,baz=321 | pmax | pmax | | |
| KPKS | Kokpek 59.15 321 eP | eP | eP | 14 24 33.1 -1.0 | |
| KPKS | comp=Z,9.0nm,0.7s | pmax | pmax | | |
| KDJ | Kajisy 59.45 319 P | P | P | 14 24 36.6 +0.3 | |
| MDOK | Medeo 60.04 320 eP | eP | eP | 14 24 39.2 -1.1 | |
| MDOK | Medeo 60.04 320 eP | eP | eP | 14 24 39.2 -1.4 | |
| TNSS | Tian-Shan 60.04 320 eP | eP | eP | 14 24 39.2 -1.4 | |
| TNSS | Yakutsk 60.09 2 eP | eP | eP | 14 24 39.6 -0.4 | |
| YAK | Yakutsk 60.09 2 eP | eP | eP | 14 24 49.0 -3.8 | |
| YAK | comp=Z,25nm,1.1s | ePPP | ePPP | 14 25 25.9 | |
| YAK | comp=Z,25nm,1.1s | ePPP | ePPP | 14 28 17.3 | |
| YAK | comp=Z,25nm,1.1s | eSS | eSS | 14 32 52.7 +3.2 | |
| YAK | comp=Z,25nm,1.1s | eSS | eSS | 14 33 12.4 +1.5 | |
| YAK | comp=Z,25nm,1.1s | pmax | pmax | 14 34 28.0 | |
| YAK | comp=E,5.0nm,1.3s | pmax | pmax | | |
| YAK | comp=N,13nm,1.1s | pmax | pmax | | |
| YAK | comp=Z,548nm,4.4s | pmax | pmax | | |
| YAK | comp=E,96nm,4.4s | pmax | pmax | | |
| YAK | comp=N,199nm,4.3s | pmax | pmax | | |
| YAK | comp=N,295nm,4.1s | smax | smax | | |
| YAK | comp=E,135nm,4.5s | smax | smax | | |
| YAK | Yakutsk 60.09 2 P | P | P | 14 24 39.7 -0.4 | |
| TDK | Taldyqorghan 60.11 323 eP | eP | eP | 14 24 40.0 -0.7 | |
| TDK | comp=E,6.6nm,0.5s,baz=323 | pmax | pmax | | |
| TDK | Taldyqorghan 60.11 323 eP | eP | eP | 14 24 39.9 -0.7 | |
| AAA | Alma-Ata 60.14 320 eP | eP | eP | 14 24 40.4 -0.6 | |
| AAA | Alma-Ata 60.14 320 eP | eP | eP | 14 24 40.3 -0.6 | |
| AAA | Alma-Ata 60.14 320 eP | eP | eP | 14 24 42.9 +0.4 | |
| CHHK | Chushkaly 60.41 321 eP | eP | eP | 14 24 41.7 -1.0 | |
| CHHK | Chushkaly 60.41 321 eP | eP | eP | 14 24 41.6 -1.0 | |
| BOOM | Boomsokoye usch BOOM 60.43 319 P | P | P | 14 24 42.7 -0.3 | |
| BOOM | comp=Z,1.8nm,0.9s,baz=216,slow=7.8,SNR=6.6 | IAMB | IAMB | 14 24 54.5 | |
| RPZ | Rata Peaks 60.50 144 LR | LR | LR | 14 52 38.3 | |
| MA2 | Magadan 60.63 14 P | P | P | 14 24 44.0 +0.2 | |
| MA2 | Magadan 60.63 141 eP | eP | eP | 14 24 45.0 +1.2 | |
| MA2 | comp=Z,38nm,1.2s | pmax | pmax | | |
| MA2 | Magadan 60.63 14 P | P | P | 14 24 42.9 -0.9 | |
| KUU | Kurty 60.84 321 eP | eP | eP | 14 24 44.3 -1.3 | |
| KUU | comp=Z,12nm,0.8s,baz=321 | pmax | pmax | | |
| TUWZ | Tuamarina 60.99 141 P | P | P | 14 24 46.3 -0.2 | |
| AAK | Ala-Archa 61.45 3191 eP | eP | eP | 14 24 51.5 +1.6 | |
| AAK | comp=Z,15nm,1.1s | pmax | pmax | | |
| AAK | Zalesovo Array 61.45 319 P | P | P | 14 24 48.6 -1.3 | |
| ZAAO | | | | | |

ROM 14 14:33:27.7-0.1, 40.456N-0.009-15.14E-0.02, h329km, 1km, ML4.0, Error ellipse: s-maj=1.6km s-min=0.4km az=62.0

LDG 14 14:33:30.3-0.4, 40.47N:14.94E, h305km

NEIC 14 14:33:31.9-1.2, 40.46N:0.06-15.01E-0.08, h300km, 5km, mb4.2/153, ML4.0(ROM), Error ellipse: s-maj=9.3km s-min=8.1km az=208.0

MED_RC 14 14:33:31.0-2.3, 40.46N:15.17E, h364km±17km MW4.3/8, Moment Tensor Solution, Mantle waves: s8, c8; Duration: 19.0 Moment tensor: Scale 10¹⁵Nm; M_{rr}-3.47±.35; M_{θθ}-3.58±1.03; M_{φφ}-0.17±.88; M_{rr}-1.00±.66; M_{θθ}-1.62±.68; M_{φφ}-0.44±.46; Best double couple: M₀-0.5000; 1015 NP1_θ-292.0000°; δ37.0000°; λ-91.0000°; NP2: φ₁13.0000°; δ53.0000°; λ-89.0000°. Principal axes: T 4.4800, P1g8.0000°, Azm202.0000°; N -0.8500, P1g1.0000°, Azm292.0000°; P -3.6200, P1g82.0000°, Azm26.0000°; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=30s.

MOS 14 14:33:31.2-0.8, 40.43N:14.93E, h308km, mb4.0/32 Error ellipse: s-maj=6.6km s-min=4.1km az=86.9

IDC 14 14:33:32.3-1.0, 40.47N:14.93E, h306km±10km, mb3.6/27, mb1 3.7/39, mb1mx3.6/54, mb1mtp4.3/39, Error ellipse: s-maj=5.9km s-min=7.4km az=115.0

PDG 14 14:33:42.5-8.4, 40.58N:15.30E, h35km, 26km, ML3.9/13, Error ellipse: s-maj=5.0km s-min=6.7km az=0.0

ISC 14 14:33:32.1-0.5, 40.49N:0.04-15.05E-0.03, h301km, 4km, m663, σ1±12/699, mb4.2/111, 54C-86D, Southern Italy

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|--------------------|------|-----|----------|------------|------|
| | | | | | h m s | ISC |
| CDRU | Civita di Ruta | 0.20 | 91 | P S | 14 34 10.3 | 0.0 |
| CDRU | comp=N,398μm,0.9s | | | AML | 14 34 42.2 | +1.4 |
| CDRU | comp=E,472μm,0.4s | | | AML | | |
| CMPR | Campora | 0.26 | 132 | P S | 14 34 10.2 | -0.2 |
| CMPR | comp=N,566μm,1.2s | | | AML | 14 34 41.8 | +0.9 |
| CMPR | comp=E,652μm,0.3s | | | AML | | |
| MCRV | Calabretti - M | 0.30 | 17 | P S | 14 34 10.4 | 0.0 |
| MCRV | comp=N,576μm,0.4s | | | AML | 14 34 41.5 | +0.6 |
| MCRV | comp=E,868μm,0.4s | | | AML | | |
| MCRV | comp=N,576μm,0.4s | | | AML | | |
| MRLC | Muro Lucano | 0.42 | 52 | P S | 14 34 10.8 | +0.2 |
| MRLC | comp=N,534μm,1.5s | | | AML | 14 34 42.6 | +1.4 |
| MRLC | comp=N,745μm,1.5s | | | AML | | |
| MRLC | comp=E,574μm,1.5s | | | AML | | |
| MRLC | comp=N,793μm,1.5s | | | AML | | |
| SNAL | S. Angelo Dei | 0.45 | 16 | P S | 14 34 10.8 | +0.2 |
| SNAL | comp=N,430μm,1.1s | | | AML | | |
| SNAL | comp=E,405μm,1.0s | | | AML | | |
| SNAL | comp=N,484μm,1.1s | | | AML | | |
| SNAL | comp=E,410μm,1.0s | | | AML | | |
| SNAL | comp=N,462μm,0.9s | | | AML | | |
| SNAL | comp=E,409μm,1.3s | | | AML | | |
| SNAL | comp=E,410μm,1.0s | | | AML | | |
| SNAL | comp=N,495μm,0.9s | | | AML | | |
| SLCN | Sala Consilina | 0.46 | 103 | P S | 14 34 10.7 | -0.1 |
| SLCN | comp=N,1935μm,0.4s | | | AML | | |
| SLCN | comp=N,1430μm,0.4s | | | AML | | |
| SLCN | comp=N,898μm,1.5s | | | AML | | |
| SLCN | comp=N,774μm,1.6s | | | AML | | |
| BULG | Bulgheria - Ca | 0.48 | 149 | P S | 14 34 10.8 | 0.0 |
| BULG | comp=N,1053μm,0.8s | | | AML | | |
| BULG | comp=N,1055μm,0.8s | | | AML | | |
| BULG | comp=N,1815μm,0.4s | | | AML | | |
| BULG | comp=N,1770μm,0.4s | | | AML | | |
| MGR | Morigerati | 0.52 | 133 | P S | 14 34 10.7 | -0.1 |
| MGR | comp=N,1145μm,1.3s | | | AML | 14 34 42.3 | +0.6 |
| MGR | comp=N,1265μm,0.6s | | | AML | | |
| MGR | comp=N,1775μm,0.8s | | | AML | | |
| MGR | comp=N,1715μm,0.5s | | | AML | | |
| CAFE | Carife | 0.55 | 15 | P S | 14 34 11.3 | +0.4 |
| CAFE | comp=N,1120μm,0.7s | | | AML | 14 34 43.7 | +1.9 |
| CAFE | comp=N,1130μm,0.7s | | | AML | | |
| CAFE | comp=N,602μm,1.1s | | | AML | | |
| CAFE | comp=N,1125μm,0.7s | | | AML | | |
| CAFE | comp=N,593μm,0.8s | | | AML | | |
| NLA | Nola | 0.57 | 318 | P S | 14 34 11.2 | +0.3 |
| MTSN | Montesano sull | 0.58 | 113 | P S | 14 34 10.7 | -0.4 |
| MTSN | comp=N,995μm,0.4s | | | AML | | |
| MTSN | comp=N,868μm,0.3s | | | AML | | |
| MTSN | comp=N,868μm,0.3s | | | AML | | |
| MTSN | comp=N,868μm,0.3s | | | AML | | |
| OVO | Vesuviano | 0.60 | 304 | P | 14 34 11.5 | +0.5 |
| MCEL | Monticello | 0.60 | 106 | P S | 14 34 11.4 | +0.2 |
| MCEL | comp=N,1270μm,0.4s | | | AML | 14 34 43.3 | +1.1 |
| MCEL | comp=N,1026μm,0.4s | | | AML | | |
| MCEL | comp=N,999μm,0.3s | | | AML | | |
| MCEL | comp=N,1265μm,0.4s | | | AML | | |
| VULT | Monte Vulture | 0.63 | 43 | P S | 14 34 10.9 | -0.3 |
| VULT | comp=N,612μm,0.3s | | | AML | | |
| VULT | comp=N,1054μm,0.3s | | | AML | | |
| MRB1 | Monte Rocchett | 0.64 | 355 | P S | 14 34 11.4 | +0.3 |
| MRB1 | comp=N,818μm,0.5s | | | AML | | |
| MRB1 | comp=N,964μm,0.9s | | | AML | | |
| MRB1 | comp=N,1040μm,0.6s | | | AML | | |
| MRB1 | comp=N,819μm,0.5s | | | AML | | |
| MRB1 | comp=N,962μm,0.9s | | | AML | | |
| MRB1 | comp=N,732μm,0.6s | | | AML | | |
| PAOL | Paolisi | 0.65 | 326 | P S | 14 34 11.2 | +0.1 |
| PAOL | comp=N,1046μm,0.4s | | | AML | 14 34 11.4 | +0.2 |
| PAOL | comp=N,1046μm,0.4s | | | AML | | |

| | | | | | | |
|------|--------------------|------|-----|-----|------------|------|
| PAOL | comp=N,1245μm,0.4s | | | AML | AML | AML |
| PAOL | comp=N,1139μm,0.4s | | | AML | AML | AML |
| SGTA | Sant Agata di | 0.68 | 20 | P S | 14 34 11.5 | +0.2 |
| SGTA | comp=N,628μm,0.9s | | | AML | 14 34 43.7 | +1.2 |
| SGTA | comp=N,556μm,1.2s | | | AML | | |
| SGTA | comp=N,514μm,1.4s | | | AML | | |
| SGTA | comp=N,669μm,0.9s | | | AML | | |
| SIRI | Monte Sirino - | 0.70 | 116 | P S | 14 34 11.0 | -0.5 |
| SIRI | comp=N,907μm,0.5s | | | AML | | |
| SIRI | comp=N,891μm,1.0s | | | AML | | |
| SIRI | comp=N,892μm,1.0s | | | AML | | |
| SIRI | comp=N,904μm,0.5s | | | AML | | |
| SIRI | comp=N,914μm,0.3s | | | AML | | |
| SIRI | comp=N,906μm,0.5s | | | AML | | |
| BIOG | Biogen | 0.71 | 5 | P S | 14 34 12.4 | +1.1 |
| ACER | Acerenza | 0.74 | 66 | P S | 14 34 11.1 | -0.4 |
| ACER | comp=N,342μm,0.6s | | | AML | 14 34 43.0 | +0.2 |
| ACER | comp=N,384μm,1.1s | | | AML | | |
| PSB1 | Pescosannita | 0.75 | 346 | P S | 14 34 11.7 | +0.2 |
| PSB1 | comp=N,355μm,1.3s | | | AML | | |
| VITU | Vitulano (BN) | 0.76 | 335 | P | 14 34 11.7 | +0.2 |
| VITU | comp=N,346μm,0.7s | | | AML | | |
| VITU | comp=N,934μm,1.3s | | | AML | | |
| VITU | comp=N,934μm,1.3s | | | AML | | |
| VITU | comp=N,914μm,0.3s | | | AML | | |
| VITU | comp=N,935μm,1.3s | | | AML | | |
| CUC | Castrociucco | 0.77 | 130 | P S | 14 34 11.2 | -0.5 |
| CUC | comp=N,622μm,0.9s | | | AML | 14 34 41.9 | -1.3 |
| CUC | comp=N,728μm,0.9s | | | AML | | |
| CUC | comp=N,622μm,0.9s | | | AML | | |
| CUC | comp=N,676μm,1.0s | | | AML | | |
| CUC | comp=N,556μm,1.0s | | | AML | | |
| PALZ | Palazzo San Ge | 0.83 | 57 | P S | 14 34 11.7 | -0.1 |
| PALZ | comp=N,1665μm,1.1s | | | AML | 14 34 43.6 | +0.3 |
| PALZ | comp=N,770μm,1.4s | | | AML | | |
| SCHR | S. Chirico Rap | 0.84 | 110 | P S | 14 34 11.8 | -0.2 |
| SCHR | comp=N,298μm,0.6s | | | AML | 14 34 43.7 | +0.1 |
| SCHR | comp=N,298μm,0.6s | | | AML | | |
| SCHR | comp=N,298μm,0.6s | | | AML | | |
| SCHR | comp=N,298μm,0.6s | | | AML | | |
| MOCO | Biccarri - m.te | 0.88 | 5 | P S | 14 34 12.3 | +0.3 |
| MOCO | comp=N,236μm,0.6s | | | AML | | |
| MOCO | comp=N,247μm,0.6s | | | AML | | |
| MOCO | comp=N,438μm,0.5s | | | AML | | |
| MOCO | comp=N,449μm,0.5s | | | AML | | |
| OC9 | Casancicciola | 0.91 | 286 | P | 14 34 12.5 | +0.5 |
| MMN | Mormanno | 0.94 | 130 | P | 14 34 11.8 | -0.4 |
| MMN | comp=N,214μm,1.0s | | | AML | | |
| MMN | comp=N,157μm,0.6s | | | AML | | |
| SACR | S. Croce Del S | 0.94 | 344 | P | 14 34 12.3 | +0.1 |
| SACR | comp=N,320μm,0.9s | | | AML | | |
| SACR | comp=N,316μm,0.6s | | | AML | | |
| SACR | comp=N,1126μm,1.0s | | | AML | | |
| SACR | comp=N,320μm,0.9s | | | AML | | |
| SACR | comp=N,325μm,0.9s | | | AML | | |
| PIGN | Pignataro Magg | 0.97 | 317 | P S | 14 34 12.8 | +0.5 |
| PIGN | comp=N,205μm,1.6s | | | AML | 14 34 44.9 | +0.6 |
| PIGN | comp=N,1916μm,1.6s | | | AML | | |
| PIGN | comp=N,903μm,0.7s | | | AML | | |
| PIGN | comp=N,716μm,0.7s | | | AML | | |
| GATE | Gambatesa | 1.02 | 354 | P | 14 34 13.2 | +0.7 |
| GATE | comp=N,1510μm,0.9s | | | AML | | |
| GATE | comp=N,741μm,0.8s | | | AML | | |
| GATE | comp=N,764μm,0.3s | | | AML | | |
| GATE | comp=N,1705μm,0.9s | | | AML | | |
| SGG | Gregorio Mates | 1.03 | 331 | P S | 14 34 12.3 | -0.5 |
| SGG | comp=N,2.5nm,0.6s | | | AML | 14 34 44.3 | -0.5 |
| SGG | comp=N,751μm,0.7s | | | AML | | |
| SGG | comp=N,676μm,0.5s | | | AML | | |
| MRVN | Minervino Morg | 1.04 | 57 | P S | 14 34 12.4 | -0.3 |
| MRVN | comp=N,454μm,1.2s | | | AML | 14 34 44.3 | -0.7 |
| MRVN | comp=N,178μm,1.6s | | | AML | | |
| CRAC | Craco | 1.06 | 96 | P S | 14 34 12.4 | -0.4 |
| CRAC | comp=N,696μm,0.9s | | | AML | 14 34 45.4 | +0.2 |
| CRAC | comp=N,956μm,0.8s | | | AML | | |
| MIGL | Miglianico | 1.07 | 84 | P S | 14 34 12.3 | -0.5 |
| MIGL | comp=N,1380μm,1.3s | | | AML | 14 34 44.7 | -0.5 |
| MIGL | comp=N,2245μm,1.4s | | | AML | | |
| MIGL | comp=N,2285μm,0.9s | | | AML | | |
| MIGL | comp=N,1595μm,1.0s | | | AML | | |
| MSC | Monte Massico | 1.07 | 311 | P S | 14 34 13.4 | +0.6 |
| MODR | Modrone | 1.10 | 307 | P S | 14 34 13.3 | +0.3 |
| MODR | comp=N,556μm,0.5s | | | AML | 14 34 45.8 | +0.3 |
| MODR | comp=N,548μm,0.3s | | | AML | | |
| BSSO | Busso | 1.11 | 342 | P S | 14 34 13.4 | +0.6 |
| BSSO | comp=N,331μm,1.5s | | | AML | 14 34 45.8 | +0.3 |
| BSSO | comp=N,668μm,1.1s | | | AML | | |
| BSSO | comp=N,787μm,1.5s | | | AML | | |

| | | | | | | |
|-------|--------------------|------|-----|-----|------------|------|
| BSSO | comp=N,264μm,1.1s | | | AML | AML | AML |
| T0702 | Acquaformosa (| 1.11 | 134 | P S | 14 34 12.4 | -0.8 |
| ORI | Oriolo Calabro | 1.15 | 111 | P S | 14 34 12.4 | -0.8 |
| ORI | comp=N,1765μm,0.6s | | | AML | | |
| CIGN | Sant'Elia a Pi | 1.17 | 355 | P S | 14 34 13.2 | 0.0 |
| CIGN | comp=N,2305μm,0.5s | | | AML | 14 34 | |

Table with columns for station name, frequency, and signal strength. Includes stations like INTR, VVLD, GUAR, CGLI, TIP, LATB, SERS, GRI, T0110, JOPP, IACL, LLI, FAGN, VCEL, VPL, CERT, MILZ, AOU, FIAM, PLAC, MSCL, MPNC, CAMP, MCSR, RM33, MUCR, NOV, MSFR, AIO, MTG, SOI.

Table with columns for station name, frequency, and signal strength. Includes stations like SOI, MNO, LNNS, GIB, MPAZ, SCTE, NRCA, PETRA, TOLF, CESH, CORL, FDMO, MOMA, CESI, VAE, STON, ASSB, LATE, ATCC, CLTB, HCY, MGAB, FOSV, TREB, MURB, ATTE, MEU, SSFR, BUM, ATFO, CLTA, ULC, ATVO, ATMI, ATMI, HAVL, DRME, BRY, BRY, CEME, MPAG, PIEI, PIEI, FSSB, NKME, PDG, PDG, TIR, TIR, NKY, PARC, PARC, CRE, CRE, CASP, UPN, UPN, UPN, KOME, KOME, OSSC, PVY.

Table with columns for station name, frequency, and signal strength. Includes stations like PVY, PLE, PLE, IVA, IVA, OHR, VSL, VSL, VSL, BLY, BLY, HAPS, HAPS, CBLS, CBLS, PGF, PGF, VLC, VLC, SKO, SKO, SKDS, SKDS, DIVS, DIVS, TEBER, TEBER, CEY, CEY, VISS, VISS, CBES, CBES, CRBS, CRBS, GBAS, GBAS, TEOL, TEOL, STIP, STIP, GOLS, GOLS, LIT, LIT, MSA, MSA, LIT, LIT, AGG, AGG, AGG, AGG, FRGS, FRGS, STAL, STAL, OBKA, OBKA, CTI, CTI, CTI, CTI, SOKA, SOKA, KKB, KKB, MYKA, MYKA, ZOU, ZOU, MORH, MORH, ITM, ITM, VTS, VTS, ABTA, ABTA, KEST, KEST, KEST, KEST, SBF, SBF, MMB, MMB, KBA, KBA, ARSA, ARSA, FRF, FRF, LMR, LMR, HERR, HERR, BZS, BZS, FUORN, FUORN, PGB, PGB, WTTA, WTTA, FETA, FETA, TUE, TUE, SQTA, SQTA, WATA, WATA, DAVOX, DAVOX, MOA, MOA, RZN, RZN, MOTA, MOTA, MBDF, MBDF, PLD, PLD, CONA, CONA, GZR, GZR, RETA, RETA, BNI, BNI, BNI, BNI, SRO, SRO, SRO, SRO, DAVA, DAVA, ZST, ZST, ZST, ZST, SMRF, SMRF, LGP, LGP, LGP, LGP, LPL, LPL, LPL, LPL, MODS, MODS, MODS, MODS, DIM, DIM, ORIF, ORIF, SENIN, SENIN, PSZ, PSZ, PSZ, PSZ, SMOL, SMOL, SMOL, SMOL, ALN, ALN, ALN, ALN, DRG, DRG, GERES, GERES, GERES, GERES, GERES, GERES, VYHS, VYHS, ARR, ARR, JAVC, JAVC, SZH, SZH, KRUC, KRUC, KHC, KHC, KHC, KHC, VIVF, VIVF, VOIR, VOIR, APE, APE, APE, APE, JMB, JMB, VRAC, VRAC, VRAC, VRAC.

| | | | | | | |
|--------------------------------------------|-----------------|-----------|-----|-----|-----------------|-----------------|
| VRAC | Vranov | 8.88 | 7 | ePn | Pn | 14 35 37.1 +0.8 |
| CABF | La Chapelle | 8.93 316 | eP | Pn | 14 35 35.1 -1.8 | |
| CABF | La Chapelle | 8.93 316 | eP | Pn | 14 35 39.3 +2.4 | |
| CABF | La Chapelle | 8.93 316 | eS | S | 14 37 18.2 -0.3 | |
| comp=Z,5.6nm,0.6s | | | | | | |
| LASF | Ste Croix | 9.03 297 | ePn | Pn | 14 35 39.3 +1.1 | |
| RAZG | Razgrad | 9.06 366 | IP | P | 14 35 39.4 +0.8 | |
| SSB | Saint Sauveur | 9.07 305 | P | Pn | 14 35 38.1 -0.6 | |
| SSB | Saint Sauveur | 9.07 305 | Pn | Pn | 14 35 38.1 -0.6 | |
| SANT | Santorini | 9.14 113 | Pn | Pn | 14 35 39.5 -0.2 | |
| BFO | Black Forest | 9.19 331 | P | P | 14 35 39.6 -0.5 | |
| BFO | Black Forest | 9.19 331 | Pn | Pn | 14 35 39.6 -0.5 | |
| PBCC | Pribram | 9.22 356 | ePn | Pn | 14 35 40.5 +0.1 | |
| STU | Stuttgart | 9.27 335 | P | Pn | 14 35 41.0 0.0 | |
| STU | Stuttgart | 9.27 335 | Pn | Pn | 14 35 41.0 0.0 | |
| IDI | Anoyia | 9.35 121 | P | Pn | 14 35 42.3 0.0 | |
| comp=Z,0.9nm,0.3s,baz=307,slow=2.3,SNR=29 | | | | | | |
| IDI | Anoyia | 9.35 121 | Pn | Pn | 14 37 34.1 +5.7 | |
| GRNF | Hinterfeld | 9.39 324 | eP | Pn | 14 35 42.2 -0.1 | |
| GRNF | Hinterfeld | 9.39 324 | eS | S | 14 37 26.9 -2.0 | |
| comp=Z,3.1nm,0.5s | | | | | | |
| MLR | Muntele Rosu | 9.41 54 | P | P | 14 35 45.7 -1.5 | |
| comp=Z,5.1nm,0.3s,baz=226,slow=4.3,SNR=147 | | | | | | |
| MLR | Muntele Rosu | 9.41 54 | P | P | 14 37 42.4 +1.3 | |
| comp=Z,2.9nm,0.3s,baz=229,slow=2.2,SNR=3.0 | | | | | | |
| MLR | Muntele Rosu | 9.41 54 | IP | P | 14 35 45.1 -2.1 | |
| MLR | Muntele Rosu | 9.41 54 | IP | P | 14 35 45.3 -1.9 | |
| MORC | Moravsky Berou | 9.45 10 | Pn | Pn | 14 35 44.2 +0.9 | |
| MORC | Moravsky Berou | 9.45 10 | P | Pn | 14 35 44.6 +1.1 | |
| MORC | Moravsky Berou | 9.45 10 | Pn | Pn | 14 35 44.4 +1.1 | |
| CRVS | Cervencia-Dubn | 9.56 26 | eP | P | 14 35 52.2 +3.5 | |
| CRVS | Cervencia-Dubn | 9.56 26 | ePn | P | 14 35 52.2 +3.5 | |
| ECH | Echery | 9.56 326 | P | Pn | 14 35 44.6 -0.1 | |
| ECH | Echery | 9.56 326 | Pn | Pn | 14 35 44.6 -0.1 | |
| GRF | Grafenberg Arr | 9.59 345 | Pn | Pn | 14 35 45.4 +0.5 | |
| GRF | Grafenberg Arr | 9.59 345 | P | Pn | 14 35 45.4 +0.5 | |
| NEHU | Nehouï | 9.60 55 | IP | P | 14 35 47.2 -2.0 | |
| OZUR | Ozur | 9.62 51 | IP | P | 14 35 47.2 +1.8 | |
| CDF | Champ du Feu | 9.67 328 | eP | Pn | 14 35 46.3 +0.3 | |
| HAU | Haudompre | 9.76 323 | eP | Pn | 14 35 46.4 -0.7 | |
| HAU | Haudompre | 9.76 323 | eS | S | 14 37 37.1 -0.1 | |
| comp=Z,1.3nm,0.3s | | | | | | |
| KOLS | Kolonické sedl | 9.88 29 | eP | P | 14 35 50.4 -1.8 | |
| KOLS | Kolonické sedl | 9.88 29 | ePn | P | 14 35 50.4 -1.8 | |
| DPF | Dobruska-Polom | 9.90 5 | eP | P | 14 35 53.9 +1.5 | |
| DPF | Dobruska-Polom | 9.90 5 | ePn | P | 14 35 53.9 +1.5 | |
| MTLF | Montlieu | 9.98 291 | eP | P | 14 35 52.6 -0.8 | |
| PLOR | Plostina | 10.02 54 | IP | P | 14 35 52.7 -1.2 | |
| UPC | Upice | 10.04 4 | eP | P | 14 35 55.0 +1.1 | |
| UPC | Upice | 10.04 4 | ePn | P | 14 35 55.0 +1.1 | |
| VR | Vrincioala | 10.07 54 | IP | Pn | 14 35 52.6 +1.6 | |
| CHVC | Chvalec | 10.12 4 | ePn | P | 14 35 56.2 +1.3 | |
| SMF | Signal de Mont | 10.19 311 | eP | Pn | 14 35 50.1 -2.3 | |
| SMF | Signal de Mont | 10.19 311 | ePn | Pn | 14 35 54.6 -1.1 | |
| SMF | Signal de Mont | 10.19 311 | eS | S | 14 37 47.1 +0.1 | |
| comp=Z,0.9nm,0.3s | | | | | | |
| BURAR | Bucovina Arry | 10.20 42 | IP | Pn | 14 35 54.8 -1.1 | |
| BURAR | Bucovina Arry | 10.20 42 | IP | Pn | 14 35 53.7 +1.1 | |
| BUR08 | Bucovina Ar. S | 10.21 42 | IP | Pn | 14 35 54.0 +1.2 | |
| BIZ | Bicz | 10.27 47 | IP | P | 14 35 55.4 -1.1 | |
| TESR | Tescani | 10.31 54 | IP | P | 14 35 56.7 +0.8 | |
| BRG | Berggiesshubel | 10.41 356 | iP | P | 14 35 56.2 +1.2 | |
| comp=Z,7.5nm,1.3s | | | | | | |
| BRG | Berggiesshubel | 10.41 356 | iP | P | 14 36 00.7 | |
| comp=Z,4.3nm,0.6s | | | | | | |
| BRG | Berggiesshubel | 10.41 356 | iP | Pn | 14 35 56.2 +1.2 | |
| BRG | Berggiesshubel | 10.41 356 | iP | Pn | 14 35 56.2 +1.2 | |
| comp=Z,1.0nm,1.0s | | | | | | |
| BRG | Berggiesshubel | 10.41 356 | iP | Pn | 14 35 56.2 +1.2 | |
| BRG | Berggiesshubel | 10.41 356 | iP | Pn | 14 35 56.2 +1.2 | |
| comp=Z,1.0nm,1.0s | | | | | | |
| PAGF | Fort de Pagny | 10.45 324 | eP | Pn | 14 35 54.1 -1.4 | |
| SFTF | Sextfontaines | 10.52 320 | eP | Pn | 14 35 55.0 -1.4 | |
| CAF | Calvac | 10.53 299 | ePn | P | 14 35 59.0 -0.5 | |
| CAF | Calvac | 10.53 299 | eS | S | 14 37 55.1 +0.3 | |
| comp=Z,1.4nm,0.2s | | | | | | |
| LOR | Lormes | 10.53 314 | eP | Pn | 14 35 55.2 -1.4 | |
| comp=Z,1.4nm,0.2s | | | | | | |
| AVF | Avril sur Loir | 10.55 310 | ePn | Pn | 14 35 54.7 -2.1 | |
| AVF | Avril sur Loir | 10.55 310 | ePn | Pn | 14 35 59.2 -0.5 | |
| AVF | Avril sur Loir | 10.55 310 | eS | S | 14 37 55.2 +0.1 | |
| SSF | Saint Saugle | 10.61 312 | eP | Pn | 14 35 55.0 -2.5 | |
| SSF | Saint Saugle | 10.61 312 | eS | S | 14 37 56.8 +0.3 | |
| comp=Z,0.5nm,0.3s | | | | | | |
| MANT | Manisa | 10.63 96 | Pn | Pn | 14 35 59.0 +0.9 | |
| TIRR | Tirgusor | 10.63 64 | IP | P | 14 35 58.8 +1.0 | |
| TIRR | Tirgusor | 10.63 64 | IP | Pn | 14 35 58.3 +0.5 | |
| TIRR | Tirgusor | 10.63 64 | IP | Pn | 14 35 58.3 +0.5 | |
| CFR | Carcalui | 10.69 60 | IP | Pn | 14 35 59.3 +0.8 | |
| MEZF | Matizieres J'vi | 10.72 322 | ePn | P | 14 36 02.1 +0.6 | |
| comp=Z,1.4nm,0.2s | | | | | | |
| BGF | Bois d'Angland | 10.73 308 | ePn | P | 14 36 01.8 +0.1 | |
| TPGR | Topolog | 10.76 62 | IP | P | 14 36 00.6 +1.2 | |
| BIR | Bird | 10.81 57 | IP | P | 14 36 01.7 -1.0 | |
| CLL | Collm | 10.91 353 | eP | Pn | 14 35 59.0 -2.1 | |
| CLL | Collm | 10.91 353 | eP | Pn | 14 35 59.0 -2.1 | |
| TCF | Toulx Ste Croi | 10.99 306 | eP | Pn | 14 36 05.8 -2.3 | |
| TCF | Toulx Ste Croi | 10.99 306 | ePn | Pn | 14 36 05.8 -2.3 | |
| TCF | Toulx Ste Croi | 10.99 306 | eS | S | 14 38 05.5 +0.4 | |
| RJF | Les Rejaudoux | 11.03 300 | ePn | P | 14 36 04.7 -0.3 | |
| RJF | Les Rejaudoux | 11.03 300 | eS | S | 14 38 06.7 +0.7 | |
| comp=Z,0.9nm,0.3s | | | | | | |
| VASF | Vaslui | 11.09 52 | IP | P | 14 36 04.8 -1.0 | |
| WLF | Walferdange | 11.11 329 | P | P | 14 36 07.6 +1.7 | |
| WLF | Walferdange | 11.11 329 | P | P | 14 36 04.8 -1.1 | |
| WLF | Walferdange | 11.11 329 | P | P | 14 36 04.8 -1.1 | |
| TLCR | L'vov | 11.14 61 | IP | P | 14 36 05.6 -0.6 | |
| LVV | L'vov | 11.27 31 | eP | P | 14 36 07.9 +0.2 | |
| LVV | L'vov | 11.27 31 | eS | S | 14 38 12.4 +1.2 | |
| comp=Z,3.0nm,0.8s | | | | | | |
| EPF | Esparrros | 11.28 288 | ePn | P | 14 36 10.2 +2.3 | |
| LF | La Frestate | 11.42 298 | ePn | P | 14 36 09.4 0.0 | |
| LF | La Frestate | 11.42 298 | eS | S | 14 38 16.0 +1.1 | |
| comp=Z,2.5nm,0.4s | | | | | | |
| MILM | Milestii Mici | 11.84 53 | IP | P | 14 36 13.5 -0.5 | |
| BTNL | Ternell | 11.86 331 | IP | P | 14 36 16.1 +1.8 | |
| ETSF | Elsaut | 11.91 287 | eP | Pn | 14 36 11.7 -1.8 | |
| MEM | Membauch | 11.93 331 | eP | P | 14 36 16.9 +1.4 | |
| GIVF | Givet | 11.99 327 | eP | P | 14 36 15.7 0.0 | |
| DOU | Dourbes | 12.09 326 | P | P | 14 36 17.4 +0.7 | |
| BGES | Gesves | 12.10 328 | P | P | 14 36 16.7 -0.2 | |
| AKAS | Kas | 12.19 106 | IP | Pn | 14 36 16.9 -0.1 | |
| SKAS | Soroeca | 12.20 107 | IP | Pn | 14 36 18.7 +0.2 | |
| EL | Elmali | 12.21 103 | IP | P | 14 36 18.9 +0.6 | |
| ELL | Elmali | 12.21 103 | IP | P | 14 36 18.9 +0.6 | |
| BAIF | Baives | 12.23 325 | eP | P | 14 36 18.9 +0.7 | |
| MDUB | Mudrun | 12.30 85 | P | P | 14 36 20.9 +1.6 | |
| SJPF | St Jean | 12.43 287 | eP | Pn | 14 36 19.5 -0.1 | |
| SNF | Benefe | 12.53 325 | eP | Pn | 14 36 22.6 +1.0 | |
| MFF | Saint Martin d | 12.59 304 | eP | Pn | 14 36 20.9 -0.7 | |
| UCC | Uccle | 12.72 328 | P | P | 14 36 24.4 +0.7 | |
| UCC | Uccle | 12.72 328 | P | P | 14 36 24.4 +0.7 | |
| LDF | La Druitiere | 13.50 312 | eP | P | 14 36 29.3 -3.0 | |
| LDF | La Druitiere | 13.50 312 | ePn | Pn | 14 36 29.3 -3.0 | |
| FLN | La Foliniere | 13.79 312 | ePn | Pn | 14 36 32.4 -3.1 | |
| FLN | La Foliniere | 13.79 312 | ePn | Pn | 14 36 43.0 +7.1 | |
| comp=Z,1.2nm,0.3s,baz=225,slow=1.1,SNR=44 | | | | | | |
| GRR | Gorron | 13.82 310 | eP | Pn | 14 36 33.7 -2.2 | |
| GRR | Gorron | 13.82 310 | ePn | Pn | 14 36 42.8 +6.5 | |
| AKASG | Malin Array Be | 14.21 39 | P | P | 14 36 39.9 -0.3 | |
| comp=Z,2.9nm,0.3s,baz=230,slow=1.0,SNR=103 | | | | | | |
| AKASG | Malin Array Be | 14.21 39 | P | P | 14 39 11.8 -4.5 | |
| comp=Z,0.9nm,0.3s,baz=225,slow=2.0,SNR=6.6 | | | | | | |
| AKASG | Malin Array Be | 14.21 39 | P | P | 14 36 38.8 -1.3 | |
| AKAB | Malin Array Si | 14.21 39 | P | P | 14 36 39.3 -0.8 | |
| AKAB | Malin Array Si | 14.21 39 | P | P | 14 36 39.3 -0.8 | |
| BR131 | Keskin Array S | 14.25 87 | iP | P | 14 36 42.9 +1.2 | |
| BR131 | Keskin Array S | 14.25 87 | iP | P | 14 36 42.0 +0.4 | |
| BRTR | Keskin Array B | 14.25 87 | iP | P | 14 36 43.0 +1.4 | |
| comp=Z,1.2nm,0.3s,baz=270,slow=1.1,SNR=44 | | | | | | |

| | | | | | |
|--------------------------------------------|----------------|-----------|------|------|-----------------|
| BRTR | Keskin Array B | 14.25 87 | P | Pn | 14 36 42.2 +0.5 |
| ESDC | Sonsea Array | 14.58 273 | P | P | 14 36 44.0 -0.5 |
| comp=Z,0.3nm,0.3s,baz=74,slow=11,SNR=18 | | | | | |
| ESDC | Sonsea Array | 14.58 273 | P | P | 14 36 43.8 -0.7 |
| SUW | Suwaki | 14.59 19 | P | P | 14 36 44.6 +0.3 |
| SUW | Suwaki | 14.59 19 | P | P | 14 36 44.6 +0.3 |
| SGMF | Saint Gilles | 14.77 308 | P | P | 14 36 44.4 -1.9 |
| SGMF | Saint Gilles | 14.77 308 | ePn | Pn | 14 36 56.0 +8.5 |
| PAB | San Pablo | 14.90 273 | P | P | 14 36 47.6 -0.4 |
| PAB | San Pablo | 14.90 273 | P | P | 14 36 47.6 -0.4 |
| QUIF | Quistinic | 15.00 306 | P | P | 14 37 08.3 +0.2 |
| QUIF | Quistinic | 15.00 306 | Pn | Pn | 14 36 56.3 +6.0 |
| ROSF | Rostrenen | 15.24 307 | eP | P | 14 36 49.7 -1.8 |
| ROSF | Rostrenen | 15.24 307 | ePn | Pn | 14 37 02.4 +9.4 |
| CSS | Mathiasis | 15.47 105 | P | Pn | 14 36 55.5 -0.6 |
| CSS | Mathiasis | 15.47 105 | IAMB | IAMB | 14 37 01.1 |
| comp=Z,9.1nm,0.8s | | | | | |
| PABE | Paberze | 16.14 18 | eP | P | 14 37 01.9 +0.7 |
| TOKA | Tokat | 16.32 84 | eP | P | 14 37 05.4 -0.4 |
| IIGN | Ignalina | 16.61 23 | eP | Pn | 14 37 07.7 -1.3 |
| IDND | Didziasalis | 16.74 24 | eP | P | 14 37 08.2 +0.5 |
| ISAL | Saikas | 16.77 22 | eP | P | 14 37 08.3 +0.2 |
| ANN | Anapa | 17.01 68 | eP | P | 14 37 07.8 -3.0 |
| ANN | Anapa | 17.01 68 | eS | S | 14 40 09.5 -2.9 |
| comp=Z,8.6nm,0.8s | | | | | |
| MDT | Midic | 17.51 250 | P | P | 14 37 15.5 -1.0 |
| comp=Z,0.8nm,0.3s,baz=289,slow=5.0,SNR=7.9 | | | | | |
| SLIT | Slitere, Latvi | 17.77 13 | eP | P | 14 37 18.5 -0.4 |
| MMAI | Mout Meron Ar | 17.91 108 | P | P | 14 37 22.2 +1.4 |
| comp=Z,2.1nm,0.3s,baz=295,slow=10.0,SNR=11 | | | | | |
| PVAO | Vaqueiros | 17.97 287 | P | P | 14 37 21.1 -0.1 |
| PVAO | Vaqueiros | 17.97 287 | IAMB | IAMB | 14 37 38.5 |
| comp=Z,1.4nm,1.1s | | | | | |
| EKA | Eskdalemuir Ar | 19.13 327 | P | P | 14 37 32.4 -1.0 |
| comp=Z,1.4nm,1.1s | | | | | |
| YSU | Ysulu | 19.47 19 | eP | P | 14 37 36.5 -0.5 |
| YSU | Ysulu | 19.47 19 | ePn | Pn | 14 37 39.2 +2.2 |
| comp=Z,3.6nm,1.3s | | | | | |
| KONO | Kongsberg | 19.48 352 | P | P | 14 37 37.6 +0.5 |
| KONO | Kongsberg | 19.48 352 | P | P | 14 37 37.5 +0.5 |
| KONO | Kongsberg | 19.48 352 | IAMB | IAMB | 14 37 42.6 |
| comp=Z,8.2nm,0.9s | | | | | |
| HFS | Hagfors | 19.68 358 | P | P | 14 37 38.1 -1.1 |
| comp=Z,2.1nm,0.3s,baz=177,slow=12,SNR=43 | | | | | |
| NC602 | NORSAR Array S | 20.38 355 | P | P | 14 37 44.9 -1.6 |
| OBN | Obninsk | 20.44 371 | eP | P | 14 37 48.8 +1.7 |
| OBN | Obninsk | 20.44 371 | ePn | Pn | 14 37 48.8 +1.7 |
| comp=Z,3.9nm,2.2s | | | | | |
| NAO01 | NORSAR Array S | 20.54 354 | P | P | 14 37 46.0 -2.0 |
| NAO01 | NORSAR Array S | 20.54 354 | IAMB | IAMB | 14 37 46.9 |

WRA Warramunga Arr 50.78 188 P P 15 46 38.3 -0.2
ASAR Alice Springs 54.51 188 P P 15 47 06.0 -0.1

IDC 14 15:48:40.8:1.9,36:45N:97:62W,h0km,mb1 3.6/3,
mb1mx3.3/39,mbtmp3.3/3,ML4.0/2,Error ellipse:
s-maj=30.3km s-min=11.5km az=108.0

ANF 14 15:48:41.4:0.4,36:31N:97:50W,h5km,ML4.3/16,Error
ellipse: s-maj=9.9km s-min=3.6km az=176.0
NEIC 14 15:48:41.5:0.7,36:33N:01:97:52W,0.06,h7km,7km,
Error ellipse: s-maj=6.9km s-min=0.5km az=73.0

TUL 14 15:48:41.6:0.7,36:33N:02:97:53W,0.03,h6km,7km,
ML3.8,Error ellipse: s-maj=4.4km s-min=1.0km az=53.0
ISC 14 15:46:42.0:0.9,36:33N:02:97:52W,0.02,h15km,7km,
n107,1422/127,Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CROK, GCO2, OK031, QUOK, BCOK, KAN13, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TUL1, TUL1, X34A, WMOK, WMOK, X37A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSMU, KSMU, HBAR, Z35A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CBKS, CBKS, W39A, W39A, S39A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MIAR, MIAR, AMTX, Z38A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include X40A, X40A, X40A, X40A, X40A, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include W41B, W41B, W41B, W41B, W41B, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KDI, LUWI, APSI, TTSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EDFI, TMTI, SOEI, SWI, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WRA, ZALV, MKAR, FINES, etc.

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

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

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

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

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

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

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

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

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

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

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

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

WEL 14 15:58:15.1,44'S:2:17'3E,h16km,3km,ML2.1/8,ML2.2/8,
ML2.1/18,7,Error ellipse: s-maj=0.0km s-min=0.0km

IDC 14 16:07:02.8:7.3,22:38N:143:48E,h229km,64km,mb3.1/6,
mb1 3.2/6,mb1mx2.9/30,mbtmp3.7/6,Error ellipse:
s-maj=78.1km s-min=18.6km az=82.0,Volcano Islands

BUC 14 16:21:56.5:0.3,45:62N:27:10E,h18km,2km,ml1.2/10,
26C-12D,Error ellipse: s-maj=3.2km s-min=2.2km
az=18.0,Romania

IDC 14 16:35:12.6:0.8,30:23N:103:03E,h0km,mb3.8/10,
mb1 3.8/11,mb1mx3.6/39,mbtmp3.7/11,ML3.2/1,MS3.0/2,
Ms1 3.0/2,ms1mx2.6/43,Error ellipse: s-maj=35.2km

NEIC 14 16:35:14.3:1.6,30:30N:01:103:3E,0.1,h10km,1km,
mb4.5/18,Error ellipse: s-maj=19.3km s-min=15.3km
az=166.0

BUI 14 16:35:15.0:0.0,30:36N:103:05E,h17km,mb3.9/4,
ML3.8/20,Ms3.7/7,Ms7 3.6/5
ISC 14 16:35:14.7:0.5,30:44N:104:03E,0.06,h10km,n46,
1932/48,mb4.2/19,1,C,Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CD2, CD2, CD2, GYA, etc.

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

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

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

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

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PMPB, MWC, VES, O02D, MURC, BFSC, NJ2, EDWZ, ISA, MONP2, CMB, IKP, NFO2, PFD, M02C, O03E, LRMC, L02E, SWSC, MDPB, KWC, YBH, MYKOM, BELC, MPMC, WAKR, TIN, BEKR, HUMO, BC3, PNTR, L04D, M04C, GLA, LHV, GRAC, I03D, GMR3, FURC, IRM, NVAR, J04D, CN2, I04A, 21N4, PVAV, MOD, PDMCI, K05A, J05D, H04A, PINE, I05D, PRN, R11A, WVOR, G05D, F05D, TUC, D03D, I07A, J08A, BELA, IPM, IPM, IPM, X16A, CCUT, U15A, GHO, WUJAZ, B05A, KULM, E07A, PKCU, HAWA, BJI, BJI, N25K, M24K, MAW.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KTH, DUG, RND, B08A, MCK, HLID, GYA, L26K, TPTI, HWA, NED, BCAR, IMAR, TCOL, SCRK, ILAR, ILAR, XAN, TXAR, K27K, MSLI, MSO, S22A, HHC, COLD, PDAR, PDAR, BTO, LAMP, CM36, BMAR, CM34, CM04, CM05, CM02, CM31, CMAR, CM15, CM13, TOLK, CMMT, CM33, CHTO, EPYK, ABTX, SNA, SNA, LZH, LZH, LZH, LZH, VNA3, PLCA, INK, SONM, YKA, KSU1, ULM, ZALV, MKAR, ARCES, GEYT, FINES, FINES, AKASG, AKASG, SORM, VASR, VASR, VASR, BURAR, BURAR, OJC, OJC, TESR, BRTR, BRTR, BRTR, KOLS, KOLS, CFR, CFR, ODBI, KSP, KSP, VRI, PLO, TIRR, BMR, HARR, TLBR, ARCA, OSTC, CLL, CLL, UPC, DPC, MANR.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LANS, KRCL, BRG, NEHR, MORC, MORC, DOPR, FBE, MLR, PVCC, VOIR, DRGR, PRU, VRAC, VYHS, VYHS, VYHS, GUNZ, PSZ, ARR, WERN, NKC, KRUC, HUMR, CSS, MODS, TNS, GZR, KHC, KHC, GEC2, GERES, CONA, HERR, ELI, RJOB, BFO, VTS, SOKA, KBA, UBR, WATA, MOTA, MYKA, SQT, ABTA, FETA, PVRL, MVRO, ESDC, TORD, WEL, RACZ, MOZ, OXZ, AKCZ, WACZ, WACZ, OKCZ, AMCZ, GVZ, LTZ, WACZ, RPZ, INZ, WNZ, KHZ, GCSZ, LAKE, FOZ, ODZ, IDC, FAKI, BNDI, SIJI, SIJI, SWI, NLAZ, FITZ, FITZ, WRA, WRA, WRA, ASAR, STKA, CMAR, SONM, MKAR, ZALV, VANDA, TORD, KRSC, KBTR, ZLN, TUMD, SRKR, KZV, TUMR, MNR, SRDR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPN Mys Shipunski, SDLR Sedlovina, SMAR Somma, etc.

DJA 14 19:09:48.0.0.6.3.3.3.12.9E.1, h20km, 6km, M3.6/7, MLV3.6/7

IDC 14 19:09:49.5.1.4.3.07S.129.30E, h0km, mb3.6/2, mb1 3.9/5, mb1mx3.6/48, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=28.5km s-min=22.1km az=96.0

ISC 14 19:09:49.9.1.1.2.83S.0.07.128.80E.0.06, h33km, n10, c1500/12, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSAI Masohi, NLAJ Namlea, BNDI Bandanaira, etc.

IDC 14 19:23:42.7.4.2.21.42S.177.43W, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/36, mbtmp3.7/3, Error ellipse: s-maj=281.1km s-min=33.0km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, NVAR Mina Array Bea, etc.

IDC 14 19:27:52.4.0.17.19.60N.120.66E, h32km, 4km, mb3.7/15, mb1 4.0/15, mb1mx3.7/52, mbtmp4.0/15, MS3.0/2, Ms1 3.0/2, ms1mx2.6/51, Error ellipse: s-maj=28.1km s-min=11.8km az=63.0

ISC 14 19:27:51.0.0.16.6.9N.0.1.120.6E.0.2, h23km, n18, c6569/22, mb4.0/15, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), KSRS Korea Array, CMAR Chiang Mai Arr, etc.

IDC 14 19:49:08.5.3.0.6.05S.147.59E, h0km, mb3.7/2, mb1 3.8/4, mb1mx3.5/34, mbtmp3.7/4, ML3.7/1, MS3.3/2, Ms1 3.3/2, ms1mx2.6/31, Error ellipse: s-maj=66.2km s-min=32.6km az=93.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, SJUI Sorong, WRA Warrungarra Arr, etc.

IDC 14 19:54:46.4.1.2.2.66S.75.43W, h0km, mb3.5/4, mb1 3.9/5, mb1mx3.6/30, mbtmp3.7/5, ML4.1/1, MS2.9/1, Ms1 2.9/1, ms1mx2.6/19, Error ellipse: s-maj=37.9km s-min=26.9km

az=77.0, ISC 14 19:54:47.9.1.0.2.62S.0.07.75.61W.0.08, h10km, n32, c2520/28, mb3.6/3, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PUAC Puerto Asis, CUSE Culocho Este, CPAS1 Pasto, etc.

DJA 14 20:06:09.2.0.6.4.1N.5.12.4E.1, h10km, M3.8/7, mb3.9/3, MLV3.8/7

MAN 14 20:06:11.9.4.7.0N.124.11E, h16km, mb4.4, ML3.2, MS3.0, ISC 14 20:06:11.9.4.7.0N.124.11E, h16km, mb4.4, ML3.2, MS3.0, s-maj=152/15, Celebes Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, SKMP Bagumbayan, Su, DMMP Don Marcelino, etc.

IDC 14 20:14:54.9.1.0.6.452N.17.92W, h0km, mb3.5/6, mb1 3.8/7, mb1mx3.4/42, mbtmp3.6/7, ML3.9/1, Ms1 4.0/1, ms1mx2.8/39, Error ellipse: s-maj=36.6km s-min=14.8km az=31.0

REY 14 20:14:54.2.4.64.68N.17.48W, h11km, ISC 14 20:14:54.2.4.64.68N.17.48W, h11km, n50, c175/63, mb3.4/6, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDYN Dyngjuhals, IDYN Dyngjuhals, IURH Urdarhals, etc.

baz=358, IGRA baz=358 S Sb 20 15 33.0 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDIM Dimaadals, IHAU Hakkadalur, IHVO Lagu-Hvolur, etc.

IDC 14 20:51:20.7.1.1.23.89S.67.76W, h205km, 17km, mb3.4/2, mb1 3.4/8, mb1mx3.1/50, mbtmp3.8/8, Error ellipse: s-maj=21.1km s-min=18.2km az=131.0

GUC 14 20:51:22.3.0.5.23.85S.67.14W, h243km, 6km, ML4.1, ISC 14 20:51:20.4.0.8.23.94S.0.06.66.86W.0.09, h214km, 12km, n24, c1902/40, 10C-22, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, PB15 IPOC Station P, etc.

comp=N.495nm, 0.3s, PB06 IPOC Station P 2.78 296 P Pn S 20 52 09.5 +1.0

comp=N.464nm, 0.3s, PB09 IPOC Station P 3.06 314 P Pn S 20 52 13.2 +1.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB09 IPOC Station P, PB05 IPOC Station P, etc.

IDC 14 20:56:21.7.3.6.54.07N.156.15W, h0km, mb3.2/2, mb1 3.7/5, mb1mx3.3/59, mbtmp3.5/5, ML3.7/3, MS3.3/1, Ms1 3.3/1, ms1mx2.8/21, Error ellipse: s-maj=71.0km s-min=30.8km az=150.0

| | | | | |
|------|-----------------|-----------|------|-----------------|
| UNV | Unalaska Valle | 5.12 264 | Pn | 20 57 37.0 -0.3 |
| UNV | | | Sb | 20 58 34.1 -1.1 |
| MNAT | Makushin Natee | 5.22 264 | Pn | 20 57 38.4 -0.3 |
| IVM | Iliamna Volcan | 5.92 24 | Pn | 20 57 50.0 +1.5 |
| CNFM | China Poot | 6.02 34 | Pn | 20 57 50.1 +0.4 |
| BRSE | Bradley Lake S | 6.35 35 | Pn | 20 58 03.7 -0.1 |
| SEW | Seward | 7.06 37 | Pn | 20 58 03.7 -0.1 |
| PWL | Port Wells | 7.99 36 | Pn | 20 58 16.4 -0.3 |
| KNK | Knik Glacier | 8.36 33 | Pn | 20 58 21.8 +0.1 |
| FKD | Port Fidalgo | 8.58 41 | Pn | 20 58 24.1 -0.6 |
| EYAK | Cordova Ski Ar | 8.74 43 | Pn | 20 58 27.1 +0.2 |
| KLU | Klutina | 9.27 38 | Pn | 20 58 34.0 -0.2 |
| BMRM | Bremner River | 9.44 43 | Pn | 20 58 36.1 -0.4 |
| WAT2 | Susitna Watana | 9.55 26 | Pn | 20 58 37.7 -0.5 |
| BWN | Browne | 10.39 21 | Pn | 20 58 48.0 -1.5 |
| TABL | Table Mountain | 10.64 51 | Pn | 20 58 55.0 +1.8 |
| IMAR | Indian Mountain | 11.48 9 | Pn | 20 59 04.3 -0.1 |
| ILAR | Eielson Array | 11.48 24 | Pn | 20 59 02.9 -1.5 |
| ILAR | Eielson Array | 11.48 24 | Pn | 20 59 03.2 -1.2 |
| BCAR | Beaver Creek A | 11.77 38 | Pn | 20 59 10.4 +2.1 |
| K2K7 | Chicken | 12.23 64 | Pn | 20 59 16.8 +1.4 |
| BEGE | Bessie Mountain | 13.22 64 | Pn | 20 59 28.9 +0.7 |
| DAWY | Dawson | 13.22 38 | Pn | 20 59 30.4 +2.2 |
| BMAR | Burnt Mountain | 14.23 21 | Pn | 20 59 40.8 -1.1 |
| EPYK | Eagle Plains | 15.53 33 | Pn | 21 00 01.2 +2.0 |
| EPYK | | | Iamb | 21 00 09.2 |
| A21K | Barrow | 16.67 1 | Pn | 21 00 12.4 -1.3 |
| A21K | | | Iamb | 21 00 30.2 |
| INK | inuvik | 17.71 30 | P | 21 00 28.7 +1.5 |
| INK | inuvik | 17.71 30 | P | 21 00 27.9 +0.7 |
| INK | | | Iamb | 21 00 32.3 |
| YKA | Yellowknife Ar | 23.44 53 | P | 21 01 27.9 -1.0 |
| H1N2 | WAKE ISLAND Hy | 43.96 231 | T | 21 51 31.6 |
| H1N3 | WAKE ISLAND Hy | 43.97 231 | T | 21 51 28.2 |
| H1N1 | WAKE ISLAND Hy | 43.92 231 | T | 21 51 34.8 |
| USRK | Ussuriysk Ar | 44.95 287 | LR | 21 22 50.5 |
| H1S1 | WAKE ISLAND Hy | 45.12 231 | T | 21 52 59.1 |
| H1S2 | WAKE ISLAND Hy | 45.13 231 | T | 21 52 59.5 |
| H1S3 | WAKE ISLAND Hy | 45.14 231 | T | 21 52 55.0 |
| SOMM | Songino Array | 55.74 306 | P | 21 56 05.5 +1.2 |

comp-Z:11nm,1.4s
 comp-Z:0.4nm,0.3s,baz=212,slow=9.2,SNR=13
 comp-Z:11nm,1.4s
 comp-Z:0.2nm,0.3s,baz=50,slow=5.6,SNR=4.2

IDC 14:20:57:03.7-3.3,21.57S-177.51W, h0km, mb4.6/4, mb1 4.7/4, mb1mx3.9/43, mbtmp4.6/4, Error ellipse: s-maj=136.2km s-min=46.8km az=149.0, Fiji Islands region

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res |
|-------|----------------|------------|-------|----------|-----------------|
| CTA | Charters Tower | 33.85 266 | Op | ISC | 21 03 50.2 +2.0 |
| SKA | Stevens Creek | 37.75 245 | P | P | 21 04 21.8 +0.3 |
| ASAR | Alice Springs | 44.73 258 | P | P | 21 05 17.9 -1.2 |
| WRA | Warramunga Arr | 44.92 263 | P | P | 21 05 19.1 -1.5 |
| AKASG | Malin Array Be | 144.16 313 | PKP | PKPab | 21 16 38.8 -0.2 |
| BRTR | Keskin Array B | 47.70 311 | PKPbc | PKPbc | 21 16 51.5 +0.3 |

IDC 14:21:04:25.4-2.1, 0.81N-97.92E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.3/4, mbtmp3.6/5, ML3.0/1, MS2.5/1, MS1 2.5/1, ms1mx2.3/36, Error ellipse: s-maj=58.4km s-min=28.7km az=61.0

DJA 14:21:04:28.2-0.6, 1°N 4°9'E, h64km, 14km, M3.2/7, ML3.2/7

ISC 14:21:04:28.2-1.1, 0.44N-107.98°54'E, 0.06, h35km, n15, s145/15, mb3.7/4, Northern Sumatra

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res |
|------|----------------|-----------|-----|------------|-----------------|
| MNSI | Mandailing Nat | 1.10 71 | Op | ISC | 21 04 47.5 +0.3 |
| MNSI | | | S | S | 21 05 01.2 +0.1 |
| SBSI | Sibolga | 1.16 18 | P | P | 21 04 49.6 +1.7 |
| SBSI | | | S | S | 21 05 05.7 +3.2 |
| GSI | Gunungsitoli | 1.29 312 | P | P | 21 04 49.5 -0.2 |
| GSI | | | S | S | 21 05 05.6 +0.8 |
| SISI | Saibi | 1.84 163 | P | P | 21 04 58.8 +1.4 |
| PSI | Prapat | 2.37 18 | P | P | 21 05 03.6 -1.2 |
| PSI | | | S | S | 21 05 19.8 -1.3 |
| PSI | | | LR | 21 06 04.0 | |
| BKNI | Bangkitang | 2.51 93 | P | P | 21 05 05.2 -1.3 |
| TPTI | TPTI | 3.11 334 | P | P | 21 05 14.7 -0.1 |
| TPTI | | | S | S | 21 05 51.2 +0.4 |
| CMAR | Chiang Mai Arr | 17.91 1 | P | P | 21 08 36.6 +1.6 |
| H0S2 | Diego Garcia H | 27.18 252 | T | T | 21 37 37.3 |
| H0S3 | Diego Garcia H | 27.19 252 | T | T | 21 37 40.1 |
| H0S1 | Diego Garcia H | 27.20 252 | T | T | 21 37 38.4 |
| WRA | Warramunga Arr | 40.50 122 | P | P | 21 12 12.3 +8.1 |
| SOMM | Songino Array | 55.74 306 | P | P | 21 13 00.5 -1.0 |
| MKAR | Makanchi Array | 48.30 345 | P | P | 21 13 05.3 -0.8 |
| ZALV | Zalevovo Beam | 54.52 350 | P | P | 21 13 51.1 -1.4 |

IDC 14:21:18:20.5-0.5, 36°41'N-96°80'W, h0km, mb4.1/13, mb1 4.3/23, mb1mx4.1/45, mbtmp4.1/23, ML3.9/10, MS3.5/7, MS1 3.5/7, ms1mx3.1/44, Error ellipse: s-maj=10.1km s-min=8.5km az=159.0

ANF 14:21:18:20.5-0.7, 36°34'N-96°76'W, h3km, 5km, ML5.2/17, Error ellipse: s-maj=3.9km s-min=2.9km az=24.0

NEIC 14:21:18:20.5-0.6, 36°32'N-97°76'W, h3km, Moment Tensor Solution, Moment Tensor: Scale 1015Nm, M=0.58, M=1.12, M=0.54; M=0.21; M=0.07; M=0.73; Fault plane solution: M1.230000°1015° NP1.30675000°, 553.360000°, λ-31.590000°. NP2.05690000°, 865.140000°, λ-138.880000°. Principal axes: T.1.1426, Plg7.0000°, Azm179.0000°; N.0.1587, Plg45.0000°, Azm83.0000°; P.-1.3013, Plg46.0000°, Azm277.0000°.

TUL 14:21:18:20.5-0.9, 36°32'N-01°96'76'W-0.03, h5km, 5km, ML4.1, mb4.1/44(NEIC), Mw4.0/61(NEIC) Error ellipse: s-maj=3.3km s-min=1.8km az=76.0

ISC 14:21:18:20.3-0.8, 36°34'N-02°96'70'W-0.02, h9km, 5km, n420, n150/459, mb4.2/14, MS3.8/3, 3C-1D, Oklahoma

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res |
|-------|----------------|----------|-----|----------|-----------------|
| QUOK | Quay | 0.16 184 | Op | ISC | 21 18 23.9 +0.1 |
| QUOK | | | Sb | Sb | 21 18 26.3 +0.1 |
| OK031 | S. Brethren Rd | 0.40 197 | Pg | Pg | 21 18 28.0 0.0 |
| OK031 | | | P | P | 21 18 33.2 -0.2 |
| OK030 | Cody Creek RV | 0.41 190 | Pg | Pg | 21 18 28.5 +0.1 |
| OK030 | | | Sg | Sg | 21 18 33.9 +0.1 |
| T3SA | Sooner Cattle | 0.60 14 | Pg | Pg | 21 18 32.7 -0.3 |
| T3SA | | | Sb | Sb | 21 18 41.2 -0.3 |
| OK005 | Luther M Schoo | 0.79 211 | Pg | Pg | 21 18 35.0 -1.2 |
| OK005 | | | Sb | Sb | 21 18 45.6 +0.6 |
| OK029 | Liberty Lake | 0.82 229 | Pg | Pg | 21 18 35.4 -1.3 |
| OK029 | | | Sb | Sb | 21 18 45.8 -2.0 |
| TUL1 | Leonard | 0.84 120 | P | P | 21 18 37.4 +0.3 |
| TUL1 | | | S | S | 21 18 48.8 +0.2 |
| TUL1 | leonard | 0.84 120 | Pb | Pb | 21 18 37.5 +0.3 |
| TUL1 | | | Sg | Sg | 21 18 48.9 +0.2 |

| | | | | |
|-------|------------------|----------|----|-----------------|
| OK011 | Prague | 0.85 179 | Pb | 21 18 36.4 -0.8 |
| OK011 | | | Sg | 21 18 40.0 +0.3 |
| OK001 | Jones High Sch | 0.91 212 | Pn | 21 18 39.1 -0.1 |
| OK025 | Westminster Rd | 0.92 215 | Pg | 21 18 37.0 -1.3 |
| OK025 | | | Sg | 21 18 49.3 -0.5 |
| KAN13 | South Haven SW | 0.92 317 | Pg | 21 18 42.7 -0.7 |
| KAN13 | | | Sb | 21 18 49.7 -1.2 |
| OK009 | Oakdale Elemen | 0.96 218 | Pb | 21 18 37.9 -1.1 |
| OK009 | | | Sg | 21 18 50.8 -0.4 |
| BCOK | Bluff Creek, N | 1.00 228 | Pb | 21 18 38.5 -1.3 |
| BCOK | | | Sg | 21 18 51.6 -1.5 |
| CROK | Carrier | 1.05 280 | Pb | 21 18 40.2 -0.8 |
| GC02 | Grant County # | 1.07 289 | Pb | 21 18 40.2 -0.8 |
| GC02 | | | Sg | 21 18 53.8 -1.2 |
| OKCFA | Oklahoma City | 1.10 214 | Pb | 21 18 40.2 -1.3 |
| OKCFA | | | Sg | 21 18 55.1 -2.2 |
| OKCSW | OKLAHOMA CITY | 1.11 213 | Pb | 21 18 40.2 -1.4 |
| KS20 | Mayfield South | 1.11 233 | Pb | 21 18 45.1 -0.8 |
| KS20 | | | Sg | 21 18 56.0 -0.8 |
| KAN01 | Argonia South | 1.18 314 | Pb | 21 18 42.6 -0.5 |
| W35A | Tecumseh | 1.19 187 | Pb | 21 18 42.0 -1.1 |
| KAN14 | Manchester OK | 1.19 302 | Pg | 21 18 42.5 -0.7 |
| FR01 | Franklin | 1.22 208 | Pg | 21 18 42.2 -1.3 |
| KAN05 | Bluff City North | 1.22 310 | Pg | 21 18 43.2 -0.4 |
| KS21 | Milan North St | 1.23 321 | Pn | 21 18 43.5 -0.2 |
| KAN08 | Anthony NE Sta | 1.36 311 | Pb | 21 18 45.5 +0.1 |
| KAN10 | Anthony SW Sta | 1.37 305 | Pn | 21 18 45.8 -0.4 |
| KAN12 | Harper NE Stat | 1.42 315 | Pb | 21 18 46.5 +0.2 |
| US3A | Harper Ranch, | 1.86 272 | Pb | 21 18 42.2 -1.3 |
| US3A | Gravette | 1.87 86 | Pb | 21 18 53.8 +1.3 |
| X34A | Smith Ranch, M | 1.96 209 | Pn | 21 18 53.9 +0.1 |
| X37A | Clayton | 2.05 148 | Pn | 21 18 55.5 +0.6 |
| HHAR | Hobbs | 2.23 91 | Pn | 21 18 58.5 +1.1 |
| WMOK | Wichita Mounta | 2.33 227 | P | 21 18 59.4 +0.5 |
| WMOK | | | S | 21 19 29.3 -2.1 |
| WMOK | | | Sb | 21 19 58.7 -0.2 |
| W39A | Magazine | 2.63 115 | P | 21 19 04.5 +1.7 |
| W39A | Magazine | 2.63 115 | Pn | 21 19 03.9 +1.1 |
| R32A | Long Quarter, | 2.63 323 | P | 21 19 03.3 +0.3 |
| KSU1 | Kansas State U | 2.76 1 | P | 21 19 05.9 +1.1 |
| KSU1 | | | Sb | 21 19 46.6 +2.8 |
| KSU1 | | | S | 21 19 05.5 +0.8 |
| S39A | Bolivar | 3.02 52 | Pn | 21 19 09.5 +1.2 |
| Z38A | Perchaven, San | 3.73 189 | Pn | 21 19 10.2 +0.2 |
| U40A | Yellville | 3.10 88 | Pn | 21 19 11.6 +2.2 |
| U40A | | | S | 21 19 50.5 +3.9 |
| U40A | | | S | 21 19 10.5 +1.1 |
| MIAR | Mount Ida | 3.11 124 | Pn | 21 19 11.5 +2.0 |
| MIAR | | | S | 21 19 49.6 +2.8 |
| MIAR | | | S | 21 19 10.5 +0.9 |
| Z38A | Mount Ida | 3.11 124 | Pn | 21 19 13.8 +0.6 |
| CBK5 | Cedar Bluff | 3.46 317 | Pn | 21 19 15.2 +0.8 |
| CBK5 | | | Sb | 21 20 07.7 +3.8 |
| CBK5 | | | Sb | 21 19 14.5 +0.1 |
| MGMO | Mountain Grove | 3.65 79 | Pn | 21 19 18.1 +1.1 |
| X40A | Basin Creek Fa | 3.65 119 | P | 21 19 19.4 +2.4 |
| X40A | | | Sb | 21 20 16.1 -1.5 |
| X40A | | | Pn | 21 19 18.0 +1.0 |
| FCAR | Ozark Fork Cen | 3.73 95 | Pn | 21 19 19.3 +1.3 |
| WHAR | Whitwell | 3.73 105 | Pn | 21 19 20.2 -1.1 |
| W41B | Gary Mavity, V | 3.80 106 | P | 21 19 21.2 +2.3 |
| W41B | | | Sn | 21 20 06.6 +2.9 |
| W41B | | | Sb | 21 20 20.2 -2.1 |
| W41B | | | Pn | 21 19 20.1 +1.2 |
| WLAR | White Oak Lake | 3.95 311 | Pn | 21 19 22.0 +0.9 |
| R40A | Maddies State | 4.03 130 | Pn | 21 19 23.6 +1.4 |
| P38A | Dawn | 4.13 36 | Pn | 21 19 23.6 +1.1 |
| AMTX | Amarillo | 4.31 252 | Sb | 21 20 31.9 +3.4 |
| AMTX | | | Pn | 21 19 23.4 -2.7 |
| AMTX | | | Pn | 21 19 27.3 +0.3 |
| WHTX | Lake Whitney, | 4.38 188 | Pn | 21 19 26.9 -0.1 |
| Z37A | Washetta, Mont | 4.38 170 | Pn | 21 19 27.4 +0.4 |
| ABTX | Abiene, Hawle | 4.43 214 | Pn | 21 19 27.6 -0.1 |
| N33A | J Bar K, Exete | 4.44 353 | Pn | 21 19 28.4 +0.5 |
| Z41A | Ricard Creek | 4.44 133 | P | 21 19 28.8 +1.1 |
| Z41A | | | S | 21 20 20.1 +0.6 |
| Z41A | | | Pn | 21 19 28.6 +0.8 |
| L1AR | Richard Creek | 4.44 133 | Pn | 21 19 29.7 +1.2 |
| T42A | Van Buren | 4.56 80 | Pn | 21 19 30.6 +1.2 |
| N35A | Tabor | 4.59 10 | Pn | 21 19 30.8 +0.9 |
| CCM | Cathedral Cave | 4.68 67 | Pn | 21 19 33.2 +2.1 |
| CCM | | | Pn | 21 19 32.3 +1.2 |
| CCAR | Cane Creek | 4.70 119 | Pn | 21 19 32.5 +1.1 |
| P40A | Paris | 4.86 48 | Pn | 21 19 34.7 +1.1 |
| NATX | Nacogdoches | 4.87 159 | S | 21 20 30.7 +0.6 |
| NATX | | | Pn | 21 19 33.9 +0.2 |
| PBMO | Poplar Bluff | 5.06 83 | Pn | 21 19 37.7 +1.3 |
| X43A | Marvell | 5.08 109 | Pn | 21 19 39.0 +2.4 |
| X43A | | | Sb | 21 20 59.6 -3.8 |
| X43A | | | Pn | 21 19 37.8 +1.2 |
| BGNE | Belgrade | 5.19 348 | P | 21 19 38.9 +0.7 |
| BGNE | | | S | 21 20 37.2 -1.0 |
| BGNE | | | Pn | 21 19 38.7 +0.5 |
| N38A | Joels South For | 5.21 30 | Pn | 21 19 39.4 +1.0 |
| LPAR | Lepanto | 5.24 96 | Pn | 21 19 39.7 +0.9 |
| FVM | French Village | 5.27 70 | Pn | 21 19 40.3 +1.1 |
| KSCO | Kay Sheddock* | 5.41 301 | Pn | 21 19 41.8 +0.5 |
| KSCO | | | Pn | 21 19 41.1 -0.2 |
| GNAR | Gosnell | 5.42 92 | Pn | 21 19 42.0 +0.8 |
| MSTX | Muleshoe | 5.51 246 | Pn | 21 19 42.1 -0.5 |
| PEBM | Pemiscott Bayo | 5.53 90 | Pn | 21 19 43.9 +1.1 |
| PEBM | | | Sn | 21 20 47.8 +1.3 |
| 435B | Jarrell | 5.59 188 | P | 21 19 43.8 +0.2 |
| 435B | | | Pn | 21 19 43.5 -0.1 |
| SLM | Saint Louis | 5.61 64 | Pn | 21 19 45.0 +0.8 |
| L34A | Svendens Farm, | 5.63 2 | Pn | 21 19 44.9 +0.7 |
| MET | Memphis-Engin | 5.63 100 | Pn | 21 19 46.1 +1.4 |
| 143A | Socs Landing, | 5.67 128 | Pn | 21 19 48.5 +0.7 |
| HALT | Halls | 5.97 92 | | |

14d 21h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 14d 21h region.

2014 DEC

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 2014 DEC region.

694

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 694 region.

15d 2h

Table of astronomical observations for 15 days, 2 hours. Columns include YAK, YAKT, YAK, VAK, VAKT, VAK, etc., with associated coordinates and parameters.

2012 DEC

Main table of astronomical observations for December 2012. Columns include NVAR, YKA, YKA, YKA, YKA, YKA, etc., with associated coordinates and parameters.

698

Table of astronomical observations for 698 days, 2 hours. Columns include Code, Station Name, Az, Az, Phase ID, Time, Res, etc., with associated coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Changchun, Kanab, TX31, TX32, TXAR, etc.

WEL 15 02:25:34.0-1.0, 38°S, 18°06'E, h33km, M3.6/18, ML3.9/18, MLV3.6/18, Error ellipse: s-maj=0.0km, s-min=0.0km, off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WMGZ, MXZ, MXZ, PUK, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WNVZ, FWKZ, FMKZ, etc.

IDC 15 02:30:04.9±2.0, 1.66N, 125.94E, h0km, mb3.7/3, mb1 0.4/3, mb1mx3.5/31, mbtmp3.8/3, Error ellipse: s-maj=177.1km, s-min=24.8km, az=65.0

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

NIED 15 02:56:52.1, 32°26'N, 130°57'E, h8km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm

JMA 15 02:56:52.0, 32.26°N, 130.57°E, h8km, M3.6, 4C-3D, Kyushu

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

GCG 15 03:01:59.0±0.4, 13°78'N, 91°64'W, h3km, 11km, MD3.7, SNET 15 03:02:00.4±1.2, 13°48'N, 91°34'W, h13km, 26km, ML3.5

UCR 15 03:02:00.4±1.2, 13°48'N, 91°34'W, h13km, 26km, ML3.4

ICR 15 03:01:58.8±4.5, 13°55'N, 92°14'W, h12km, 23km, n14, 0°76/25, Near coast of Guatemala

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

ROM 15 03:13:06.0±0.1, 43°18'N, 0°04'10'986E/0°006, h7km, ML2.1/26, Error ellipse: s-maj=0.5km, s-min=0.4km, az=101.0

LDG 15 03:13:06.3±0.1, 43°19'N, 11°06'E, h9km, M12.8/2, Error ellipse: s-maj=3.3km, s-min=3.1km, az=19.0

ISC 15 03:13:06.2±0.8, 43°18'N, 0°02'11.02E±0.02, h11km, 5km, n45, 0°84/65, 1D, Central Italy

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

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

Table with columns: ATCC, comp, E, Az, Op, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

AEIC 15 03:19:38.2, 6.59, 07N, 0.04, 136.23W, 0.06, h4km, 4km, ML3.1, ML2.9(OTT), Error ellipse: s-maj=6.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, Pn, Res, ISC, AML, AML, 03 13 30.1 -0.3

Table with columns: IGD, IGD, 1.36 323 ePg, Pn, 04 06 21.1 -0.7

Table with columns: IGD, IGD, 1.36 323 ePg, Pn, 04 06 21.1 -0.7

Table with columns: IGD, IGD, 1.36 323 ePg, Pn, 04 06 21.1 -0.7

Table with columns: IGD, IGD, 1.36 323 ePg, Pn, 04 06 21.1 -0.7

Table with columns: IGD, IGD, 1.36 323 ePg, Pn, 04 06 21.1 -0.7

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/NR, SNR, SNR=2.0, etc.). Includes stations like ZE1, ILIN, EAYT, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VTS, Vitosha, OBN, Obninsk, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like DGZ, Jazator, Alta, WMQ, etc.

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Table with columns: LRAL, WLAR, Lakeview Retre, White Oak Lake, 152A, ABTX, Z35A, CCAR, Y45A, PAMC, CHIC, RUSC, FLOC, 154A, VILC, X40A, Y49A, X43A, X43A, MIAR, MIAR, OXF, OXF, UALR, X37A, GOGA, GOGA, X48A, Y52A, W41B, X34A, W39A, PLAL, FPAL, MACC, MNXT, MNXT, SDV, SDV, X51A, WMOK, WMOK, Z56A, Z57A, SWET, NHSC, Y55A, W50A, LCAR, TUL1, TUL1, MSTX, V48A, HHAR, X54A, OK031, U40A, WVT, WVT, CPCT, X55A, QUOK, QUOK, AMTX, Y57A, Y57A, CLTN, PARMO, X56A, PBMO, Y58A, V51A, W54A, TKL, HSIG, V52A, V52A, U49A, T35A, KMSC, KMSC, T47A, GC02, 121A, 121A, 319A, W56A, X58A, V54A

2014 DEC

Table with columns: Y60A, S39A, W57A, TZTN, TZTN, S44A, T50A, V55A, V55A, W58A, CCM, CCM, V56A, X60A, U54A, U54A, V57A, V57A, ANMO, ANMO, ANMO, ANMO, U56A, U56A, SLM, SLM, V58A, V58A, W60A, W60A, WCI, WCI, WCI, WCI, ATAH, ATAH, S51A, S51A, OLIL, OLIL, TUC, TUC, TUC, TUC, R49A, R49A, V59A, V59A, U57A, U57A, W61A, W61A, R50A, R50A, K5U1, K5U1, T56A, T56A, BLA, BLA, U58A, U58A, V60A, V60A, T25A, T25A, T25A, T25A, BLO, BLO, S54A, S54A, T57A, T57A, CBKS, CBKS, T58A, T58A, R54A, R54A, X18A, X18A, P48A, P48A, Q51A, Q51A, O44A, O44A, P49A, P49A, T59A, T59A, Q52A, Q52A, W18A, W18A, S57A, S57A, R55A, R55A, S58A, S58A, SFIN, SFIN, R56A, R56A, Q54A, Q54A, X16A, X16A, P52A, P52A, R57A, R57A, S22A, S22A, S59A, S59A, R58A, R58A, MVCO, MVCO, N47A, N47A, CBN, CBN, Q24A, Q24A

15d 4h

Table with columns: Q56A, R59A, WUAZ, WUAZ, S61A, S61A, MCWV, MCWV, L40A, L40A, GLA, GLA, PV01, PV01, P57A, P57A, Q59A, Q59A, PV02, PV02, ISCO, ISCO, PV05, PV05, PV03, PV03, PV18, PV18, PV18, PV18, PDMCI, PDMCI, PV07, PV07, PV17, PV17, PV16, PV16, PV19, PV19, PV20, PV20, PV14, PV14, IKP, IKP, W13A, W13A, BC3, BC3, N54A, N54A, JFWS, JFWS, IRM, IRM, P59A, P59A, O57A, O57A, SSPA, SSPA, N56A, N56A, BELC, BELC, N23A, N23A, TPFO, TPFO, P60A, P60A, N57A, N57A, NNA, NNA, O20A, O20A, GMRC, GMRC, ECSD, ECSD, ECSD, ECSD, HEC, HEC, M57A, M57A, P17A, P17A, N59A, N59A, M58A, M58A, N60A, N60A, BFSC, BFSC, GSC, GSC, L56A, L56A, SHOC, SHOC, N61A, N61A, L57A, L57A, M59A, M59A, MPU, MPU, SPMN, SPMN, K22A, K22A, K22A, K22A, L58A, L58A, K56A, K56A, BINY, BINY, TPNV, TPNV, FURC, FURC, M61A, M61A, MPMC, MPMC, K57A, K57A, SPR3, SPR3, RSSD, RSSD, RSSD, RSSD, DUG, DUG, DUG, DUG, TCUT, TCUT, L60A, L60A, R11A, R11A, ARVC, ARVC, K58A, K58A, J56A, J56A, ISA, ISA, GRAC, GRAC, CWC, CWC

ASAR Alice Springs 17.25 166 P Pn 05 32 19.9+0.2
MKAR Makanchi Array 68.03 327 P P 05 39 10.0 0.0

TAP 15 05:33:25.7,24:85N,122:14E,h122km,ML3.1,C
JMA 15 05:33:26.2,24:82N,122:13E,h116km,3km
ISC 15 05:33:26.3,24:84N,122:12E,16E,0.04,
h117km,12km,n46,c087278,Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time Res, h m s ISC. Lists various stations like TWB1, NTC, TWPB, etc.

mb1 3.5/9,mb1mx3.2/47,mbtmp3.7/9, Error ellipse:
s-maj=21.1km s-min=10.4km az=100.0,
NEIC 15 05:34:58.6,1.6,60:25N,0:04:153:07W,0:08,
h135km,3km, Error ellipse: s-maj=6.1km s-min=5.4km
az=132.0

AEIC 15 05:34:59.1,5,60:25N,0:04:153:06W,0:09,h139km,3km,
ML3.4, Error ellipse: s-maj=7.3km s-min=4.8km az=118.0,
ANF 15 05:35:00.4,0.7,60:35N,152:78W,h137km,7km,ML3.8/11,
Error ellipse: s-maj=7.3km s-min=5.5km az=90.0,
ISC 15 05:34:59.6,0.8,60:30N,0:03:153:02W,0:05,
h139km,5km,n137,c1954165,mb3.6,5,Southern Alaska

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time Res, h m s ISC. Lists various stations like RED, RDSO, RSO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time Res, h m s ISC. Lists various stations like ILAR, L26K, L26K, etc.

NEIC 15 05:53:46.4,1.7,19:7S,0:1x175:32W,0:07,h230km,7km,
mb4.8/43, Error ellipse: s-maj=21.0km s-min=9.8km
az=184.0

Bull 15 05:53:46.0,0.0,19:70Sx175:40W,h230km,mb5.1/11,
mb4.7/12,
IDC 15 05:53:50.2,2.4,19:96Sx175:84W,h230km,23km,
mb4.2/13,mb1.4,4.1/7,mb1mx4.0/36,mbtmp4.9/17, Error
ellipse: s-maj=15.2km s-min=13.8km az=156.0,
ISC 15 05:53:44.9,0.4,20:09S,0:05x175:46W,0:07,h200km,
n129,c2836131,mb4.8/38,Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time Res, h m s ISC. Lists various stations like NIUE, MSVF, RAO, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like Denniston North, Lake Taylor, Oxford, etc.

NEIC 15 05:53:59.0, 2.3, 8.34S, 0.07:75:07W, 0.08, h113km, 8km, mb4.5/104, Error ellipse: s-maj=12.4km s-min=8.7km az=58.0

IDC 15 05:53:59.0, 2.3, 8.40S, 0.75:23W, h125km, 7km, mb3.9/16, mb1.4, 0.23, mb1mx3.9/38, mbtmp4.4/23, Error ellipse: s-maj=11.3km s-min=8.1km az=42.0

VAO 15 05:54:04.0, 0.7, 8.43S, 74:75W, h136km, 5km, mb4.6

ISC 15 05:54:00.6, 0.4, 8.40S, 0.04:75:10W, 0.05, h136km, n221, r1945/231, mb4.5/62, Central Peru

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like AThalupa, Lanzhou, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like Cuicocha Este, Volcan Galeras, etc.

NEIC 15 05:53:59.0, 2.3, 8.34S, 0.07:75:07W, 0.08, h113km, 8km, mb4.5/104, Error ellipse: s-maj=12.4km s-min=8.7km az=58.0

IDC 15 05:53:59.0, 2.3, 8.40S, 0.75:23W, h125km, 7km, mb3.9/16, mb1.4, 0.23, mb1mx3.9/38, mbtmp4.4/23, Error ellipse: s-maj=11.3km s-min=8.1km az=42.0

VAO 15 05:54:04.0, 0.7, 8.43S, 74:75W, h136km, 5km, mb4.6

ISC 15 05:54:00.6, 0.4, 8.40S, 0.04:75:10W, 0.05, h136km, n221, r1945/231, mb4.5/62, Central Peru

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like Sumter, Lakeview Retre, etc.

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like Mount Ida, Gary Mavity, etc.

NEIC 15 05:53:59.0, 2.3, 8.34S, 0.07:75:07W, 0.08, h113km, 8km, mb4.5/104, Error ellipse: s-maj=12.4km s-min=8.7km az=58.0

IDC 15 05:53:59.0, 2.3, 8.40S, 0.75:23W, h125km, 7km, mb3.9/16, mb1.4, 0.23, mb1mx3.9/38, mbtmp4.4/23, Error ellipse: s-maj=11.3km s-min=8.1km az=42.0

VAO 15 05:54:04.0, 0.7, 8.43S, 74:75W, h136km, 5km, mb4.6

ISC 15 05:54:00.6, 0.4, 8.40S, 0.04:75:10W, 0.05, h136km, n221, r1945/231, mb4.5/62, Central Peru

Table with columns: Code, Station Name, Az, El, P, M, S, R, Time, Res, H, m, S, ISC. Includes stations like Holtzer Researc, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Cooper Cave, Grand View Acr, Scranton, etc.

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

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

TIR 15:06:50.18.9.40.63N.20.97E, h3km, 1km, Md3.3
ATH 15:06:50.19.0.40.75N.20.74E, h12km, 2km, ML3.0/8, Error
ellipso: s-maj=4.1km s-min=1.6km az=160.0
THE 15:06:50.20.7.40.68N.20.76E, h0km, 2km, ML3.1/6, Error
ellipso: s-maj=3.0km s-min=0.7km az=306.0
SKO 15:06:50.21.8.40.65N.20.75E, h10km
BEO 15:06:50.22.5.0.40.65N.20.80E, h19km, 4km, ML2.6/6
PDG 15:06:50.22.3.0.2.40.71N.20.80E, h9km, ML3.0/13, Error
ellipso: s-maj=0.8km s-min=0.5km az=90.0
ISC 15:06:50.21.1.0.40.66N.0.02.20.77E.0.02, h6km, 9km,
n97, c1903/133, SC-BD, Greece-Albania border region

IDC 15:07:06:37.6:1.1.64:55N:17:57W, h0km, mb3.6/7,
mb1 3.9/8, mb1mx3.6/53, mbtmp3.6/8, ML4.3/1, Error
ellipso: s-maj=36.0km s-min=12.0km az=8.0
REY 15:07:06:37.1.64:67N:17:50W, h6km
ISC 15:07:06:34.9.1.2.64:67N:0.02:17:50W.0.03, h13km, 11km,
n51, c157/51, mb3.7/7, Iceland

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

Table with columns: IHAM, Hamarinn, 0.04 294, P, Pg, 07 08 51.4, 0.0, KHC, comp=Z,12nm,1.3s, pmax, pmax, 07 13 51.2, -0.4, etc.

Table with columns: KHC, comp=Z,12nm,1.3s, pmax, pmax, 07 13 51.2, -0.4, GERES, GERESS Array B, 22.95 118, P, P, 07 13 54.7, +0.1, etc.

Table with columns: ZALV, Zalesovo Beam, 1.22 287, P, Pg, 07 17 28.4, -1.4, KURBB, Kurchatov Arra, 5.90 243, Pn, Pn, 07 18 36.2, +1.1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ELOB Lobios, MVO Moncovio, ECAB El Cabril, etc.

IDC 15 08:21:29.7.2.4, 4.75S, 153.27E, h68km, 17km, mb4.0/16, mb1.4/0.16, mb1mx3.8/48, mbtmp4.3/16, MS3.3/5, Ms1.3/2.5, ms1mx2.3/39, Error ellipse: s-maj=23.6km s-min=16.3km az=82.0

NEIC 15 08:21:30.4.1.1, 4.7S, 0.1x153.2E, 0.1, h67km, 6km, mb4.3/12, Error ellipse: s-maj=21.6km s-min=11.9km az=211.0

ISC 15 08:21:27.9.0.7, 4.70S, 0.10:153.34E, 0.09, h50km, n41, 0e87/40, mb4.3/23, MS3.3/3, New Ireland region

Main table for the first section, listing station data and event details for various stations like RABL Rabaul, KRVT Keravat, etc.

IDC 15 08:23:15.6.0.6, 13.37N, 125.31E, h0km, mb4.1/16, mb1.4/2.16, mb1mx4.0/52, mbtmp4.1/16, MS3.1/5, Ms1.3/2.5, ms1mx2.8/49, Error ellipse: s-maj=26.2km s-min=12.9km az=71.0

NEIC 15 08:23:17.4.1.6, 1.3N, 14N, 0.1:125.3E, 0.2, h10km, 1km, mb4.4/17, Error ellipse: s-maj=27.7km s-min=18.4km az=85.0

ISC 15 08:23:19.3.0.5, 13.34N, 0.09:125.3E, 0.1, h24km, n50, 0e66/48, mb4.3/25, MS2.9/5, Philippine Islands region

Table for the second section, listing station data and event details for stations like LQP Lukban, JHU Hachijo jima, etc.

Table for the third section, listing station data and event details for stations like WRA Warramunga Arr, WRO Warramunga Arr, etc.

IDC 15 08:25:36.1.2.1, 6.40S, 147.51E, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.3/46, mbtmp3.4/3, ML3.4/1, MS3.4/1, Ms1.3/2.3, ms1mx2.5/23, Error ellipse: s-maj=145.2km s-min=31.4km az=124.0, Eastern New Guinea region

Table for the fourth section, listing station data and event details for stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 15 08:29:43.6.2.6, 54.27N, 86.11E, h0km, mb1.2/9/2, mb1mx2.8/53, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=21.0km s-min=11.8km az=55.0, Southwestern Siberia

Table for the fifth section, listing station data and event details for stations like I46RU ZALESOVO INFRA, ZALV Zalesovo, etc.

GCG 15 08:34:59.7.0.6, 13.88N, 91.93W, h35km, 999km, MD3.9, SNET 15 08:35:00.7.1.1, 13.88N, 91.47W, h14km, 5km, ML.3.4, ISC 15 08:34:57.6.3.4, 13.6N, 0.1:91.6W, 0.1, h10km, 14km, n13, 0e91/19, Near coast of Guatemala

Table for the sixth section, listing station data and event details for stations like RTAL Retalhuleu, FUG Fuego, etc.

IDC 15 08:56:20.5.5.5, 19.68S, 177.95W, h386km, 49km, mb2.9/4, mb1.3/2.6, mb1mx2.9/41, mbtmp3.7/6, Error ellipse: s-maj=130.1km s-min=25.9km az=153.0, Fiji Islands region

Table for the seventh section, listing station data and event details for stations like MSFV Nonsavu, DZM Mont Dzumac, etc.

Table for the eighth section, listing station data and event details for stations like TXAR Lajitas Arr, RAOU Raoul Island, etc.

IDC 15 09:02:40.2.6.1, 56.43S, 150.75W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.7/33, mbtmp3.8/3, Error ellipse: s-maj=57.5km s-min=51.2km az=165.0, Pacific-Antarctic Ridge

Table for the ninth section, listing station data and event details for stations like STKA Stephens Creek, H03S2 Juan Fernandez, etc.

NEIC 15 09:20:43.9.1.6, 7.53S, 0.08:105.75E, 0.05, h10km, 1km, mb4.3/9, Error ellipse: s-maj=13.0km s-min=7.8km az=193.0

IDC 15 09:20:43.3.1.1, 7.58S, 105.67E, h0km, mb3.9/7, mb1.4/1.8, mb1mx3.7/55, mbtmp3.9/8, ML4.4/1, MS3.1/3, Ms1.3/2.3, ms1mx3.0/30, Error ellipse: s-maj=44.8km s-min=17.9km az=37.0

DJA 15 09:20:48.4.0.7, 8.21S, 104.6E, h21km, 5km, M4.4/14, SNET 15 09:20:44.1.1.5, 7.55S, 0.05:105.77E, 0.04, h7km, 10km, n51, 1e66/52, mb4.2/12, MS3.0/3, Jawa

Main table for the tenth section, listing station data and event details for stations like CGJJI Cibinong, CGJJI Sukabumi, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like Solovky, PABE, PRA, PRU, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like PVRL, OJC, KBA, MVO, etc.

Table with columns: Station, Frequency, Power, Modulation, and other parameters. Includes stations like H07N1, PAB, PAB, PGRA, etc.

15d 9h

| | | | | | | | |
|------|--------------------------------------------|-------|-----|------|------|------------|------|
| SZH | Strazhnica | 32.29 | 110 | P | P | 09 33 21.6 | -1.0 |
| CORL | Corleone | 32.32 | 131 | P | P | 09 33 23.9 | +0.8 |
| TIP | Timpagrande | 32.33 | 125 | P | P | 09 33 22.9 | -0.2 |
| KKB | Krupnik | 32.34 | 115 | P | P | 09 33 21.6 | -1.5 |
| D63A | Stockholm | 32.36 | 262 | P | P | 09 33 19.9 | -3.3 |
| E64A | Bridgewater | 32.73 | 261 | P | P | 09 33 24.1 | -2.3 |
| VRH | Novokhoporsky | 32.77 | 85 | eP | P | 09 33 24.6 | -2.1 |
| VRH | comp-Z,50nm,1.0s | | | | pmax | | |
| MMB | Musomiste | 32.83 | 115 | iP | P | 09 33 26.8 | -0.6 |
| CHGO | Chibougama | 32.85 | 271 | P | P | 09 33 26.3 | -1.2 |
| PSN | Presidentsi | 32.86 | 107 | iP | P | 09 33 32.0 | +4.4 |
| E63A | Oxbow | 32.98 | 262 | P | P | 09 33 27.2 | -1.4 |
| KEST | Kesra | 33.10 | 138 | P | P | 09 33 29.0 | -0.9 |
| KEST | comp-Z,5.7nm,0.6s,baz=246,slow=9.6,SNR=8.4 | | | | LR | | |
| KEST | comp-Z,3um,18.6s,baz=314,slow=3.7 | | | | LR | | |
| KEST | Kesra | 33.10 | 138 | P | P | 09 33 30.7 | +0.8 |
| D61A | St Aubert, Com | 33.12 | 264 | P | P | 09 33 28.2 | -1.6 |
| F64A | Sherman | 33.39 | 261 | P | P | 09 33 30.3 | -1.9 |
| G65A | Princeton | 33.59 | 259 | P | P | 09 33 32.3 | -1.6 |
| LIT | Litokhoron | 33.63 | 117 | P | P | 09 33 34.7 | +0.3 |
| LIT | comp-Z,74nm,1.8s | | | | pmax | | |
| LIT | Litokhoron | 33.63 | 117 | P | P | 09 33 34.6 | +0.3 |
| LIT | comp-Z,74nm,1.8s | | | | IAMB | | |
| D60A | Saint Jean D'O | 33.66 | 264 | P | P | 09 33 33.8 | -0.7 |
| H66A | Whiting | 33.81 | 258 | P | P | 09 33 35.2 | -0.7 |
| E61A | Lac Etchemin | 33.85 | 263 | P | P | 09 33 35.4 | -0.9 |
| D59A | Saint-Raymond | 33.98 | 265 | P | P | 09 33 36.3 | -1.0 |
| G64A | Maxfield | 34.05 | 260 | P | P | 09 33 36.9 | -1.1 |
| LATQ | La Tuque | 34.09 | 267 | P | P | 09 33 37.3 | -1.0 |
| PKME | Peaks-Kenny Pk | 34.27 | 261 | P | P | 09 33 38.4 | -1.4 |
| E60A | Ste Agathe de | 34.31 | 264 | P | P | 09 33 39.6 | -0.7 |
| ALN | Alexandroupoli | 34.33 | 113 | P | P | 09 33 39.7 | -0.7 |
| ALN | comp-Z,84nm,1.5s | | | | pmax | | |
| ALN | Alexandroupoli | 34.33 | 113 | P | P | 09 33 39.7 | -0.7 |
| ALN | comp-Z,84nm,1.5s | | | | IAMB | | |
| D58A | Chemindu LacG | 34.36 | 266 | P | P | 09 33 39.9 | -0.7 |
| MATO | Matagami | 34.37 | 274 | P | P | 09 33 40.2 | -0.5 |
| BELG | Belgomyoye | 34.42 | 79 | P | P | 09 33 40.4 | -0.7 |
| F61A | St Evariste | 34.43 | 263 | P | P | 09 33 40.3 | -0.9 |
| AGG | Agios Georgios | 34.51 | 119 | IAMB | IAMB | 09 33 44.1 | |
| AGG | comp-Z,89nm,1.2s | | | | | | |
| G63A | Kingsbury | 34.53 | 261 | P | P | 09 33 40.7 | -1.4 |
| LSQQ | Lebel-sur-Quev | 34.62 | 272 | P | P | 09 33 41.5 | -1.3 |
| F58A | Fort Churchill | 34.73 | 297 | P | P | 09 33 45.4 | +1.7 |
| FCC | Fort Churchill | 34.73 | 297 | P | P | 09 33 45.4 | +1.7 |
| FCC | comp-Z,67nm,1.7s | | | | IAMB | | |
| H64A | Troy | 34.74 | 260 | P | P | 09 33 42.8 | -1.1 |
| G62A | West of Eustis | 34.83 | 262 | P | P | 09 33 43.6 | -1.2 |
| F60A | Warwick | 34.84 | 264 | P | P | 09 33 43.5 | -1.4 |
| D58A | La Victoria | 35.09 | 266 | P | P | 09 33 46.2 | -0.8 |
| E65A | ZEC Mazanza, M | 35.20 | 268 | P | P | 09 33 46.6 | -1.3 |
| G61A | St-Isidore-de- | 35.21 | 263 | P | P | 09 33 48.4 | +0.5 |
| F59A | Saint Guillaume | 35.29 | 265 | P | P | 09 33 48.0 | -0.7 |
| MOQ | Mont Orford | 35.49 | 264 | P | P | 09 33 51.5 | +0.9 |
| D55A | Sainte-Anne-du | 35.53 | 269 | P | P | 09 33 49.8 | -1.0 |
| VLDQ | Val d'Or | 35.54 | 272 | P | P | 09 33 50.3 | -0.5 |
| VLDQ | comp-Z,79nm,1.5s | | | | IAMB | | |
| G60A | Masonville | 35.70 | 264 | P | P | 09 33 51.7 | -0.5 |
| E56A | St. Veronique | 35.72 | 268 | P | P | 09 33 50.8 | -1.5 |
| TRQ | Mont Tremblant | 35.76 | 267 | P | P | 09 33 52.3 | -0.5 |
| I63A | Otisfield | 35.79 | 261 | P | P | 09 33 51.8 | -1.1 |
| ANN | Anapa | 35.84 | 97 | eP | P | 09 33 52.9 | -0.5 |
| ANN | comp-Z,57nm,1.4s | | | | pmax | | |
| ANN | comp-Z,57nm,1.4s | | | | MLR | | |
| ANN | comp-Z,2um,14.0s | | | | MLR | | |
| ITM | Ithomi | 35.97 | 121 | IAMB | IAMB | 09 34 01.6 | |
| H61A | Lindenville | 35.98 | 263 | P | P | 09 33 53.1 | -1.5 |
| ARU | Arti | 36.03 | 66 | P | P | 09 33 54.4 | -0.4 |
| ARU | comp-Z,2.0nm,0.2s,baz=342,slow=6.4,SNR=8.5 | | | | P | | |
| ARU | Arti | 36.03 | 66 | eP | P | 09 33 53.9 | -1.0 |
| ARU | comp-Z,51nm,1.9s | | | | pmax | | |
| ARU | Arti | 36.03 | 66 | P | P | 09 33 54.2 | -0.7 |
| G59A | Clarenceville | 36.08 | 265 | P | P | 09 33 53.6 | -1.8 |
| F57A | Harrington | 36.14 | 267 | P | P | 09 33 56.3 | +0.3 |
| LBNH | Lisbon | 36.21 | 263 | P | P | 09 33 56.0 | -0.6 |
| I62A | Tamworth | 36.25 | 262 | P | P | 09 33 56.7 | -0.2 |
| H60A | Morristown | 36.28 | 264 | P | P | 09 33 57.2 | -0.1 |
| G58A | Ormsdown | 36.40 | 266 | P | P | 09 33 58.1 | 0.0 |
| NR1K | Noril'sk | 36.43 | 35 | P | P | 09 33 58.8 | +0.6 |
| NR1K | comp-Z,22nm,1.2s,baz=320,slow=7.1,SNR=13 | | | | LR | | |
| NR1K | comp-Z,3um,18.2s,baz=335,slow=4.0 | | | | LR | | |
| NR1K | Noril'sk | 36.43 | 35 | P | P | 09 33 58.0 | -0.2 |
| NR1K | comp-Z,3um,18.2s,baz=335,slow=4.0 | | | | IAMB | | |
| FRNY | Flat Rock | 36.45 | 265 | IAMB | IAMB | 09 34 02.3 | |
| SVE | Sverdlovsk | 36.56 | 65 | eP | P | 09 34 02.7 | +3.3 |
| SVE | comp-Z,30nm,1.6s | | | | pmax | | |
| SVE | comp-Z,30nm,1.6s | | | | MLR | | |
| I61A | Oroboro, Fairl | 36.58 | 263 | P | P | 09 33 59.8 | +0.1 |
| MD5B | Cadyville | 36.64 | 265 | P | P | 09 34 00.2 | -0.1 |
| H59A | Mudrunu | 36.77 | 107 | P | P | 09 34 00.8 | -0.8 |
| G57A | Newington | 36.83 | 266 | P | P | 09 34 01.5 | -0.4 |
| C36M | Paulatuk | 36.87 | 326 | P | P | 09 34 02.0 | +0.1 |
| C36M | Paulatuk | 36.87 | 326 | P | P | 09 34 02.5 | +0.7 |
| C36M | comp-Z,22nm,1.2s,baz=320,slow=7.1,SNR=13 | | | | IAMB | | |
| H58A | Gabriels | 37.03 | 265 | P | P | 09 34 03.4 | -0.2 |
| LONY | Lake Ozonia | 37.04 | 265 | P | P | 09 34 03.4 | -0.3 |
| I60A | Shoreham | 37.11 | 263 | P | P | 09 34 03.6 | -0.7 |
| ILGA | Ilgaz | 37.33 | 104 | P | P | 09 34 06.2 | -0.2 |
| MANT | Manisa | 37.39 | 112 | P | P | 09 34 06.6 | -0.4 |
| I59A | Olmsteadville | 37.40 | 264 | P | P | 09 34 06.7 | -0.1 |

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| | | | | | | | |
|------|-------------------------------------------|-------|-----|------|------|------------|------|
| NCB | Newcomb | 37.41 | 264 | P | P | 09 34 08.3 | +1.5 |
| HRV | Adam Dzewonski | 37.46 | 260 | P | P | 09 34 06.9 | -0.4 |
| ALGO | Algoquin Park | 37.48 | 270 | P | P | 09 34 08.2 | +0.8 |
| H57A | Richville | 37.52 | 266 | P | P | 09 34 08.0 | +0.3 |
| K62A | Royalston | 37.62 | 261 | P | P | 09 34 07.5 | -1.1 |
| SOC | Sochi | 37.82 | 96 | eP | P | 09 34 09.4 | -0.7 |
| SOC | comp-Z,1um,15.0s | | | | e | | |
| SOC | comp-Z,1um,15.0s | | | | eS | | |
| SOC | comp-Z,1um,15.0s | | | | eSS | | |
| SOC | comp-Z,1um,15.0s | | | | pmax | | |
| SOC | comp-Z,18nm,0.6s | | | | MLR | | |
| G54A | Lake Saint Pet | 37.93 | 270 | P | P | 09 34 10.5 | -0.7 |
| J59A | Piesco | 37.94 | 264 | P | P | 09 34 10.6 | -0.7 |
| I58A | Old Forge | 37.96 | 265 | P | P | 09 34 10.6 | -0.9 |
| SANT | Santorini | 38.02 | 117 | P | P | 09 34 10.7 | -1.4 |
| SANT | comp-Z,95nm,1.5s | | | | IAMB | | |
| GOF | Gofitskye | 38.05 | 91f | eP | P | 09 34 12.2 | 0.0 |
| GOF | comp-Z,203nm,1.4s | | | | pmax | | |
| I57A | Carthage | 38.05 | 266 | P | P | 09 34 11.8 | -0.4 |
| J58A | Remsen | 38.36 | 265 | P | P | 09 34 14.8 | 0.0 |
| J58A | Remsen | 38.36 | 265 | P | P | 09 34 16.2 | +1.4 |
| BR13 | Keskin Array B | 38.41 | 105 | iP | P | 09 34 14.5 | -1.0 |
| BRTR | Keskin Array B | 38.41 | 105 | P | P | 09 34 15.2 | -0.3 |
| BRTR | comp-Z,7.8nm,0.9s,baz=324,slow=6.1,SNR=24 | | | | LR | | |
| L61A | Hillsdale 1, H | 38.57 | 262 | P | P | 09 34 16.9 | +0.3 |
| M63A | Gales Ferry | 38.58 | 260 | P | P | 09 34 16.8 | +0.2 |
| J57A | Williamstown | 38.62 | 266 | P | P | 09 34 15.8 | -1.2 |
| K59A | Cooperstown | 38.65 | 264 | P | P | 09 34 16.2 | -1.1 |
| IDI | Anoyia | 38.76 | 119 | iP | P | 09 34 16.4 | -1.9 |
| KIV | Kislovodsk | 38.77 | 93 | P | P | 09 34 18.9 | +0.5 |
| KIV | Kislovodsk | 38.77 | 93 | P | P | 09 34 17.7 | -0.7 |
| KIV | comp-Z,62nm,1.0s | | | | eS | | |
| KIV | comp-Z,310nm,3.8s | | | | pmax | | |
| KIV | comp-Z,310nm,3.8s | | | | MLR | | |
| KIV | Kislovodsk | 38.77 | 93 | P | P | 09 34 17.8 | -0.7 |
| KIV | Kislovodsk | 38.77 | 93 | P | P | 09 34 17.7 | -0.7 |
| KVAR | Kislovodsk Arr | 38.78 | 93 | P | P | 09 34 19.9 | +1.5 |
| H53A | Bobcaygeon | 38.80 | 269 | P | P | 09 34 18.1 | -0.4 |
| SADO | Sadowa | 38.88 | 270 | LR | LR | 09 48 46.7 | |
| SADO | Sadowa | 38.88 | 270 | P | P | 09 34 20.7 | +1.5 |
| K58A | Earville | 39.00 | 265 | IAMB | IAMB | 09 34 23.5 | |
| KBZ | Khabaz | 39.05 | 93 | P | P | 09 34 21.5 | +1.0 |
| KBZ | comp-Z,13nm,1.0s,baz=321,slow=9.6,SNR=17 | | | | LR | | |
| TOKA | Tokat | 39.10 | 102 | P | P | 09 34 21.3 | +0.2 |
| L59A | Walton | 39.20 | 264 | P | P | 09 34 21.3 | -0.7 |
| YKA | Yellowknife Ar | 39.27 | 313 | P | P | 09 34 21.4 | -0.8 |
| YKA | comp-Z,4.7nm,0.9s,baz=40,slow=8.1,SNR=30 | | | | PcP | | |
| YKA | comp-Z,4.8nm,1.1s,baz=37,slow=3.9,SNR=11 | | | | LR | | |
| M61A | Granite Spring | 39.28 | 262 | P | P | 09 34 22.7 | -0.7 |
| K57A | Scipio Center | 39.40 | 266 | P | P | 09 34 22.4 | -1.1 |
| ELL | Elmali | 39.43 | 112 | P | P | 09 34 24.8 | +0.8 |
| ELL | comp-Z,245nm,1.2s | | | | pmax | | |
| ELL | CHVG Ch'kvaleri | 39.43 | 94 | iP | P | 09 34 24.8 | +0.8 |
| CHVG | Ch'kvaleri | 39.52 | 94 | iP | P | 09 34 26.5 | +2.0 |
| BINY | Binghamton | 39.60 | 265 | P | P | 09 34 24.0 | -1.2 |
| L58A | Harry Jones Me | 39.67 | 264 | P | P | 09 34 25.6 | -0.2 |
| M60A | Port Jervis | 39.73 | 262 | P | P | 09 34 25.6 | -0.7 |
| K56A | Middlesex | 39.77 | 266 | P | P | 09 34 27.0 | +0.3 |
| E46A | Sault Ste Mari | 39.84 | 276 | P | P | 09 34 27.3 | +0.1 |
| E46A | comp-Z,105nm,1.4s | | | | IAMB | | |
| MEDO | Medina | 39.88 | 268 | P | P | 09 34 27.1 | -0.4 |
| INK | Inuvik | 39.89 | 329 | P | P | 09 34 25.5 | -1.8 |
| INK | comp-Z,9.3nm,1.0s,baz=33,slow=9.8,SNR=17 | | | | PcP | | |
| INK | comp-Z,7.8nm,1.1s,baz=72,slow=5.0,SNR=5.4 | | | | LR | | |
| INK | comp-Z,1um,21.6s,baz=39,slow=35 | | | | LR | | |
| INK | Inuvik | 39.89 | 329 | P | P | 09 34 26.9 | -0.3 |
| M59A | Waymart | 39.90 | 263 | P | P | 09 34 27.4 | -0.3 |
| L57A | Andrews Acres | 40.13 | 265 | P | P | 09 34 29.5 | -0.2 |
| AKTO | Aktubinsk | 40.23 | 73 | P | P | 09 34 29.0 | -1.3 |
| AKTO | Aktubinsk | 40.23 | 73 | P | P | 09 34 30.8 | 0.0 |
| ZEI | Tsey | 40.24 | 93 | eP | P | 09 34 30.8 | 0.0 |
| N60A | Cedar Hill Far | 40.31 | 262 | P | P | 09 34 31.0 | -0.2 |
| L56A | Greenwood | 40.33 | 266 | P | P | 09 34 31.5 | +0.2 |
| L56A | Greenwood | 40.33 | 266 | IAMB | IAMB | 09 34 34.9 | |
| M58A | Price's Panora | 40.48 | 264 | P | P | 09 34 31.8 | -0.8 |
| WVNY | West Valley, N | 40.56 | 267 | P | P | 09 34 34.6 | +1.4 |
| WVNY | comp-Z,81nm,1.2s | | | | IAMB | | |
| FFC | Flin Flon | 40.66 | 298 | P | P | 09 34 34.4 | +0.5 |
| FFC | comp-Z,106nm,1.7s | | | | | | |

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like W41B Gary Mavity, 352A Long Quarter, 352A Blakey, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BOOM Boomskeye usch, DWPF Disney Wildern, E07A Sunnyside, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like WMQ comp=Z,350nm,5.5s, WMQ comp=Z,2um,19.1s, WMQ comp=Z,2um,18.3s, etc.

15d 10h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like CEDA San Andres, LALI Alcaldia de L, TACO Tacachico, BOQS Boqueron, SNET Serv Nac Est T, OPAM Oficina de Pla, MTO3 Montecristo, HUEH Huehuetenango, MRL Marmol.

DDA 15 09:42:13.7,6:36N-27:03E,h4km,3km,ML3.3
ATH 15 09:42:14.5,36:69N-27:01E,h17km,2km,ML3.4/9,Error
ellipse: s-maj=3.1km s-min=1.4km az=59.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KOSK Kos Island, NISR Nisiros, BODT Bodrum, YKAV Yalikavak-Boдр, BDRM Kayabasi, DATC Datca-Mugla, AMGA Amorgos Island, ARG Arkhangelos, ANAF Anafani Island, YER Yerkesik, KARP Karpathos, MUGLA Mugla, APE Apeiranthos, SNTS Nea Kammeni, S.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like FETY Fethiye, BLCB Balçova, DENIZLI_Tavas, ZKR Zakros, NPS Neapolis, CHOS Chios Island, CAEL Denizli, LAST Lasithi, GOLH Golhisar, AKOK Kas, IDI Anoyia, KAZI Kazerun, SHI Shiraz, LMI Lamerid, JHRM Johram, KLNJ Kalamnah, SHME Sham, ZEF Zefreh, BANOH Banah, MSFE Esma-Masafi, MDH Madha, UOSS Minazif, HATD Hatta, ASHO Ashiyah.

TEH 15 09:45:36.4,28:20N-51:45E,h10km,ML3.5
DSN 15 09:45:42.1,0.8,28:15N-51:87E,h10km,ML3.8/5,Error
ellipse: s-maj=19.4km s-min=5.7km az=18.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like KAZI Kazerun, SHI Shiraz, LMI Lamerid, JHRM Johram, KLNJ Kalamnah, SHME Sham, ZEF Zefreh, BANOH Banah, MSFE Esma-Masafi, MDH Madha, UOSS Minazif, HATD Hatta, ASHO Ashiyah.

ANF 15 10:09:32.5-0.2,33:41N-118:10W,h17km,1km,ML3.0/30,
ML3.0/30,Error ellipse: s-maj=1.5km s-min=1.1km az=7.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like CIS Catalina Islan, SANC Santa Ana, FMP Fort Macarthur, BREC Barre Substati, DLAC Del Amo, RPV Rancho Palos V, ELS Elsinore Mount, SC12 San Clemente I, SC12 San Clemente I, CHNC Chino, CACC Caltech Cellar, GRCS Griffith Obs, MLJC Mira Loma, DJJ Donna J Jenkin, PASC Pasadena Art C, MURC Murrieta, SC12 San Clemente I, CHNC Chino, CACC Caltech Cellar, GRCS Griffith Obs, MLJC Mira Loma, DJJ Donna J Jenkin, PASC Pasadena Art C, MURC Murrieta, DECC Green Verdugo, BFSC Mount Baldy Ra, XTL Crystal Lake, CHFC Chiao Flat St, PEC Perris, BLCB Black Canyon, HMTO Hemet, HLNC Highland, OAT Oat Mountain, CFT Craffton Hills, JNH Juniper Hills, PJB Polly Butte, 109C Camp Elliot, 109C Camp Elliot, CPE Camp Elliot, PLM Palomar, PLM Palomar, BEAUMONT Base, HWT Hans Werner Br, HVB Seven Oaks Dam, DVP Dos Picos Cty, CJP Casa Juan, BZNA Buzz No.'s Pla.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like LEOC Leona Valley, SDRC San Diego Road, ADO Adelanto Recei, DNR Dunn Ranch,Anz, SNCC Santa Cruz Isl, SNCC Santa Cruz Isl, BBRC Big Bear Solar, BBRC Big Bear Solar, OSI Osito Audit: C, OSI Osito Audit: C, OSI Osito Audit: C, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, SCZ2 Santa Cruz Isl, SCZ2 Santa Cruz Isl, BARZ Barrett, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, MONP2 Monument Peak, MONP2 Monument Peak, TKX Tule Lake, CBKC Canabrake, CBX Cerro Bola, SBC Santa Barbara, SBC Santa Barbara, RRX Edison Barstow, RRX Edison Barstow, ARVC Arvin, ARVC Arvin, BELC Belle Mtn. Jos, BELC Belle Mtn. Jos, IKP In-Ko-Pah, Jac, IKP In-Ko-Pah, Jac, IKP In-Ko-Pah, Jac, CCX Cicese, HEC Hector,Ludlow, HEC Hector,Ludlow, HEC Hector,Ludlow, LRMOC Laurel Mtn Rd, LRMOC Laurel Mtn Rd, LRMO Laurel Mtn Rd, NJC Nojoqui County, NJC Nojoqui County, GSC Goldstone, Bar, GSC Goldstone, Bar, BC3 Big Chuckawall, BC3 Big Chuckawall, ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, DSCC Desert Studies, DSCC Desert Studies, GMRC Granite Mounta, GMRC Granite Mounta, MPMC Manual Prospec, MPMC Manual Prospec, WLM Little Horse, WLM Little Horse, GLA Glamis, GLA Glamis, SHOC Shoshone, Tec, SHOC Shoshone, Tec, SPX San Pedro Mart, SPX San Pedro Mart, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, W13A Husalah Mount, W13A Husalah Mount, SHPR Sheep Range, SHPR Sheep Range, OMMB Old Mammoth Mi, OMMB Old Mammoth Mi, MDPB Devils Postpil, MDPB Devils Postpil, PRN Pahroc Range, PRN Pahroc Range, LCMT Little Creek M, LCMT Little Creek M, PSUT Pine Spring, PSUT Pine Spring.

KRNET 15 10:10:36.8,0.1,41:11N-75:23E,h18km,mb4.3
SOME 15 10:10:37.0,41:10N-75:23E,h15km
NMC 15 10:10:38.1,0.4,1:12N-75:26E,h0km,mb4.6,mpv4.2,
Error ellipse: s-maj=6.7km s-min=4.3km az=4.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, UCH Uchter, UCH Uchter, UCH Uchter, ULHL Ulahol, ULHL Ulahol, AML Almayashu, AML Almayashu, AML Almayashu, BOOM Boomskeye usch, BOOM Boomskeye usch, BOOM Boomskeye usch, SFK Sufi-Kurgan, SFK Sufi-Kurgan, KBK Karagayulak, KBK Karagayulak.

Table with columns: ASAR, Alice Springs, 44.45 130 P, P, 12 45 29.2 +0.4, comp=Z:6.7nm,0.6s,baz=304,slow=7.9,SNR=13

Table with columns: TORO, Torodi Ar. Bea, 95.15 283 P, P, 12 50 39.8 +0.3, comp=Z:1.1nm,0.7s,baz=84,slow=4.6,SNR=4.9

Table with columns: TORO, Torodi Ar. Bea, 95.15 283 P, P, 12 50 39.8 +0.3, comp=Z:1.1nm,0.7s,baz=84,slow=4.6,SNR=4.9

Table with columns: IPEC 15 13:53:11.5:0.2,50:18N:19:12E,h0km,ML2.6/3, Error ellipse: s-maj=2.4km s-min=1.1km az=167.0

NEIC 15 14:58:05.5, 1.0, 0.2S, 0.1, 130.6E, 0.1, h35km, 2km, mb4.1/15, Error ellipse: s-maj=31.7km s-min=8.0km az=42.0

ISC 15 14:58:05.2, 0.7, 0.16S, 0.07, 130.73E, 0.08, h35km, n40, z=210/43, mb4.1/11, Irian Jaya region

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

TAP 15 15:01:09.8, 24.64N, 122.19E, h14km, ML2.7, C

JMA 15 15:01:09.6, 24.61N, 122.23E, h36km, M2.0

ISC 15 15:01:09.1, 0.1, 0.24S, 0.02, 122.25E, 0.02, h12km, 8km, n59, z0554/104, 2D, Taiwan region

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

Main table listing seismic events with columns: Station Name, Az, Phase ID, Time Res, ISC. Includes events from Xindian Distri, Taiwan, and other regions.

TAP 15 15:03:25.9, 24.63N, 122.31E, h12km, ML2.8, D

JMA 15 15:03:27.6, 24.60N, 122.24E, h29km, 4km, M2.1

ISC 15 15:03:26.7, 0.9, 24.62N, 0.02, 122.29E, 0.02, h16km, 8km, n62, z0599/99, 1D, Taiwan region

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

Table with columns: Station Name, Az, Phase ID, Time Res, ISC. Lists various seismic stations and their recorded data for the event.

ISC 15 15:22:07.2, 1.4, 3.23N, 128.14E, h0km, mb3.5/5, mb1.3/6, mb1mx3.4/54, mbtmp3.5/6, ML3.4/1, Error ellipse: s-maj=76.4km s-min=19.2km az=67.0, North of Halmahera

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

Table with columns: RLNB, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like Erlin, WSF, WDJ, etc.

IDC 15:57:02.4+1.6, 27.28N x 102.42E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.1/38, mbtmp3.2/3, MS3.8/1, Ms1 3.8/1, ms1mx2.7/26, Error ellipse: s-maj=449.5km s-min=30.1km az=56.0, Sichuan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like MKAR, PETK, WRA, ASAR.

WEL 15:16:05:28.6, 38°S, 32°E, 18'0"E, 2.3, h34km, M2.9/13, ML3.2/13, MLV2.9/13, Error ellipse: s-maj=0.1km s-min=0.0km az=34.3, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like WMGZ, PKGZ, CNGZ, etc.

MAN 15:16:11:38.8, 5.40N x 126.43E, h15km, mb4.8, ML3.7, MS3.7 IDC 15:16:11:39.4+1.2, 5.37N, 125.25E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.1/46, mbtmp3.6/4, Error ellipse: s-maj=63.3km s-min=19.9km az=80.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like DMPP, MATI, DAV, etc.

JMA 15:16:32:02.2, 36.14N, 136.76E, h3km, M3.4 Broadband fault plane solution: P waves. NP1: 365.00000, 344.00000, 153.00000, NP2: 335.00000, 372.00000, 150.00000. Principal axes: T P1g17.00000, Azm276.00000, N P1g38.00000, Azm140.00000, P P1g47.00000, Azm287.00000.

JMA Felt J1, IDC 15:16:32:03.1+1.5, 36.20N, 136.77E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.1/37, mbtmp3.6/4, ML3.2/2, MS3.5/7, Ms1 3.5/7, ms1mx3.1/33, Error ellipse: s-maj=22.4km s-min=13.1km az=175.0

ISC 15:16:32:03.5+0.9, 36.15N, 136.79E, 0.03, h10km, n17, 175/1015, MS3.4/5, 2C-1D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like JKG, JGN, JYTA, etc.

WEL 15:16:51:09.2, 43°S, 2°E, 17'2"E, h10km, M2.9/9, ML2.3/9, MLV2.9, Error ellipse: s-maj=0.0km s-min=0.0km az=123.9, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like OXF, RACZ, MQC, etc.

JMA 15:16:55:39.9+0.1, 40.56N x 139.25E, h18km, M3.8, 8C-1D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like JIW, JOW, JOG, etc.

JMA 15:17:24:15.7, 35.09N, 138.26E, h29km, M3.1, 5C-2D Broadband fault plane solution: P waves. NP1: 37.00000, 843.00000, 146.00000, NP2: 164.00000, 861.00000, 123.00000. Principal axes: T P1g10.00000, Azm277.00000, N P1g28.00000, Azm182.00000, P P1g60.00000, Azm24.00000, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like SHZ, JFN, JNY, etc.

ISK 15:17:26:39.3, 37.29N, 142.67E, h5km, ML2.7/13 ISN 15:17:26:39.4+0.3, 37.21N, 142.82E, h0km, ML2.5 DDA 15:17:26:40.4, 37.32N, 142.61E, h7km, 4km, ML2.7

ISC 15:17:26:39.9+1.1, 37.25N, 142.59E, 0.02, h13km, 9km, n30, 126/41, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like SIRT, SIRT, SIRT, etc.

GURO GUromak-BITSL 1.37 341 PN Pb 17 27 05.7 +0.2 GURO 17 27 25.3 +1.2 YOVA 17 27 25.2 0.0 YOVA 17 27 27.3 +2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like SVAN, SVAN, SVAN, etc.

IDC 15:17:29:54.6+0.6, 16.57S x 177.49E, h0km, mb4.3/16, mb1 4.5/17, mb1mx4.4/36, mbtmp4.4/17, ML4.0/1, MS4.2/21, Ms1 4.2/21, ms1mx4.0/39, Error ellipse: s-maj=16.8km s-min=15.4km az=158.0

BUI 15:17:29:54.0+0.0, 16.50S x 177.70E, h5km, mb5.4/16, mb4.8/19, MS4.8/7, MS7.4/8 NEIC 15:17:29:56.8+2.2, 16.61S, 177.55E, 0.1, h18km, 1km, mb4.8/49, Error ellipse: s-maj=15.7km s-min=10.2km az=46.0

GMCT 15:17:29:58.0+0.2, 16.23S, 177.56E, 0.01, h15km, 1km, MW5.0/106, Moment Tensor Solution. s42, c53; s106, c76; Duration: 0 Moment Tensor Solution: 1016Nm; Mn: -0.15; Mpp: -0.51; 10; Mpp: 1.26; 10; Mo: 1.71; 35; Mpp: 4.07; 09; Mpp: 1.46; 33; Best double couple: Mo: 4.76200 x 1016 NP1: 260.00000, 870.00000, 120.00000, NP2: 357.00000, 871.00000,

1-159.00000. Principal axes: T 4.5410, P1g1.00000, Azm129.00000, N 0.4460, P1g6.00000, Azm37.00000, P -4.9830, P1g28.00000, Azm179.00000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like NONS, SANU, DZM, etc.

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like RAR, TUWZ, KHZ, etc.

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like RAR, TUWZ, KHZ, etc.

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like RAR, TUWZ, KHZ, etc.

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like RAR, TUWZ, KHZ, etc.

ISC 15:17:29:57.9+0.4, 16.53S, 177.61E, 0.07, h24km, n123, 194/617, 11m, 4.8/42, MS4.3/27, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, Position (Pb), and other parameters. Includes stations like RAR, TUWZ, KHZ, etc.

ellipse: s-maj=10.3km s-min=5.7km az=109.7
NEIC 15:18:19:13.3:1.8,27:08N:07:103.5E:0.1,h30km,gkm,
mb4.4/15,Error ellipse: s-maj=13.7km s-min=9.3km
az=106.0

ISC 15:18:19:11.0:0.4,27:11N:07:04:47E:0.04,h10km,n131,
e183/129,mb4.2/39,4C-3D, Yunan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Kunming, Chengdu, Son La, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Jazator, Alita, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ASCENSION HYDRO, DIMBOKRO, etc.

Table with columns: TXAR, Lajitas Array, 61.08 325, P, P, 19 22 23.6 +0.9, etc. Includes various station names like SNAE, S39A, R40A, etc.

Table with columns: MKAR, Makanchi Array, 145.77 36, PKPbc, 19 31 45.8 -0.4, etc. Includes various station names like KLR, Kuldur, etc.

Table with columns: FITZ, Fitzroy Crossi, 19.95 182, Op, P, 19 47 11.8 0.0, etc. Includes various station names like WRA, ASAR, STKA, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like K27K, JKA, ASAJ, TABL, PCA, HYT, EPYK, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BCYI, MCMT, BOZ, RYN, PMPB, NVAR, NVAR, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ZAAO, ZAAO, ZALV, ZALV, PV01, PV01, WUAZ, WUPATKI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Osenovka, Karagaybulak, Ala-Archa, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Kabul, Malin Array Be, AKKB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Charters Tower, Stephens Creek, etc.

16D OH
IDC 16 00:17:58.0:1.1, 21'40S; 66'54W, h216km, 10km, mb3.1/3,
mb3.4/6, mb1mx3.1/30, mbtmp3/6, Error ellipse:
s-maj=21.8km s-min=11.9km az=125.0
NEIC 16 00:17:59.3:1.5, 21'40S; 0'07:66.9W:0.1, h244km, 17km,
mb4.2/4, Error ellipse: s-maj=16.1km s-min=8.3km
az=118.0
GUC 16 00:17:59.6:0.6, 21'30S; 67'33W, h240km, 8km, ML4.2
SCB 16 00:18:01.5:1.6, 21'37S; 66'76W, h219km, 14km, ML4.1/5,
Error ellipse: s-maj=6.4km s-min=4.1km az=1.0
ISC 16 00:17:59.1:0.7, 21'34S; 0'05:66.74W:0.05, h230km, 8km,
n81, r1933/113, mb3.6:5, 9C-1D, Southern Bolivia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include COR Corvallis, COR 75nm,4.3s, HUMO Hull Mountain, E03A Lebam, E03A comp=N,54nm,4.8s, H04A Detroit Lake, H04A comp=N,29nm,4.8s, NLWA Neiton Lookou, F04A Amboy, YBH Yreka, KMRM Mail Ridge, LON Longmire, G08A Pilot Rock, NEW Newport, NEW comp=N,0.1nm,0.3s,ba=237,slow=11,SNR=3.9, HLID Hailey, ELK Elko, ELK comp=N,0.1nm,0.3s,ba=297,slow=16,SNR=4.5, PDAR Pinedale Array, Q16A Castle Valley, ANMO Albuquerque, YKA Yellowknife Ar, ILAR Eielson Array, TXAR Lajitas Array, H11N3 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy.

IDC 16 02:37:45.2.6.6, 19:45Sx178:00W, h546km, 77km, mb3.1/6, mb1 3.4/7, mb1mx3.1/26, mbtmp4.0/7, Error ellipse: s-maj=93.0km s-min=21.6km az=154.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, TXAR Alice Springs, TXAR Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array, AKASG Malin Array Be, GERES GERES Array B.

NEIC 16 02:51:01.2.1.6, 17:00Sx0:04:71:05W, h109km, 6km, mb4.5/35, ML4.4/39E, Error ellipse: s-maj=11.5km s-min=5.2km az=98.0

IDC 16 02:51:03.5.0.5, 16:182Sx70:72W, h110km, km, mb3.9/11, mb1 4.1/16, mb1mx3.9/37, mbtmp4.3/16, MS3.0/3, Ms1 3.0/3, ms1mx2.8/26, Error ellipse: s-maj=15.6km s-min=12.3km az=54.0

ISC 16 02:51:01.6.0.4, 16:39Sx0:04:71:07W, h110km, 4km, n117, r1558/150, mb4.5/24, 5C-2D, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AP01 Chacalluta, AP01 comp=E,20um,0.2s, AP01 Chacalluta, PB16 IPOC Station P, PB16 comp=E,1um,0.6s, PB16 IPOC Station P, MNMC Minye Minye, MNMC comp=E,4um,0.2s, MNMC Minye Minye, PSGC Pisagua, PSGC comp=N,1um,0.5s, PSGCX Pisagua, LPAZ La Paz, LPAZ comp=N,336nm,20.8s,ba=358,slow=42, LPAZ La Paz, LPAZ La Paz, PB11 IPOC Station P, PB11 comp=N,1um,0.3s, PB11 IPOC Station P, G001 Chusmiza, G001 comp=E,8.3s,ba=212,slow=3, SNR=5.0, G001 Chusmiza, TA02 Huaquique, HMBC Humberstone, HMBC comp=E,921nm,0.3s, PB08 IPOC Station P, PB08 IPOC Station P, TA01 Diego Aracena, TA01 Diego Aracena.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TA01 Punta Patache, PATCX Punta Patache, PATCX Punta Patache, IPOC Station P, IPOC Station P, IPOC Station P, IPOC Station P, IPOC Station P, IPOC Station P, LVC Limon Verde, LVC comp=E,1.1nm,0.3s,ba=332,slow=11,SNR=4.1, LVC Limon Verde, LVC comp=E,1.8nm,0.3s,ba=77,slow=21,SNR=13, LVC Limon Verde, PB10 IPOC Station P, PB10 Nana, NNA comp=E,2.0nm,0.3s,ba=129,slow=14,SNR=2.4, NNA comp=E,1.1nm,0.3s,ba=152,slow=15,SNR=1.6, NNA comp=E,83nm,19.8s,ba=78,slow=39, NNA Nana, PB14 IPOC Station P, G002 Guanaco, SIV San Ignacio, SIV comp=E,14nm,0.3s,ba=277,slow=12,SNR=176, SIV comp=E,89nm,22.0s,ba=280,slow=38, AC02 Maricunga, G003 Copiap, AC05 El Transito, LCO Las Campanas, LCO El Pedregal, G003 Zonda, VA03 San Esteban, VA03 comp=Z,17nm,0.8s, RCP1 Villa Florida, RCP1 comp=Z,0.1nm,0.3s,ba=310,slow=12,SNR=3.6, OCUI El Roble, PEL Peidehue, comp=Z,20nm,1.1s, MT02 Curacav, BO02 Sierra Bellavi, BO02 comp=Z,14nm,0.7s, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, PTGA Pitinga, B103 Tigo, B103 comp=Z,32nm,0.8s, LC01 Cunco, TOLC Tolima, BDFB Brasilia, BDFB comp=Z,9nm,0.7s,ba=226,slow=12,SNR=15, BDFB Brasilia, RUSC La Rusia, TAMC Tame, Arauca, HELC Santa Helena, PTBC PUERTO BERRIO, PLCA Paso Flores, PLCA comp=Z,12nm,0.7s,ba=357,slow=11,SNR=32, PLCA comp=Z,5.8nm,0.9s,ba=357,slow=12,SNR=4.9, PLCA Paso Flores, PAMC Pamplona, CO ZARCO Zaragoza, Caut MTP Monte Pirata, MTP comp=Z,6.9nm,0.8s, 152A Waverly Hill, 152A comp=Z,9.9nm,1.1s, KMSC Kings Mountain, KMSC comp=Z,5.0nm,0.8s, BG03 Lake Jocassee, BG3 comp=Z,3.2nm,0.9s, V55A Taylorsville, TKL Tuckaleechee C, TKL comp=Z,7.8nm,1.1s, V52A Sevierville, TXAR Lajitas Array, TXAR comp=Z,0.6nm,0.7s,ba=148,slow=8.9,SNR=6.2, TXAR comp=Z,0.3nm,0.8s,ba=158,slow=2,SNR=3.6, ABTX Abilene, Hawbe, 64.31 331 P, comp=Z,4.1nm,0.8s, Q54A Cocks Mills, P53A Whipple, S44A Carbondale, FVM French Village, N48A Columbus Grove, SDCO Great Sand Dun, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, SNA4 Sanae, SNA4 Sanae, LIC Lamto, PDAR Pinedale Array, TIC Toumoudi, KIC Kosan Boka, KIB Columbus Grove, DMBK Dimbokro, DMBK comp=Z,8.4nm,0.7s,ba=232,slow=7.8,SNR=17, DMBK Dimbokro, ULM Lac du Bonnet, ULM comp=Z,3.1nm,0.6s,ba=152,slow=6.1,SNR=9.6, ULM comp=Z,1.9nm,0.6s,ba=143,slow=4.5,SNR=3.3, ULM Lac du Bonnet, NVAR Mina Array Bea, NVAR comp=Z,0.6nm,0.7s,ba=158,slow=5.2,SNR=4.3, NVAR comp=Z,0.4nm,0.6s,ba=108,slow=5.8,SNR=3.0, NVAR Mina Array Bea, YNE Yellowstone No, QSPA South Pole Qui, QSPA comp=Z,6.9nm,1.1s, KOWA Kowa, KOWA comp=Z,6.8nm,0.8s, T05A Summer Lake, T05A Torodi Arr, T0A0 comp=Z,9.7nm,0.8s, TORO Torodi Arr, TORO comp=Z,1.1nm,0.9s,ba=280,slow=5.4,SNR=26, TORO comp=Z,3.5nm,0.6s,ba=261,slow=5.5,SNR=4.4, TORO Torodi Arr, VVND Vanda, VVND comp=Z,1.7nm,0.8s,ba=114,slow=5.1,SNR=7.5, VVND Vanda, ESDC Sonseca Array, ESDC comp=Z,3.6nm,0.8s,ba=254,slow=5.5,SNR=18, ESDC comp=Z,1.1nm,0.8s,ba=262,slow=5.3,SNR=3.1, ESDC Sonseca Array, PAM Tamnrasset.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, LPAZ La Paz, LPAZ comp=Z,98nm,21.7s,ba=176,slow=31, NNA Nana, BDFB Brasilia, NVAR Mina Array Bea, PDAR Pinedale Array, BOSA Boshof, BOSA comp=Z,77nm,18.1s,ba=205,slow=32, IDC 16 03:01:08.9.1.2, 49:65Sx125:78E, h0km, mb4.1/6, mb1 4.2/6, mb1mx4.0/31, mbtmp4.1/5, MS3.6/8, Ms1 3.6/8, ms1mx3.5/17, Error ellipse: s-maj=78.7km s-min=17.5km, NEIC 16 03:01:10.5.0.9, 49:65Sx0:1:126:0E, h4.15km, 6km, mb4.5/8, Error ellipse: s-maj=34.0km s-min=19.5km, IDC 16 03:01:09.4.0.8, 49:65Sx0:1x125:8E, h2.0, h10km, n28, r156/18, mb4.2/10, MS3.5/7, Western Indian-Antarctic Ridge, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, NWAO Narrogin (SRO), STKA Stephens Creek, ASAR Alice Springs, ASAR comp=Z,1.08nm,20.9s,ba=190,slow=34, ASAR Alice Springs, WRA Warramunga Arr, WRA comp=Z,1.30nm,21.8s,ba=200,slow=34, WRA Warramunga Arr, WRA Warramunga Arr, WB2 comp=Z,1.7nm,1.6s, WRO Warramunga Arr, WB0 Warramunga Arr, VVND Vanda, VVND comp=Z,1.6nm,0.7s,ba=316,slow=7.9,SNR=8.6, VVND comp=Z,1.90nm,19.5s,ba=348,slow=34, VVND Vanda, BSWZ Blackbirch Sta, MAW MAW, COEN Coen, COEN comp=Z,7.5nm,1.3s, QSPA South Pole Qui, SNA4 Sanae, SNA4 comp=Z,3.0nm,0.7s,ba=157,slow=11,SNR=16, SNA4 Sanae, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, CMAR Chiang Mai Arr, PLCA Paso Flores, KBL Kabul, TXAR Lajitas Array, YKA Yellowknife Arr, IDC 16 03:03:38.7.1.4, 29:95Nx102:87E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.4/57, mbtmp3.7/5, ML2.9/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/36, Error ellipse: s-maj=59.0km s-min=23.7km az=61.0, BUJ 16 03:03:40.1.0.3, 30:31Nx103:06E, h15km, ML3.6/14, IDC 16 03:03:44.7.1.0, 30:68Nx0:06:103:17E, h10km, n10, r156/13, mb3.8/4, 1C, Sichuan, CD2 Chengdu, CD2 comp=N,2um,0.7s.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YKA Yellowknife Arr, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, WRA comp=Z,0.4nm,0.6s,ba=144,slow=11,SNR=2, ZALV Zalesova Break, ZALV comp=Z,1.1nm,0.6s,ba=222,slow=2.0,SNR=5.0, ZALV comp=Z,1.1nm,0.5s,ba=317,slow=2.1,SNR=3.4, USRK Ussuriysk Arr, MJAR Matsushiro Arr, MJAR comp=Z,5.0nm,0.7s,ba=107,slow=1.4,SNR=7.6, MJAR Matsushiro Arr, SONM Songino Array, SONM comp=Z,1.3nm,0.7s,ba=307,slow=2.2,SNR=7.3, IDC 16 02:54:11.3.5.0, 40:53Sx88:91W, h0km, mb3.9/5, mb1 4.3/5, mb1mx3.9/26, mbtmp3.9/5, MS3.7/5, Ms1 3.6/5, s-min=15.3km az=74.0, West Chile Rise

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, LPAZ La Paz, LPAZ comp=Z,98nm,21.7s,ba=176,slow=31, NNA Nana, BDFB Brasilia, NVAR Mina Array Bea, PDAR Pinedale Array, BOSA Boshof, BOSA comp=Z,77nm,18.1s,ba=205,slow=32, IDC 16 03:01:08.9.1.2, 49:65Sx125:78E, h0km, mb4.1/6, mb1 4.2/6, mb1mx4.0/31, mbtmp4.1/5, MS3.6/8, Ms1 3.6/8, ms1mx3.5/17, Error ellipse: s-maj=78.7km s-min=17.5km, NEIC 16 03:01:10.5.0.9, 49:65Sx0:1:126:0E, h4.15km, 6km, mb4.5/8, Error ellipse: s-maj=34.0km s-min=19.5km, IDC 16 03:01:09.4.0.8, 49:65Sx0:1x125:8E, h2.0, h10km, n28, r156/18, mb4.2/10, MS3.5/7, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, NWAO Narrogin (SRO), STKA Stephens Creek, ASAR Alice Springs, ASAR comp=Z,1.08nm,20.9s,ba=190,slow=34, ASAR Alice Springs, WRA Warramunga Arr, WRA comp=Z,1.30nm,21.8s,ba=200,slow=34, WRA Warramunga Arr, WB2 comp=Z,1.7nm,1.6s, WRO Warramunga Arr, WB0 Warramunga Arr, VVND Vanda, VVND comp=Z,1.6nm,0.7s,ba=316,slow=7.9,SNR=8.6, VVND comp=Z,1.90nm,19.5s,ba=348,slow=34, VVND Vanda, BSWZ Blackbirch Sta, MAW MAW, COEN Coen, COEN comp=Z,7.5nm,1.3s, QSPA South Pole Qui, SNA4 Sanae, SNA4 comp=Z,3.0nm,0.7s,ba=157,slow=11,SNR=16, SNA4 Sanae, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, CMAR Chiang Mai Arr, PLCA Paso Flores, KBL Kabul, TXAR Lajitas Array, YKA Yellowknife Arr, IDC 16 03:03:38.7.1.4, 29:95Nx102:87E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.4/57, mbtmp3.7/5, ML2.9/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/36, Error ellipse: s-maj=59.0km s-min=23.7km az=61.0, BUJ 16 03:03:40.1.0.3, 30:31Nx103:06E, h15km, ML3.6/14, IDC 16 03:03:44.7.1.0, 30:68Nx0:06:103:17E, h10km, n10, r156/13, mb3.8/4, 1C, Sichuan, CD2 Chengdu, CD2 comp=N,2um,0.7s.

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|------|--------------------------------------------|------------|-------|-----------------|-----------------|--|--|--|--|
| GO03 | | eS | Sn | 03 50 30.3 -0.6 | | | | | |
| AROD | Rodeo | 2.54 222 | eP | Sn | 03 50 01.6 +1.2 | | | | |
| AROD | | | eS | Pn | 03 50 34.1 +2.0 | | | | |
| FSA | Cafayete | 2.56 32 | eP | Sn | 03 50 02.3 +1.7 | | | | |
| FSA | | | eS | Pn | 03 50 34.8 +2.7 | | | | |
| ACCO | Cerro Coronel | 2.67 210 | eP | Sn | 03 50 02.9 +0.8 | | | | |
| ACCO | | | eS | Pn | 03 50 36.3 +1.4 | | | | |
| ACCO | | | IAML | | 03 50 37.3 | | | | |
| CO01 | comp=Z,723nm,0.3s | | | | | | | | |
| CO01 | Junta de Toros | 2.82 233 | Pn | Pn | 03 50 05.1 +1.2 | | | | |
| CO01 | | | eS | Sn | 03 50 41.1 +2.9 | | | | |
| CO01 | | | eS | Sn | 03 50 05.4 +0.5 | | | | |
| LCO | Las Campanas | 2.90 255 | Sn | Pn | 03 50 39.9 -0.2 | | | | |
| LCO | | | eS | Pn | 03 50 08.4 +0.4 | | | | |
| RTLL | Cerro Villicuén | 3.15 195 | eP | Sn | 03 50 45.2 -0.3 | | | | |
| RTLL | | | eS | Pn | 03 50 47.2 | | | | |
| AC04 | comp=Z,478nm,0.4s | | | | | | | | |
| AC04 | Llanos de Chal | 3.15 271 | Pn | Pn | 03 50 07.7 -0.3 | | | | |
| AC04 | | | eS | Pn | 03 50 43.0 -2.5 | | | | |
| ZON | Zonda | 3.40 197 | Pn | Sn | 03 50 11.4 +0.1 | | | | |
| ZON | | | eS | Pn | 03 50 52.1 +0.6 | | | | |
| ZON | | | eS | Pn | 03 50 11.6 +0.3 | | | | |
| ZON | | | IAML | | 03 50 53.6 | | | | |
| GO04 | comp=Z,181nm,0.5s | | | | | | | | |
| GO04 | Tololo Observa | 3.44 236 | Pn | Pn | 03 50 11.6 -0.4 | | | | |
| GO04 | | | eS | Pn | 03 50 12.2 +0.2 | | | | |
| GO04 | | | eS | Pn | 03 50 52.8 +0.2 | | | | |
| AC01 | Pan de Azucar | 3.48 307 | Pn | Pn | 03 50 12.1 -0.2 | | | | |
| AC01 | | | eS | Pn | 03 50 50.2 -3.2 | | | | |
| GO02 | Mina Guanaco | 3.63 329 | Pn | Sn | 03 50 15.4 +0.8 | | | | |
| GO02 | | | eS | Pn | 03 50 57.6 +0.4 | | | | |
| CO03 | El Pedregal | 3.76 227 | Sn | Pn | 03 50 16.1 0.0 | | | | |
| CO03 | | | eS | Pn | 03 51 00.4 +0.3 | | | | |
| RTLS | Leoncito | 3.83 204 | eP | Sn | 03 51 07.4 +0.2 | | | | |
| RTLS | | | eS | Pn | 03 51 02.0 +0.1 | | | | |
| RTLS | | | IAML | | 03 51 03.7 | | | | |
| TCA | comp=Z,150nm,0.5s | | | | | | | | |
| TCA | Tanti | 3.95 141 | eP | Pn | 03 50 18.3 -0.3 | | | | |
| CO02 | Combarbal | 4.21 225 | Sn | Pn | 03 51 02.6 -1.9 | | | | |
| CO02 | | | eS | Pn | 03 50 21.2 -0.7 | | | | |
| AUSP | Uspallata | 4.25 202 | eP | Sn | 03 51 02.6 -1.0 | | | | |
| MRA | San Martín | 4.40 160 | eP | Sn | 03 50 22.8 +0.1 | | | | |
| MRA | | | eS | Pn | 03 51 12.9 +1.1 | | | | |
| MRA | | | IAML | | 03 51 20.3 -0.2 | | | | |
| ASAL | Salagasta | 4.44 195 | eP | Pn | 03 50 25.2 +0.1 | | | | |
| ASAL | | | eS | Pn | 03 51 15.6 -0.5 | | | | |
| ASAL | | | IAML | | 03 51 17.0 | | | | |
| BP14 | IPOC Station P | 4.48 324 | Pn | Pn | 03 50 25.8 0.0 | | | | |
| BP14 | | | eS | Pn | 03 51 15.3 -2.1 | | | | |
| AZAP | Zapla | 4.60 29 | eP | Pn | 03 50 28.4 +1.0 | | | | |
| ARCO | CERRO ARCO | 4.70 195 | eP | Sn | 03 50 28.6 0.0 | | | | |
| ARCO | | | eS | Pn | 03 51 21.6 -0.9 | | | | |
| ARCO | | | IAML | | 03 51 24.2 | | | | |
| AAGR | Agrelo | 4.92 193 | eP | Sn | 03 50 31.3 -0.1 | | | | |
| AAGR | | | eS | Pn | 03 51 26.1 -1.4 | | | | |
| AAGR | | | IAML | | 03 51 49.7 | | | | |
| ASTB | comp=Z,90nm,0.8s | | | | | | | | |
| ASTB | Santa Barbara | 5.12 33 | eP | Pn | 03 50 35.2 +1.0 | | | | |
| VA03 | San Esteban | 5.18 210 | Pn | Pn | 03 50 34.1 -0.9 | | | | |
| BP15 | IPOC Station P | 5.36 340 | Pn | Pn | 03 50 37.1 -0.4 | | | | |
| HJA | Huahuaca | 5.40 29 | eP | Pn | 03 50 40.6 +2.4 | | | | |
| PEL | Peñahue | 5.56 209 | eP | Pn | 03 50 40.0 0.0 | | | | |
| PEL | | | eS | Pn | 03 51 41.1 -1.4 | | | | |
| ROC1 | El Roble | 5.57 212 | eP | Pn | 03 50 38.2 -2.1 | | | | |
| ROC1 | | | eS | Pn | 03 50 38.6 -1.7 | | | | |
| ROC1 | | | eS | Pn | 03 51 40.6 -2.7 | | | | |
| LVC | Limon Verde | 5.79 347 | eP | Pn | 03 50 43.8 +0.3 | | | | |
| LVC | | | eS | Pn | 03 51 47.2 -1.9 | | | | |
| LVC | comp=Z,4.2nm,0.3s,baz=28,slow=23,SNR=11 | | | | | | | | |
| LVC | Limon Verde | 5.79 347 | Pn | Pn | 03 50 43.3 -0.2 | | | | |
| LVC | | | eS | Pn | 03 51 48.5 +0.6 | | | | |
| MT05 | Renca | 5.80 208 | Pn | Pn | 03 50 51.9 -1.3 | | | | |
| MT02 | Curacav | 5.86 211 | Pn | Pn | 03 50 41.8 -2.2 | | | | |
| BP06 | IPOC Station P | 5.86 341 | Pn | Pn | 03 50 43.4 -0.9 | | | | |
| RFA | San Rafael | 6.52 187 | eP | Sn | 03 50 51.3 -1.6 | | | | |
| RFA | | | eS | Pn | 03 52 02.6 -3.3 | | | | |
| RFA | | | IAML | | 03 52 41.0 | | | | |
| BP09 | comp=Z,47nm,0.3s | | | | | | | | |
| BP09 | IPOC Station P | 6.65 346 | Pn | Pn | 03 50 54.6 -0.3 | | | | |
| BP07 | IPOC Station P | 6.88 341 | Pn | Pn | 03 50 56.5 -1.5 | | | | |
| BO02 | Sierra Bellaví | 7.06 203 | Pn | Pn | 03 50 58.3 -1.9 | | | | |
| BP01 | IPOC Station P | 7.43 346 | Pn | Pn | 03 51 04.0 -1.3 | | | | |
| PSGC | Pisagua | 8.98 344 | Pn | Pn | 03 51 23.5 -3.1 | | | | |
| CPUP | Villa Florida | 9.26 80 | Pn | Pn | 03 51 27.9 -1.8 | | | | |
| LPAZ | comp=Z,0.3nm,0.3s,baz=26,slow=1,SNR=5.8 | | | | | | | | |
| LPAZ | La Paz | 11.96 357 | Pn | Pn | 03 52 06.7 +0.4 | | | | |
| LPAZ | | | eS | Pn | 03 52 06.4 +0.1 | | | | |
| PLCA | Paso Flores | 12.67 191 | Pn | Pn | 03 52 13.6 -1.3 | | | | |
| SIV | comp=Z,0.0nm,0.3s,baz=33,slow=14,SNR=1.4 | | | | | | | | |
| SIV | San Ignacio | 13.61 27 | Pn | Pn | 03 52 27.4 +0.3 | | | | |
| SAML | comp=Z,0.1nm,0.3s,baz=23,slow=18,SNR=1.8 | | | | | | | | |
| SAML | Samuel | 19.66 13 | Pn | Pn | 03 53 38.9 -1.9 | | | | |
| SAML | | | Iamb | | 03 53 39.3 | | | | |
| TXAR | comp=Z,2.0nm,0.6s | | | | | | | | |
| TXAR | Lajitas Arr | 66.92 326 | P | P | 03 59 59.5 +1.7 | | | | |
| DBIC | comp=Z,0.2nm,0.7s,baz=148,slow=12,SNR=2.1 | | | | | | | | |
| DBIC | Dimbokro | 69.63 70 | P | P | 04 00 15.2 +0.3 | | | | |
| TDOR | comp=Z,0.9nm,0.6s,baz=229,slow=9.3,SNR=1.4 | | | | | | | | |
| TDOR | Torodi Arr. Bea | 78.55 68 | P | P | 04 01 07.9 +1.2 | | | | |
| PTAR | comp=Z,5.9nm,0.7s,baz=330,slow=5.2,SNR=15 | | | | | | | | |
| PTAR | Pinedata Array | 80.60 330 | P | P | 04 01 18.8 +1.2 | | | | |
| WRA | comp=Z,0.5nm,0.6s,baz=128,slow=7.1,SNR=6.3 | | | | | | | | |
| WRA | Warramunga Arr | 127.61 206 | PKIP | PKIP | 04 08 10.3 0.0 | | | | |
| ZALV | comp=Z,0.4nm,0.7s,baz=9.6,slow=4.7,SNR=4.8 | | | | | | | | |
| ZALV | Zalesovo Beam | 147.34 31 | PKPc | PKPab | 04 08 48.8 -0.6 | | | | |
| MKAR | comp=Z,2.5nm,0.3s,baz=300,slow=3.5,SNR=13 | | | | | | | | |
| MKAR | Makanchi Array | 150.42 4 | PKPbc | PKIP | 04 08 55.5 +0.4 | | | | |
| MKAR | | | eS | Pn | 04 07 54.7 -1.5 | | | | |

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| DSZ | Denniston Nort | 2.82 38 | P | Pn | 04 07 46.4 -0.7 | | | | | | | | | | | | | |
| PHZ | The Paps | 3.03 200 | P | Pn | 04 07 50.8 +0.8 | | | | | | | | | | | | | |
| APZ | Tophouse | 3.36 50 | P | Pn | 04 07 55.1 +0.5 | | | | | | | | | | | | | |
| QRZ | Quartz Range | 3.89 37 | P | Pn | 04 08 01.2 -0.4 | | | | | | | | | | | | | |
| NEIC 16 04:43:47.3,20.53S;68.87W,h100km,Moment Tensor Solution. Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} =0.86; M _{θθ} =0.07; M _{φφ} =0.92; M _{θφ} =0.44; M _{φθ} =0.01; M _{φr} =0.70; Fault plane solution: M ₁ :22000°/101° NP1 ₉ :199.20000°; δ28.63000°; λ-54.38000°. NP2 ₀ :339.97000°; δ67.07000°; λ-107.64000°. Principal axes: T:1.840, P:20.0000°, Azm83.0000°; N:0.0627, P:147.0000°, Azm347.0000°; P:-1.2467, P:164.0000°, Azm221.0000°; NEIC 16 04:43:47.3,1.6,20.47S;0.04;68.97W;0.07,h104km,4km, mb4.6/64,Mw4.7/36,Mw4.7,ML4.7(GUC) Error ellipse: s-maj=9.0km s-min=5.2km az=93.0 SJA 16 04:43:47.9-0.8,20.263S;69.22W,h114km,5km,ML4.6, MW4.4 GUC 16 04:43:48.7,0.2,20.47S;68.97W,h100km,2km,ML4.7 IDC 16 04:43:48.5,0.4,20.42S;68.78W,h107km,4km,mb4.0/15, mb1.4/2/18,mb1mx2.4/27,mbtm4.5/18,M53/4, M1.3/3.4,ms1mx3.2/2,Error ellipse: s-maj=14.6km s-min=7.0km az=91.0 VAO 16 04:43:48.7,0.3,20.39S;68.84W,h111km,mb4.7 NEIC 16 04:43:50.20,51S;68.97W,h110km,Moment Tensor Solution. Moment tensor: Scale 10 ¹⁶ Nm; M _{rr} =0.70; M _{θθ} =0.06; M _{φφ} =0.76; M _{θφ} =0.42; M _{φθ} =0.00; M _{φr} =1.03; Fault plane solution: M ₁ :33000°/101° NP1 ₉ :197.00000°; δ19.00000°; λ-56.00000°. NP2 ₀ :342.00000°; δ74.00000°; λ-100.00000°. Principal axes: T:3.919, P:28.0000°, Azm80.0000°; N:0.0230, P:110.0000°, Azm345.0000°; P:-1.3430, P:160.0000°, Azm236.0000°; ISC 16 04:43:47.6,0.4,20.47S;0.02;69.01W,0.04,h104km,3km, n201,σ136/232,mb4.5/38,11C-3D,Northern Chile | | | | | | | | | | Code | Station Name | Δ° AZ° | Phase ID | Time | Res | | | |
| BP08 | IPOC Station P | 0.35 337 | I/P | ISC | h m s | ISC | | | | | | | | | | | | |
| BP08 | | | I/S | Sn | 04 44 03.9 +0.5 | | | | | | | | | | | | | |
| BP08 | | | I/S | Sn | 04 44 15.9 +0.4 | | | | | | | | | | | | | |
| BP08 | | | I/S | Sn | 04 44 16.9 | | | | | | | | | | | | | |
| BP08 | comp=E,45um,0.3s | | | | | | | | | | | | | | | | | |
| BP08 | IPOC Station P | 0.35 337 | Pn | Pn | 04 44 03.1 -0.3 | | | | | | | | | | | | | |
| BP08 | | | eS | Pn | 04 44 15.5 +0.4 | | | | | | | | | | | | | |
| BP08 | IPOC Station P | 0.35 337 | eS | Sn | 04 44 15.9 +0.8 | | | | | | | | | | | | | |
| BP08 | | | I/S | Sn | 04 44 19.1 | | | | | | | | | | | | | |
| BP01 | IPOC Station P | 0.73 218 | I/P | Pn | 04 44 06.2 +0.5 | | | | | | | | | | | | | |
| BP01 | | | I/S | Pn | 04 44 19.4 0.0 | | | | | | | | | | | | | |
| BP01 | | | IAML | | 04 44 21.8 | | | | | | | | | | | | | |
| BP01 | comp=N,50um,0.2s | | | | | | | | | | | | | | | | | |
| BP01 | IPOC Station P | 0.73 218 | Pn | Pn | 04 44 05.4 -0.4 | | | | | | | | | | | | | |
| BP01 | | | eS | Sn | 04 44 20.2 +0.8 | | | | | | | | | | | | | |
| BP01 | IPOC Station P | 0.73 218 | Sn | Sn | 04 44 20.5 +1.1 | | | | | | | | | | | | | |
| BP01 | | | IAML | | 04 44 21.6 | | | | | | | | | | | | | |
| GO01 | comp=Z,31um,0.2s | | | | | | | | | | | | | | | | | |
| GO01 | Chuzmiza | 0.81 347 | I/P | Pn | 04 44 07.5 +0.5 | | | | | | | | | | | | | |
| GO01 | | | eS | Sn | 04 44 22.0 +0.6 | | | | | | | | | | | | | |
| GO01 | | | IAML | | 04 44 25.2 | | | | | | | | | | | | | |
| GO01 | comp=E,54um,0.1s | | | | | | | | | | | | | | | | | |
| GO01 | Chuzmiza | 0.81 347 | Pn | Pn | 04 44 07.3 +0.3 | | | | | | | | | | | | | |
| GO01 | | | Sn | Pn | 04 44 22.4 +1.0 | | | | | | | | | | | | | |
| HMBC | Humberstone | 0.85 282 | I/P | Sn | 04 44 07.0 +0.1 | | | | | | | | | | | | | |
| HMBC | | | I/S | Sn | 04 44 21.8 +0.4 | | | | | | | | | | | | | |
| HMBC | | | IAML | | 04 44 25.9 | | | | | | | | | | | | | |
| BP11 | comp=N,46um,0.6s | | | | | | | | | | | | | | | | | |
| BP11 | IPOC Station P | 0.93 319 | I/P | Pn | 04 44 08.2 +0.4 | | | | | | | | | | | | | |
| BP11 | | | I/S | Sn | 04 44 23.7 +0.7 | | | | | | | | | | | | | |
| BP11 | | | IAML | | 04 44 24.4 | | | | | | | | | | | | | |
| BP11 | comp=N,57um,0.4s | | | | | | | | | | | | | | | | | |
| BP11 | IPOC Station P | 0.93 319 | Pn | Pn | 04 44 07.2 -0.6 | | | | | | | | | | | | | |
| BP11 | | | Sn | Sn | 04 44 23.6 +0.7 | | | | | | | | | | | | | |
| BP11 | IPOC Station P | 0.93 319 | eS | Sn | 04 44 23.6 +0.7 | | | | | | | | | | | | | |
| BP11 | | | IAML | | 04 44 24.5 | | | | | | | | | | | | | |
| TA02 | comp=Z,13um,0.3s | | | | | | | | | | | | | | | | | |
| TA02 | Huauquique | 1.07 280 | I/P | Pn | 04 44 09.6 +0.5 | | | | | | | | | | | | | |
| TA02 | | | I/S | Sn | 04 44 25.9 +0.6 | | | | | | | | | | | | | |

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like CCM, S39A Bolivar, MSTX Muleshoe, etc.

NEIC 16 05:06:23.4:0.6, 13.7N:0.1:144.8E:0.2, h146km, 5km, mb4, 1/8, Error ellipse: s-maj=28.1km s-min=13.8km

IDC 16 05:06:23.2:0.7, 13.79N:144.75E, h139km, 7km, mb3.3/4, mb1 3.5/4, mb1mx3.2/30, mbtrmp3.7/4, Error ellipse: s-maj=47.2km s-min=18.3km az=99.0

ISC 16 05:06:23.2:0.9, 13.77N:0.1:144.9E:0.3, h147km, 8km, n14, o=67/15, mb3.9/7, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like GUMO, JCJ Chichijima, MANU Manus Island, etc.

UCR 16 05:25:20.3:1.9, 8.93N:82.57W, h6km, 8km, MD3.3, MW4.2

UPA 16 05:25:20.7:1.4, 8.91N:82.57W, h4km, 2km, MW4.3

ISC 16 05:25:19.5:1.0, 9.01N:0.03:82.54W:0.02, h8km, 9km, n62, r=123/96, 4C-9D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like BC3P Paso Ancho, BRU2 Volcan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like PTAR3 Monte Lirio, C, MLIR3, MLIR3, CHGR2 Aguacate, etc.

IGIL 16 05:33:01.9, 39.79N:12.01W, h6km, ML1.9

MDD 16 05:33:02.6:1.5, 39.69N:12.07W, h0km, mb3.5/3, Error ellipse: s-maj=14.3km s-min=8.2km az=80.0, PRXIMO

INMG 16 05:33:04.5:1.0, 39.68N:12.52W, h10km, ML2.0, Error ellipse: s-maj=5.6km s-min=2.8km az=79.0

ISC 16 05:32:57.2:2.3, 39.59N:12.04W:0.1, h10km, n48, o=243/87, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like PMAFR Mafrá, PMAFR Mafrá, PMAFR Mafrá, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like MORF, PCBR Castelo Branco, PCBR Castelo Branco, etc.

WEL 16 06:42:27.9, 43°S:16°17'2"E:1°10', h13km, 20km, M2.1/7, ML2.1/7, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like OXF Oxford, RACZ Rakaia, AMCZ Amberley, etc.

WEL 16 07:21:58.7, 38°S:2°17'6"E:1, h174km, 3km, M2.8/42, ML2.8/42, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Res. Includes stations like WPRZ Whakapapatarin, PRBZ Rakaia Road, ALRZ Allen Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include MTVZ Mangateitei, BHHZ Black Hill Sta, BHHZ Aropoanui, ARHZ Aropoanui, etc.

IDC 16:08:10.41:9.2:6.6:2S:127.77E, h0km, mb3.4/1, mb1 3.3/3, mb1mx3.8/28, mbtmp3.2/3, ML3.2/2, Error ellipse: s-maj=308.5km s-min=31.6km az=65.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, etc.

DDA 16:08:16:24.9, 42:23N:41:06E, h7km, mb3km, ML1.4 MOS 16:08:16:26.0, 42:48N:40:99E, h12km, MPVA3.2

ISC 16:08:16:22.9:1.6, 42:34N:0:04:41:04E:0:06, h1km, 14km, n8, e03N/16, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DBOC Borcka, ARXK Arkhzy, ARXR Bademkaya, etc.

IDC 16:08:24:05.4:0.8, 51:73N:175:44W, h0km, mb3.9/12, mb1 4.1/14, mb1mx3.8/50, mbtmp3.9/14, ML3.8/2, MS3.1/3, Ms1 3.1/3, ms1mx2.7/53, Error ellipse: s-maj=28.2km s-min=1.4, 5km az=167.0

AEIC 16:08:24:11.2:1.1, 51:32N:0:06:175:25W:0:04, h28km, 6km, ML3.9, mb4.2/16(NEIC), Error ellipse: s-maj=8.3km s-min=3.4, 4km az=163.0

NEIC 16:08:24:12.3:1.8, 51:64N:0:07:175:26W:0:05, h42km, 15km, Error ellipse: s-maj=10.9km s-min=4.3km az=168.0

ISC 16:08:24:12.9:1.3, 51:38N:0:1:175:32W:0:04, h52km, 10km, n8, e1323/75, mb4.0/15, Andronof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include GSGI Igitkin Island, GSMY Great Sitkin I, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include AMKA Little Sitkin, LSPA Little Sitkin, LSNW Little Sitkin, etc.

IDC 16:08:24:27.0:0.3, 5S:129:31E, h0km, mb4.1/11, mb1 4.3/13, mb1mx4.1/34, mbtmp4.2/13, ML3.5/2, MS2.9/1, Ms1 2.9/1, ms1mx2.5/29, Error ellipse: s-maj=26.1km s-min=13.8km az=61.0

DJA 16:08:24:23.4:1.4, 0:52S:129:31E, h18km, 11km, M4.2/9, mb5.2/2, mb4.3/6, ML4.1/9, Mw(MB)4.5/2

ISC 16:08:24:27.0:0.6, 0:31S:0:07:129:38E:0:06, h35km, n26, e152/29, mb4.1/10, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SWI Sorong, SWI Sorong, SIJI Sorong, etc.

IDC 16:08:24:19.2:0.7, 0:35S:129:31E, h0km, mb4.1/11, mb1 4.3/13, mb1mx4.1/34, mbtmp4.2/13, ML3.5/2, MS2.9/1, Ms1 2.9/1, ms1mx2.5/29, Error ellipse: s-maj=26.1km s-min=13.8km az=61.0

DJA 16:08:24:23.4:1.4, 0:52S:129:31E, h18km, 11km, M4.2/9, mb5.2/2, mb4.3/6, ML4.1/9, Mw(MB)4.5/2

ISC 16:08:24:27.0:0.6, 0:31S:0:07:129:38E:0:06, h35km, n26, e152/29, mb4.1/10, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include SWI Sorong, SWI Sorong, SIJI Sorong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KURBB Kurchatov Arra, BVAR Borovoye Array, AKTO Aktyubinsk

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DDA 16:09:01:18.9, 38:40N:27:09E, h7km, 1km, ML2.0, Turkey

NNC 16:09:02:02.6:4.2, 44:32N:82:93E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=41.9km s-min=13.2km az=119.0

SOME 16:09:02:03.1, 44:35N:82:95E, h15km, ISC 16:09:02:04.9:2.0, 44:38N:0:07:82:94E:0:10, h17km, n11, e1869/19, 6C, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KTMS Ketmen, DJR Jarkent, DJR Jarkent, etc.

ISK 16:09:02:13.5:0.4, 15N:27:08E, h13km, ML4 4/63 MED_RC 16:09:02:13.0:0.4, 40:13N:1:09E, h10km, MW4.2/15, Moment Tensor Solution, Mantle waves: s15 c17, Duration: 1s0 Moment tensor: Scale 10^15Nm; M0=0.61; 13; M1=1.86; 15; M2=1.25; 15; M3=0.07; 46; Mw=1.00; 15; Mw=0.88; 58; Best double couple: Mw=0.92x10^15 Np1:245.00000; s66.00000; lambda=160.00000; NP2:146.00000; s71.00000; lambda=26.00000; Principal axes: T 2.1500, Plg4.0000, Azm197.0000; N -0.1000, Plg59.0000; s66.0000; P -2.0500, Plg31.0000; Azm105.0000; nsta1 refers to body waves. nsta2 refers to surface waves, cutoff=35s.

DDA 16:09:02:13.7, 40:13N:27:08E, h17km, 1km, MW4.3, ATH 16:09:02:13.2:0.4, 15N:27:08E, h35km, 2km, ML4.3/9, Error ellipse: s-maj=3.7km s-min=1.3km az=82.0

IDC 16:09:02:14.1:1.0, 40:10N:27:11E, h0km, mb3.6/3, mb1 3.8/8, mb1mx3.5/51, mbtmp3.6/3, ML3.6/5, MS3.2/9, Ms1 3.2/9, ms1mx2.9/51, Error ellipse: s-maj=17.7km s-min=12.3km az=29.0

NEIC 16:09:02:14.2:2.4, 40:11N:0:05:27:09E:0:08, h1km, 6km, Error ellipse: s-maj=8.3km s-min=7.0km az=85.0

THE 16:09:02:14.9, 40:13N:27:02E, h8km, ML4.0/13, Error ellipse: s-maj=0.9km s-min=0.5km az=248.0

SOF 16:09:02:14.8, 40:28N:26:90E, h5km, MD4.1, ISC 16:09:02:13.9:1.0, 40:13N:0:11:27:11E:0:10, h8km, 8km, n362, e091/432, MS3.4/5, 36C-21.0, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KNL Balikesir, KNL Lapseki, LPK Gonen-Balikesi, etc.

16d 9h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BALB Balikesir, BOZC Bozcaada, AYVA Ayvalik, etc.

BLCB

Table with columns for station name, frequency, mode, and other parameters. Includes stations like BLCB Balçova, ISK Istanbul-Kandi, KAVV Kandi-Istan, etc.

2014 DEC

Table with columns for station name, frequency, mode, and other parameters. Includes stations like APE Apeiranthos, KNT Kendrickon, AMGA Amorgos Island, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AB31 Akbulak array, ABKAR Akbulak array, EKA Eskdalemuir Arr, etc.

DDA 16:09:03:56.3, 40.13N, 27.08E, h7km, 2km, MW3.5, ISK 16:09:03:56.1, 40.16N, 27.09E, h11km, ML3.8/4.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LPK Lapseki, LPEK Lapeki, KNL Balkesir, etc.

IDC 16:09:04:06.6, 2.0, 1.77N, 126.05E, h0km, mb3.3/3, mb1.3/6, mb1mx3.4/40, mbtmp3.4/3, MS3.3/1, Ms1.3/3.1, Ms1mx2.5/2.4, Error ellipse: s-maj=174.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LEM Lembang, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 16:09:14:40.2, 2.1, 2.6'41N, 103.27E, h0km, mb3.7/5, mb1.3/9.6, mb1mx3.7/31, mbtmp3.7/6, ML3.4/1, MS3.0/3, Ms1.2/9.3, ms1mx2.6/43.4, Error ellipse: s-maj=60.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HNR Honiara, DZM Mont Dzumac, DZM Urewera, etc.

IDC 16:09:38:07.0, 1.2, 26.41N, 103.27E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.5/52, mbtmp3.7/6, ML4.3/1, Error ellipse: s-maj=54.2km s-min=21.6km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, SONM Songoing Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ARCES ARCES Array B, DJA 16:09:46:29.1, 0.5, 9'S, 4.1'10'E, etc.

IDC 16:09:49:40.1, 0.7, 37.73N, 139.90E, h0km, mb3.7/12, mb1.4/0.13, mb1mx3.8/56, mbtmp3.7/13, ML3.6/1, Error ellipse: s-maj=19.0km s-min=11.4km az=136.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYAR Yonezawaaracadi, JYR Otama, JYF Yanaizu, etc.

ISC 16:09:40.4, 1.1, 37.76N, 0.02, 139.97E, 0.02, h4km, 7km, n50, c157/54, mb3.8/15, 1C-9D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYAR Yonezawaaracadi, JYR Otama, JYF Yanaizu, etc.

H1N2 WAKE ISLAND Hy 29.51 120 T T 10 25 50.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ZALV Zalesovo Beam, MKAR Makararray, KURK Kurchatov, etc.

H1N1 WAKE ISLAND Hy 29.52 120 T T 10 25 50.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURB Kurchatov, BVAR Borovoye Array, ILAR Eielson Array, etc.

H1N3 WAKE ISLAND Hy 29.53 120 T T 10 25 52.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H1S1 WAKE ISLAND Hy 30.22 122 T T 10 26 46.3

H1S2 WAKE ISLAND Hy 30.24 122 T T 10 26 47.0

NIED 16:09:50:35.3, 37.77N, 139.98E, h7km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYAR Yonezawaaracadi, JYF Yanaizu, JYF Shirataka, etc.

JMA 16:09:50:35.2, 37.77N, 139.98E, h7km, 1km, M3.5, 6D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYAR Yonezawaaracadi, JYF Yanaizu, JYF Shirataka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JYU Kawauchi, JFK Kawauchi, JYA Atsumi, etc.

WEL 16:09:50:45.7, 41.3'S, 173.3'E, h159km, 4km, M2.7/18, ML2.7/18, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DUWZ D'Urville Isla, DUWZ Nelson, NNZ Quartz Range, etc.

IDC 16:10:09:26.5, 1.5, 64.50N, 17.76W, h0km, mb3.6/5, mb1.3/9.6, mb1mx3.5/48, mbtmp3.6/6, ML4.0/1, MS3.4/2, Ms1.3/4.2, ms1mx2.8/36, Error ellipse: s-maj=44.6km

REY 16:10:09:26.5, 64.67N, 17.47W, h7km

ISC 16:10:09:27.0, 0.6, 64.68N, 0.02, 17.48W, 0.02, h10km, n58, c1566/69, mb3.6/5, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDYN Dnyugjalsk, IURH Urdarhals, IDJK Dnyugjukoll, etc.

16d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AB31, ABKAR, STKA, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FAQ, ALNE, ASUD, etc.

746

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RLMT, TPNV, LOHW, etc.

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

IDC 16:10:14:43.7:1.9,2,64N-127.60E, h0km, mb3.3/4, mb1 3.6/4, mb1mx3.3/3.8, mbtmp3.4/4, Error ellipse: s-maj=107.8km s-min=23.5km az=70.0, Northern Moluca Sea

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

HEL 16:10:15:42.7:0.1, 64.65N-30.68E, h0km, ML1.9, Explosion IDC 16:10:15:45.2:2.7, 64.70N-30.30E, h0km, mb1 3.0/3, mb1mx2.9/3.9, mbtmp2.9/3, ML2.0/3, Error ellipse: s-maj=38.7km s-min=8.7km az=100.0

ISC 16:10:15:41.8:1.3, 64.70N-30.30E, h0km, n14, #1963/22, Finland-Karelia border region

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

IDC 16:10:44:04.4:1.7, 1.32N-126.62E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/5.9, mbtmp3.9/5, ML3.7/1, Error ellipse: s-maj=110.0km s-min=23.8km az=67.0

DJA 16:10:44:19.8:0.6, 2.1N-3.12E, h10km, M4.2/10, mb4.3/7, mb5.0/2, MLV4.1/10, Mw(mb4.2/2, Mwps2/1) IDC 16:10:44:15.1:1.4, 1.9N-0.12E, h0km, n15, #2528/17, mb3.8/4, Halmahera

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

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

IDC 16:10:45:24.9:0.3, 56.73S-150.65W, h0km, mb5.1/19, mb1 5.1/19, mb1mx5.0/30, mbtmp5.1/19, MS4.3/13, Ms1 4.3/13, ms1mx4.2/22, Error ellipse: s-maj=18.5km s-min=11.7km az=12.0

NEIC 16:10:45:24.5:1.6, 56.73S-150.65W, h0km, 1km, mb5.6/94, Mw5.3(GCMT), Error ellipse: s-maj=19.9km s-min=15.5km az=15.0

MOS 16:10:45:25.1:0.1, 56.93S-150.56W, h11km, mb5.4/22, Error ellipse: s-maj=16.9km s-min=14.1km az=108.7

NEIC 16:10:45:32.56:98S-150.84W, h17km, Moment Tensor Solution. Moment Tensor: Scale 10^17Nm; Mm=1.20; Ml=1.07; Mtd=0.13; Mtr=0.01; Mss=0.45; Mtt=0.22; Fault plane solution: M1.250000*10^17; NP1=282.0000, 544.0000, lambda=104.000000, NP2=121.000000, 548.0000, lambda=77.000000. Principal axes: T 1.2530, Plg2.0000, Azm22.0000; N -0.0162, Plg10.0000, Azm292.0000; P -1.2369, Plg80.0000, Azm99.0000

GCMT 16:10:45:32.5:0.1, 56.93S:0.0:1:150.80W:0.02, h18km, Mw5.3/122, Moment Tensor Solution. s99,c151; s122,c188; Duration: 111 Moment tensor: Scale 10^17 Nm; Mm=1.14; Ml=0.22; Mtd=0.13; Mtr=0.01; Mss=0.45; Mtt=0.22; Best double couple: M1.228000*10^17; NP1=282.0000, 336.0000, lambda=105.000000; NP2=121.0000, 555.0000, lambda=79.000000. Principal axes: T 1.2150, Plg10.0000, Azm203.0000; N 0.0310, Plg9.0000, Azm295.0000; P -1.2410, Plg77.0000, Azm67.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 16:10:45:32.0:0.2, 56.96S:0.06:150.56W:0.06, h10km, n470, #1924/466, mb5.5/76, MS4.5/21, 9C-9D, Pacific-Antarctic Ridge

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PPT2, PPT2, PPT2, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PPT2, PPT2, PPT2, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LL01, VNA1, EIDS, NVL, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H03S1, H03S1, H03S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H03S3, H03S3, H03S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like LCO1, LCO1, LCO1, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H03N3, H03N3, H03N3, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H03N1, H03N1, H03N1, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sonseca Array, GEYT, BRZS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHH, DRK, ARSB, etc.

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

SOME 16 10:47:00.1, 39.580N; 73.87E, h10km
ISU 16 10:47:01.0, 39.60N; 73.80E, h0km
KRNET 16 10:47:04.1, 0.1, 39.62N; 73.71E, h17km, mb3.3
NVC 16 10:47:05.2, 1.0, 39.71N; 73.90E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=7.5km s-min=4.3km az=172.0
ISC 16 10:47:05.4, 1.5, 39.75N; 0.05; 73.69E; 0.03, h2km, 11km,
n71, az50/113, 40C-11D, Tajikistan-Xinjiang border
region

Code Station Name Az Phase ID Time Res
SFK Sufi-Kurgan 0.30 332 eP ISC h m s ISC
SFK Sufi-Kurgan 0.30 332 eP Pg 10 47 10.9 -0.1
OHH Osh 1.04 319 i/P Pg 10 47 18.3 -3.0
OHH Osh 1.04 319 i/P Pg 10 47 26.2 +0.8
OHH Osh 1.04 319 i/P Pg 10 47 42.3 +3.4

Code Station Name Az Phase ID Time Res
MDOK 21nm, 0.8s fLg Lg 10 49 18.3
MDOK Medeo 4.25 35 Pg Pg 10 48 21.4 +0.5
MDOK Medeo 6.7nm, 0.6s Lg Lg 10 49 17.8
ANVS Anan'yevov 4.27 43 i/P Pn 10 48 14.0 +2.4
KOTS Kotrybulak 4.33 35 eS Pg 10 48 23.2 +0.9
KOTS Kotrybulak 18nm, 0.6s eS Pg 10 49 21.2 -3.4
KOTS Kotrybulak 60nm, 0.8s eS Pg 10 48 23.3 +0.9
KOTS Kotrybulak 18nm, 0.6s eS Pg 10 49 21.2

| | | | | | | | | | | | | | | | |
|-----------------------------|-----------|----|----|-----------------|------|-----------------------------|-----------|-----|------|--------------------|-------|----|----|---|-----------------|
| baz=49,SNR=10 | 49.76 236 | P | P | 11 45 22.4 +1.4 | GYA | comp=Z,420nm,4.4s | pmx | pmx | BILL | Bilibino | 78.76 | 0d | iP | P | 11 48 30.6 +0.5 |
| NWAO Narrogin (SRO) | 49.76 236 | P | P | 11 45 22.4 +1.4 | GYA | comp=Z,880nm,20.8s | LR | LR | BILL | Bilibino | 78.76 | 0 | P | P | 11 48 37.9 |
| baz=50,SNR=3.9 | 49.76 236 | P | P | 11 45 21.1 +0.1 | GS1 | comp=Z,8um,comp=Z,42nm,1.1s | P | P | BILL | Bilibino | 78.76 | 0 | P | P | 11 51 23.8 |
| NWAO Narrogin (SRO) | 49.76 236 | P | P | 11 45 21.1 +0.1 | GS1 | Gunungsitoli | 69.12 276 | P | P | comp=Z,28nm,0.8s | | | | | |
| MORW Morawa | 49.92 241 | P | P | 11 45 21.0 +1.6 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,252nm,18.0s | | | | | |
| baz=50,SNR=9.0 | 49.92 241 | P | P | 11 45 21.4 -0.9 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,30nm,0.9s | | | | | |
| MORW Morawa | 49.92 241 | P | P | 11 45 21.4 -0.9 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,30nm,0.9s | | | | | |
| MYLDM Lahad Datu | 49.94 286 | P | P | 11 45 21.6 -1.0 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,30nm,0.8s | | | | | |
| MUN Munding | 50.38 337 | P | P | 11 45 26.5 +0.7 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,30nm,0.8s | | | | | |
| baz=50,SNR=6.6 | 50.44 331 | LR | LR | 12 02 28.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,20nm,1.4s | | | | | |
| HJH Hachijo jima 2 | 50.44 331 | LR | LR | 12 02 28.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,910nm,21.7s | | | | | |
| comp=Z,62nm,20.2s,ba | 51.26 274 | P | P | 11 45 33.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,1um,23.9s | | | | | |
| BBKI Banjar Baru | 51.26 274 | P | P | 11 45 33.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| TAOE Nuku Hiva Isla | 53.01 93 | eS | S | 11 53 24.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| comp=Z,2um,comp=Z,12nm,0.8s | 53.01 93 | eS | S | 11 53 24.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| TAOE Nuku Hiva Isla | 53.01 93 | eS | S | 11 53 24.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| comp=Z,518nm,25.5s | 53.01 93 | eS | S | 11 53 24.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| TAOE Nuku Hiva Isla | 53.01 93 | eS | S | 11 53 24.8 +1.2 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| comp=Z,2um,27.2s | 53.51 268 | P | P | 11 45 49.8 +0.6 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| PWJI Pagerwojo | 53.51 268 | P | P | 11 45 49.8 +0.6 | XAN | Xi'an | 70.24 312 | P | P | comp=Z,70nm,1.5s | | | | | |
| comp=Z,26nm,0.9s | 53.92 327 | P | P | 11 45 52.7 +0.8 | UTHA | Phrae | 70.97 291 | P | P | comp=Z,23nm,1.4s | | | | | |
| JMN Monobe | 53.92 327 | P | P | 11 45 52.7 +0.8 | UTHA | Phrae | 70.97 291 | P | P | comp=Z,160nm,4.9s | | | | | |
| MJAR Matsuhiro Arr | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | P | comp=Z,380nm,21.2s | | | | | |
| comp=Z,6.0nm,0.8s,ba | 53.99 332 | P | P | 11 45 51.9 -0.5 | PHRA | Phrae | 71.17 294 | P | | | | | | | |

16d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, MOY, SCRC, ORV, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 107A, WWOR, GVMC, etc.

752

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BOZ, REDW, 121A, etc.

| | | | | | | |
|-------|-----------------------------------|----------|-----------------|-----------------|-----------------|--|
| LVC | LR | LR | 12 58 19.7 | | | |
| LVC | comp=Z,68nm,20.1s,baz=76,slow=32 | S | 12 58 29.7 +0.7 | | | |
| LVC | 992nm,0.3s,baz=108,slow=20,SNR=27 | S | 12 58 15.0 +0.6 | | | |
| LVC | Limon Verde | 0.66 204 | iP | Pn | 12 58 29.6 +0.5 | |
| LVC | Limon Verde | 0.66 204 | Pn | 12 58 15.0 +0.6 | | |
| LVC | Limon Verde | 0.66 204 | Pn | 12 58 29.1 +0.1 | | |
| LVC | Limon Verde | 0.66 204 | eP | 12 58 15.1 +0.6 | | |
| LVC | Limon Verde | 0.66 204 | eP | 12 58 29.2 +0.1 | | |
| LVC | Limon Verde | 0.66 204 | eP | 12 58 15.0 +0.6 | | |
| LVC | Limon Verde | 0.66 204 | eS | 12 58 29.4 +0.4 | | |
| PB03 | IPOC Station P | 1.05 268 | iP | Pn | 12 58 18.3 +0.6 | |
| PB03 | IPOC Station P | 1.05 268 | iP | Pn | 12 58 35.3 +0.4 | |
| PB03 | IPOC Station P | 1.05 268 | eP | 12 58 37.9 | | |
| PB03 | IPOC Station P | 1.05 268 | eS | 12 58 18.3 +0.6 | | |
| PB03 | IPOC Station P | 1.05 268 | eS | 12 58 34.2 -0.6 | | |
| PB03 | IPOC Station P | 1.05 268 | eS | 12 58 38.0 | | |
| PB06 | IPOC Station P | 1.12 232 | iP | Pn | 12 58 19.6 +1.1 | |
| PB07 | IPOC Station P | 1.21 283 | iP | Pn | 12 58 19.9 +0.6 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 38.3 +0.5 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 39.3 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 20.0 +0.6 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 37.2 -0.6 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 19.9 +0.6 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 38.8 +1.0 | |
| PB07 | IPOC Station P | 1.21 283 | iS | Pn | 12 58 41.1 | |
| PB01 | IPOC Station P | 1.25 320 | iP | Pn | 12 58 19.8 0.0 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 38.1 -0.4 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 39.9 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 19.8 0.0 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 37.9 -0.7 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 19.9 0.0 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 39.5 +1.0 | |
| PB01 | IPOC Station P | 1.25 320 | iS | Pn | 12 58 40.7 | |
| PB02 | IPOC Station P | 1.37 300 | iP | Pn | 12 58 21.3 +0.2 | |
| PB02 | IPOC Station P | 1.37 300 | iS | Pn | 12 58 40.9 +0.1 | |
| PB02 | IPOC Station P | 1.37 300 | iS | Pn | 12 58 45.9 | |
| PB02 | IPOC Station P | 1.37 300 | eP | 12 58 21.4 +0.2 | | |
| PB02 | IPOC Station P | 1.37 300 | eP | 12 58 41.3 +0.5 | | |
| PB02 | IPOC Station P | 1.37 300 | eP | 12 58 44.1 | | |
| PB15 | IPOC Station P | 1.43 213 | iP | Pn | 12 58 23.2 +1.3 | |
| PB04 | IPOC Station P | 1.45 257 | iP | Pn | 12 58 22.9 +0.8 | |
| PB04 | IPOC Station P | 1.45 257 | iS | Pn | 12 58 43.0 +0.4 | |
| PB04 | IPOC Station P | 1.45 257 | iS | Pn | 12 58 50.1 | |
| PB04 | IPOC Station P | 1.45 257 | iS | Pn | 12 58 22.9 +0.8 | |
| PB04 | IPOC Station P | 1.45 257 | iS | Pn | 12 58 43.7 +1.1 | |
| PB04 | IPOC Station P | 1.45 257 | iS | Pn | 12 58 50.2 | |
| PB05 | IPOC Station P | 1.69 240 | iP | Pn | 12 58 25.4 +0.6 | |
| PB05 | IPOC Station P | 1.69 240 | iS | Pn | 12 58 48.1 +0.7 | |
| PB05 | IPOC Station P | 1.69 240 | iS | Pn | 12 58 54.2 | |
| PB05 | IPOC Station P | 1.69 240 | eP | 12 58 25.8 +1.0 | | |
| PB05 | IPOC Station P | 1.69 240 | eS | 12 58 48.8 +1.4 | | |
| PB05 | IPOC Station P | 1.69 240 | eS | 12 58 57.1 | | |
| PATCX | Punta Patache | 1.85 309 | iP | Pn | 12 58 26.9 +0.1 | |
| PATCX | Punta Patache | 1.85 309 | iS | Pn | 12 58 50.6 -0.3 | |
| PATCX | Punta Patache | 1.85 309 | iS | Pn | 12 58 52.4 | |
| PATCX | Punta Patache | 1.85 309 | iS | Pn | 12 58 26.7 -0.1 | |
| PATCX | Punta Patache | 1.85 309 | iS | Pn | 12 58 51.6 +0.6 | |
| PATCX | Punta Patache | 1.85 309 | iS | Pn | 12 58 26.9 +0.1 | |
| PB08 | IPOC Station P | 1.92 345 | iP | Pn | 12 58 28.4 +0.4 | |
| PB08 | IPOC Station P | 1.92 345 | iS | Pn | 12 58 53.4 +0.4 | |
| PB08 | IPOC Station P | 1.92 345 | iS | Pn | 12 58 28.5 +0.5 | |
| PB08 | IPOC Station P | 1.92 345 | iS | Pn | 12 58 53.2 +0.2 | |
| PB08 | IPOC Station P | 1.92 345 | eP | 12 58 28.8 +0.8 | | |
| PB08 | IPOC Station P | 1.92 345 | eS | 12 58 53.6 +0.6 | | |
| PB08 | IPOC Station P | 1.92 345 | eS | 12 58 56.9 | | |
| TA01 | Diego Arcarena | 2.04 314 | iP | Pn | 12 58 28.7 -0.3 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 54.9 -0.1 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 57.3 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 28.7 -0.3 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 29.3 -0.5 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 55.9 -0.4 | |
| TA01 | Diego Arcarena | 2.04 314 | iS | Pn | 12 58 58.8 | |
| TA02 | Huapiquique | 2.23 321 | eP | Pn | 12 58 31.1 -0.4 | |
| TA02 | Huapiquique | 2.23 321 | iS | Pn | 12 58 58.7 -0.5 | |
| TA02 | Huapiquique | 2.23 321 | iS | Pn | 12 59 05.9 | |
| PB10 | IPOC Station P | 2.33 230 | iP | Pn | 12 58 33.3 +0.6 | |
| PB10 | IPOC Station P | 2.33 230 | iS | Pn | 12 59 02.2 +0.7 | |
| PB10 | IPOC Station P | 2.33 230 | iS | Pn | 12 59 13.2 | |
| PB10 | IPOC Station P | 2.33 230 | Pn | 12 58 34.0 +1.4 | | |
| PB10 | IPOC Station P | 2.33 230 | Pn | 12 58 33.6 +1.0 | | |
| PB10 | IPOC Station P | 2.33 230 | eS | 12 59 14.1 +2.6 | | |
| PB10 | IPOC Station P | 2.33 230 | eS | 12 59 12.7 | | |
| GO01 | Chusmiza | 2.39 347 | iP | Pn | 12 58 33.8 -0.1 | |
| GO01 | Chusmiza | 2.39 347 | iS | Pn | 12 59 03.0 -0.6 | |
| GO01 | Chusmiza | 2.39 347 | iS | Pn | 12 59 06.1 | |
| GO01 | Chusmiza | 2.39 347 | Pn | 12 58 34.4 +0.4 | | |
| PB11 | IPOC Station P | 2.44 336 | iP | Pn | 12 58 33.7 -0.5 | |
| PB11 | IPOC Station P | 2.44 336 | iS | Pn | 12 59 03.4 -0.8 | |
| PB11 | IPOC Station P | 2.44 336 | Pn | 12 58 33.7 -0.5 | | |
| PB11 | IPOC Station P | 2.44 336 | eP | 12 58 33.9 -0.3 | | |
| PB11 | IPOC Station P | 2.44 336 | eS | 12 59 03.7 -0.5 | | |
| PB11 | IPOC Station P | 2.44 336 | eS | 12 59 04.6 | | |
| PSGC | Pisagua | 2.78 329 | iP | Pn | 12 58 37.1 -1.5 | |
| PSGC | Pisagua | 2.78 329 | iS | Pn | 12 59 03.3 -2.8 | |
| PSGC | Pisagua | 2.78 329 | iS | Pn | 12 59 12.5 | |
| PSGCX | Pisagua | 2.78 329 | Pn | 12 58 37.0 -1.6 | | |
| PSGCX | Pisagua | 2.78 329 | eP | 12 58 37.1 -1.5 | | |
| PSGCX | Pisagua | 2.78 329 | eS | 12 59 02.7 -2.4 | | |
| YJA | Yavi | 2.89 94 | eP | Pn | 12 58 41.8 +1.6 | |
| YJA | Yavi | 2.89 94 | eS | Pn | 12 59 17.9 +2.9 | |
| MMNC | Minye Minye | 3.00 342 | iP | Pn | 12 58 41.4 -0.3 | |
| MMNC | Minye Minye | 3.00 342 | iS | Pn | 12 59 17.8 +0.2 | |
| MMNC | Minye Minye | 3.00 342 | Pn | 12 58 41.3 -0.3 | | |
| MMNC | Minye Minye | 3.00 342 | eP | Pn | 12 58 41.5 -0.3 | |
| PB14 | IPOC Station P | 3.08 212 | eP | Pn | 12 58 43.3 +0.7 | |
| PB14 | IPOC Station P | 3.08 212 | eP | Pn | 12 59 13.9 -5.4 | |
| PB14 | IPOC Station P | 3.08 212 | eP | Pn | 12 58 43.2 +0.5 | |
| PB14 | IPOC Station P | 3.08 212 | eP | Pn | 12 58 43.6 +0.9 | |
| PB14 | IPOC Station P | 3.08 212 | eS | 12 59 01.3 +1.1 | | |
| PB14 | IPOC Station P | 3.08 212 | eS | 12 59 32.8 | | |
| HJA | Humahuaca | 3.20 113 | eP | Pn | 12 58 45.8 +1.5 | |
| GO02 | Mina Guanaco | 3.26 196 | Pn | 12 58 45.8 +0.5 | | |
| GO02 | Mina Guanaco | 3.26 196 | Pn | 12 58 45.0 +0.5 | | |
| PB16 | IPOC Station P | 3.75 347 | iP | Pn | 12 58 52.1 +0.3 | |
| PB16 | IPOC Station P | 3.75 347 | iS | Pn | 12 59 36.0 +0.4 | |
| SLA | IPOC Station P | 3.94 134 | eP | Pn | 12 58 52.1 +0.3 | |
| SLA | IPOC Station P | 3.94 134 | eP | Pn | 12 58 56.3 +2.4 | |
| AP01 | Chacalluta | 3.96 336 | iP | Pn | 12 58 53.8 -0.3 | |
| AP01 | Chacalluta | 3.96 336 | iS | Pn | 12 58 52.3 -1.8 | |
| AP01 | Chacalluta | 3.96 336 | iS | Pn | 12 58 52.3 -1.8 | |
| ASTB | Santa Barbara | 4.30 117 | eP | Pn | 12 58 59.1 +0.4 | |
| AC01 | Pan de Azucar | 4.50 203 | eP | Pn | 12 59 00.3 -1.0 | |
| AC01 | Pan de Azucar | 4.50 203 | eP | Pn | 12 59 49.2 -3.6 | |
| AC01 | Pan de Azucar | 4.50 203 | eP | Pn | 12 59 40.7 -0.7 | |
| AC01 | Pan de Azucar | 4.50 203 | eP | Pn | 12 59 07.3 +0.6 | |
| AC02 | Maricunga | 4.83 185 | eP | Pn | 12 59 06.6 +0.4 | |
| AC02 | Maricunga | 4.83 185 | eS | Pn | 12 59 00.6 -0.8 | |
| AC02 | Maricunga | 4.83 185 | eS | Pn | 12 59 06.7 +0.5 | |
| AHML | Horco Molle | 5.62 148 | eP | Pn | 12 59 18.0 +1.6 | |
| LPZ | La Paz | 5.71 5 | Pn | 12 59 18.9 +0.8 | | |
| LPZ | La Paz | 5.71 5 | eP | Pn | 12 59 16.8 -1.4 | |
| GO03 | Copiap | 5.75 194 | Pn | 12 59 16.4 -1.7 | | |
| GO03 | Copiap | 5.75 194 | eP | Pn | 12 59 17.0 -1.2 | |
| GO03 | Copiap | 5.75 194 | eS | Pn | 12 59 21.5 -1.5 | |

| | | | | | |
|-------|----------------|-----------|----|-----------------|--|
| AC04 | Llanos de Chal | 6.56 199 | Pn | 12 59 25.7 -3.3 | |
| AC05 | El Transito | 6.96 192 | Pn | 12 59 32.5 -2.1 | |
| ACO | Las Campanas | 7.22 195 | Pn | 12 59 35.2 -3.0 | |
| AGUA | GUANDACOL | 7.45 179 | eS | 12 59 03.3 -0.8 | |
| AGUA | GUANDACOL | 7.45 179 | eS | 13 01 06.4 | |
| CO01 | Juntas del Tor | 8.04 189 | Pn | 12 59 48.1 -1.2 | |
| GO04 | Tololo Observa | 8.36 193 | Pn | 12 59 50.9 -2.7 | |
| CO03 | El Pedregal | 8.99 191 | Pn | 12 59 58.5 -3.5 | |
| SIV | San Ignacio | 9.31 51 | Pn | 12 59 02.7 -3.7 | |
| SIV | San Ignacio | 9.31 51 | Pn | 13 01 38.5 -1.1 | |
| VA03 | Zonda | 9.50 180 | Pn | 13 00 07.8 +1.0 | |
| VA03 | San Esteban | 10.65 189 | Pn | 13 00 29.3 +0.3 | |
| ROCI | El Rolo | 11.13 190 | Pn | 13 01 11.4 -0.5 | |
| CPUP | Villa Florida | 11.17 115 | P | 13 00 28.8 -2.5 | |
| CPUP | Villa Florida | 11.17 115 | Pn | 13 00 29.1 -2.1 | |
| CPUP | Villa Florida | 11.17 115 | Pn | 13 00 29.3 -1.9 | |
| CPUP | Villa Florida | 11.17 115 | Pn | 13 00 31.4 -3.3 | |
| VLB | Vilhena | 12.06 43 | eP | 13 00 41.5 -1.8 | |
| AQDB | Aquidauana | 12.15 85 | eP | 13 00 43.1 -1.1 | |
| BO02 | Tierra Bellavi | 12.88 188 | Pn | 13 00 54.2 +0.5 | |
| TRCB | Tierra Rica | 14.81 96 | eP | 13 01 18.3 -0.3 | |
| PTGB | Pitang | 15.44 103 | eP | 13 01 26.5 0.0 | |
| ITAB | Itaboraite | 15.87 117 | eP | 13 01 31.1 -0.7 | |
| CPBS | Capacava Do Su | 15.97 125 | eP | 13 01 31.7 -1.4 | |
| PCMB | Pacambu | 16.13 92 | eP | 13 01 34.4 -0.6 | |
| PLTB | Pedras Altas | 16.53 129 | eP | 13 01 38.8 -1.1 | |
| CLDB | Colider | 16.54 50 | eP | 13 01 38.9 -1.1 | |
| ARAG | Araguaiana, MT | 17.09 71 | eP | 13 01 45.4 -1.2 | |
| ITRB | Iturama | 17.22 86 | eP | 13 01 47.3 -0.8 | |
| CNLB | Canela | 17.58 118 | eP | 13 01 50.9 -1.1 | |
| BR19B | Bebedouro | 18.72 91 | eP | 13 02 03.9 -0.6 | |
| PLCA | Paso Flores | 18.74 185 | P | 13 02 06.2 -0.2 | |
| PLCA | Paso Flores | 18.74 185 | P | 13 02 05.2 +0.6 | |
| SNDB | Serra Nova Dou | 19.32 62 | eP | 13 02 09.2 -1.9 | |
| IPMB | Ipameri, GO | 19.59 82 | eP | 13 02 12.6 -1.4 | |
| SPB | Sao Paulo | 19.60 99 | eP | 13 02 13.2 -0.8 | |
| NPGB | Novo Progresso | 19.62 43 | eP | 13 02 14.9 -2.4 | |
| PETO1 | Itanhém-SP | 19.76 101 | eP | 13 02 14.4 -1.3 | |
| VAO | Vinhinhos | 20.03 97 | eP | 13 02 17.2 -1.6 | |
| MACA | Manacapuru-AM | 20.26 23 | eP | 13 02 19.2 -2.0 | |
| BDFB | Brasilia | 20.50 76 | P | 13 02 21.7 -2.1 | |
| BDFB | Brasilia | 20.50 76 | P | 13 02 23.8 0.0 | |
| PARB | Parabuna | 21.26 98 | eP | 13 02 30.1 -1.9 | |
| ITTB | Itaituba | 21.53 37 | eP | 13 02 32.6 -2.3 | |
| BSCB | Bom Sucesso | 22.21 92 | eP | 13 02 40.9 -1.1 | |
| PTGA | Pitinga | 22.77 23 | P | 13 02 45.3 -2.2 | |
| VAS01 | Vassouras-RJ | 23.32 95 | eP | 13 02 51.5 -1.2 | |
| JANB | Januaria | 24.04 77 | eP | 13 02 57.5 -1.8 | |
| PRPB | Parauapebas | 24.05 52 | eP | 13 02 58.0 -1.3 | |
| SMTB | Santa Maria do | 24.08 60 | eP | 13 02 58.4 -1.2 | |
| MALE | Monte Alegre | 24.42 37 | eP | 13 03 02.3 -1.7 | |
| SDBA | SAO DESIDERIO | 24.55 71 | eP | 13 03 02.3 -1.7 | |
| MCPB | Macapa, AP</ | | | | |

Table with columns: KARY, comp=N, 1617µm, 0.2s, AML, AML, 13 25 55.9, etc. Lists astronomical observations with station names, coordinates, and times.

Table with columns: GOKA, THL, Klokotos Trika, 1.74 285, P, S, Sb, 13 26 11.5 +1.0, etc. Lists astronomical observations with station names, coordinates, and times.

Table with columns: NIED 16 13:26:30.4, 47:30N, 142:12E, h37km, MW4.4, Moment Tensor Solution, etc. Lists astronomical observations with station names, coordinates, and times.

BUL 16 13:26:29.9, 0.0, 47:07N, 142:12E, h16km, mB5.0/2.0, mb4.5/28, ML4.7/2, Ms4.9, Ms7.4/3.9

16d 14h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ELK, MOOV, TPH, AS31, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VNA2, VNA3, IDC 16 13:32:44.2, etc.

758

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DBIC, H10N2, H10N3, etc.

Table with columns: CTA, Charters Tower, 51.09 175, P, P, 14 56 50.6 +1.7, WB0, Warramunga Arr, 51.12 189, P, P, 14 56 48.0 -1.2, WR0, Warramunga Arr, 51.29 189, P, Iamb, Iamb, 14 56 49.0 -1.5, WRAB, Tennant Creek, 51.29 189, P, Iamb, Iamb, 14 56 48.7 -1.8, WB2, Warramunga Arr, 51.30 189, P, P, 14 56 49.6 -0.9, WRA, Warramunga Arr, 51.30 189, P, P, 14 56 49.9 -0.7, WRA, Warramunga Arr, 51.31 39, P, P, 14 56 48.7 -1.8, KDKA, Kodiak Island, 51.30 189, P, P, 14 56 51.0 +0.7, PPLK, Purkelype, 51.84 32, P, P, 14 56 56.0 +1.6, TOLK, Toolik Lake Re, 54.31 30, P, P, 14 57 12.4 +0.1, ILAR, Eielson Array, 54.31 30, P, P, 14 57 12.4 +0.1, AS31, Alice Springs, 55.02 189, P, P, 14 57 17.0 -1.0, ASAR, Alice Springs, 55.03 189, P, P, 14 57 17.4 -0.6, KKAR, Karatay Array, 56.62 304, P, P, 14 57 29.0 -0.3, KKAR, Karatay Array, 56.62 304, P, Iamb, Iamb, 14 57 29.5 +0.2, ABKAR, Akbulak array, 62.18 313, P, P, 14 58 07.5 -0.1, C36M, Paulatuk, 62.62 23, P, P, 14 58 11.1 +0.9, YOKA, Forrest, 62.97 193, P, P, 14 58 12.5 -0.3, Yellowknife Arr, 68.71 29, P, P, 14 58 50.0 +0.4, ARCES, ARCES Array B, 69.68 340, P, P, 14 58 56.8 +1.3, FINES, FINES Array B, 74.25 333, P, P, 14 59 23.2 +0.1, KBZ, Khabaz, 75.14 312, P, P, 14 59 27.7 -0.7, NVAR, Mina Array Bea, 78.21 52, P, P, 14 59 47.2 +0.9

IDC 16 14:50:21.3; 3.1, 5.42S; 153.29E, h0km, mb3.6/4, mb1 3.6/5, mb1mx3.5/31, mbtmp3.5/5, ML 1.7/1, Error ellipse: s-maj=53.8km s-min=24.9km az=81.0

ISC 16 14:50:27.4; 2.1, 5.45S; 0.08; 153.1E; 0.2, h35km, n6, c082/8, mb3.2/4, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, KRVT, Keravat (AS076), 1.59 316, Pn, Pn, 14 50 52.6 -0.4, KRVT, 65nm, 0.3s, baz=93, slow=19, SNR=7.5, Sn, Sn, 14 51 13.3 +0.8, KRVT, 2.219nm, 18.8s, baz=120, slow=49, LR, LR, 14 51 43.9, PMG, Port Moresby, 7.12 236, Pn, Pn, 14 52 10.1 +1.1, PMG, 0.7nm, 0.3s, baz=212, slow=7.8, SNR=3.0, Sn, Sn, 14 53 27.7 -1.0, WRA, Warramunga Arr, 23.28 230, P, P, 14 55 32.1 -0.1, ASAR, Alice Springs, 25.91, P, P, 14 55 56.1 -0.3, FITZ, Fitzroy Crossi, 29.66 243, P, P, 14 56 29.6 -0.3, MKAR, Makanchi Array, 81.04 319, P, P, 15 02 39.1 +0.2

IDC 16 15:02:33.6; 1.2, 3.66S; 3.03E, h0km, mb3.6/5, mb1 3.7/7, mb1mx3.5/36, mbtmp3.6/7, ML3.6/2, MS2.8/1, Ms1 2.9/1, ms1mx2.4/34, Error ellipse: s-maj=26.9km s-min=21.6km az=11.0

CRAAG 16 15:02:34.0; 36.47N; 3.05E, M3.6, NEIC 16 15:02:35.8; 1.9, 3.66S; 44N; 0.08; 3.01E; 0.04, h15km, 4km, mb4.0/5, ML3.5(A)G, Error ellipse: s-maj=11.2km s-min=4.8km az=174.0

MDD 16 15:02:36.2; 0.5, 3.66S; 44N; 3.06E, h12km, 9km, mb4.3/31, Error ellipse: s-maj=7.9km s-min=4.9km az=144.0, PRXIMO

LDG 16 15:02:36.7; 0.1, 3.66S; 45N; 3.06E, h10km, M3.2/17, Error ellipse: s-maj=3.3km s-min=2.3km az=156.0

ISC 16 15:02:36.2; 0.5, 3.66S; 45N; 3.02E; 0.03, h18km, n147, c197/23, mb4.1/7, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, ABMS, Bourmerdes, 0.39 69, P, P, 15 02 44.2 -0.1, ABMS, Bourmerdes, 0.39 69, P, P, 15 02 44.2 -0.1, ABMS, Bourmerdes, 0.39 69, P, P, 15 02 44.2 -0.1, EMHD, Djebel Mahouad, 0.41 188, P, P, 15 02 41.3 -3.5, EMHD, Djebel Mahouad, 0.41 188, P, P, 15 02 41.3 -3.5, ADJB, Djebel Djouab, 0.56 143, P, P, 15 02 44.3 -3.2, ADJB, Djebel Djouab, 0.56 143, P, P, 15 02 44.3 -3.2, EBNR, Beni Rached, 1.25 256, P, P, 15 02 57.1 -1.7, EBNR, Beni Rached, 1.25 256, P, P, 15 02 57.1 -1.7, ECHA, Ech Chief, 1.41 252, P, P, 15 02 58.7 -2.6, ECHA, Ech Chief, 1.41 252, P, P, 15 02 58.7 -2.6, ECHF, Ech Chief, 1.43 252, P, P, 15 02 58.0 -3.3, SET, Setif, 1.96 101, P, P, 15 03 13.0 +1.6, SET, Setif, 1.96 101, P, P, 15 03 13.0 +1.6, OKGL, Djebel Kef Gueu, 2.00 254, P, P, 15 03 08.0 -1.2, OKGL, 2.1nm, 0.1s, SNR=7.9, S, S, 15 03 38.4 +1.6, OKGL, 1um, 0.5s, SNR=7.9, S, S, 15 03 08.6 -0.6, OKGL, Djebel Kef Gueu, 2.00 254, P, P, 15 03 34.1 +0.3, DFRA, Djebel Bou Aff, 2.30 91, P, P, 15 03 12.1 -1.2, DFRA, Djebel Bou Aff, 2.30 91, P, P, 15 03 12.1 -1.2, EIBI, Ibiz, 2.75 332, P, P, 15 03 21.1 +1.6, EIBI, 41nm, 0.2s, SNR=4.8, S, Sn, 15 03 52.7 +0.3, EIBI, Ibiz, 2.75 332, P, P, 15 03 21.3 +1.8, CASM, Ain Smara, 2.82 96, P, P, 15 03 19.8 -0.6, CASM, Ain Smara, 2.82 96, P, P, 15 03 19.8 -0.6, ETOS, Mallorca, 1.36 357, P, P, 15 03 26.9 +1.8, ETOS, 1.3nm, 0.1s, SNR=22, S, Sn, 15 04 01.7 -0.6, ETOS, 38nm, 0.7s, S, Sn, 15 03 26.9 +1.8, EBEN2, Beniarda presa, 3.28 310, P, P, 15 03 27.5 +0.7, EBEN2, 5.2nm, 0.2s, SNR=7.9, S, Sn, 15 04 04.2 -1.1, EBEN2, 17nm, 0.2s, SNR=7.9, S, Sn, 15 03 28.1 +1.4, EBEN2, Beniarda presa, 3.28 310, P, P, 15 04 05.2 -0.1, CART, Cartagena, 3.36 288, eP, Sn, 15 03 25.3 -2.5, CART, Cartagena, 3.36 288, eP, Sn, 15 04 04.3 -2.9, CART, Cartagena, 3.36 288, Pn, Pn, 15 03 27.1 -0.7, MAHO, Mahon, 3.42 16, eP, Sn, 15 03 30.4 +1.7, MAHO, Mahon, 3.42 16, eP, Sn, 15 04 07.1 -1.7, AFON, Font Roja, 3.50 307, P, P, 15 03 32.2 +2.4, AFON, 1.8nm, 0.1s, SNR=7.9, S, Sn, 15 04 10.9 +0.1, AFON, 10nm, 0.2s, SNR=7.9, S, Sn, 15 03 31.9 +2.1, AFON, Font Roja, 3.50 307, P, P, 15 04 10.9 +0.1, EMUR, La Murta, 3.62 291, P, P, 15 03 32.1 +0.7, EMUR, 5.1nm, 0.2s, SNR=9.8, S, Sn, 15 04 12.5 -1.2, EMUR, 9.2nm, 0.2s, S, Sn, 15 03 32.4 +1.0, EMUR, La Murta, 3.62 291, P, P, 15 04 12.7 -1.0, ETOB, Tobarra, 4.16 301, P, P, 15 03 40.3 +1.4, ETOB, 1.4nm, 0.1s, SNR=41, S, Sn, 15 04 26.8 -0.2, ETOB, 1.7nm, 0.1s, SNR=7.9, S, Sn, 15 03 40.3 +1.4, ETOB, Tobarra, 4.16 301, P, P, 15 03 40.3 +1.4, ENIJ, Nijar, 4.21 276, P, P, 15 03 40.1 +0.5, ENIJ, 1.3nm, 0.1s, SNR=7.9, S, Sn, 15 04 24.1 -4.2, ENIJ, 17nm, 0.3s, SNR=7.9, S, Sn, 15 04 25.7 -2.6

Table with columns: ECH, Chera, 4.33 315, P, Pn, 15 03 43.3 +2.1, ECH, Chera, 7.3nm, 0.2s, SNR=7.9, S, Sn, 15 04 30.8 -0.5, ECH, Mosqueruela, 4.33 315, P, Pn, 15 03 42.9 +1.7, ECH, Mosqueruela, 4.64 325, P, Pn, 15 03 47.5 +1.9, EMOS, Mosqueruela, 4.64 325, S, Sn, 15 04 39.1 0.0, EMOS, Mosqueruela, 4.64 325, S, Sn, 15 03 47.5 +1.9, EMOS, Mosqueruela, 4.64 325, S, Sn, 15 04 39.4 +0.2, SESP, Santiago Espad, 4.69 290, P, Pn, 15 03 48.1 +1.9, SESP, Santiago Espad, 4.69 290, P, Pn, 15 04 39.6 -0.6, SESP, Santiago Espad, 4.69 290, P, Pn, 15 03 47.9 +1.7, SESP, Santiago Espad, 4.69 290, P, Pn, 15 04 40.0 -0.1, EBER, Berja, 4.76 275, P, Pn, 15 03 47.0 -0.2, EBER, Berja, 2.0nm, 0.2s, SNR=6.8, S, Sn, 15 04 39.5 -2.5, EBER, Berja, 4.76 275, Pn, Pn, 15 03 47.0 -0.2, EBER, Berja, 4.76 275, Pn, Pn, 15 03 47.0 -0.2, EBER, Berja, 4.76 275, Pn, Pn, 15 03 47.0 -0.2, TAF, Taforait, 4.77 250, P, S, 15 03 45.9 -0.4, TAF, Taforait, 4.77 250, P, S, 15 03 45.9 -0.4, ERTA, Horta de San J, 4.82 335, P, S, 15 03 50.5 +2.5, ERTA, Horta de San J, 4.82 335, P, S, 15 04 42.5 -0.9, ERTA, Horta de San J, 4.82 335, Pn, Pn, 15 03 50.2 +2.3, ERTA, Horta de San J, 4.82 335, Pn, Pn, 15 04 43.1 -0.2, EPOB, Poblet, 4.97 343, P, S, 15 03 51.6 +1.5, EPOB, Poblet, 0.8nm, 0.1s, SNR=7.9, S, Sn, 15 04 44.8 -2.3, EPOB, Poblet, 0.1nm, 0.5s, SNR=7.9, Pn, Pn, 15 03 51.5 +1.5, EPOB, Poblet, 4.97 343, Pn, Pn, 15 04 46.8 -0.3, EQES, Quesada, 5.01 286, P, Pn, 15 03 52.9 +2.3, EQES, Quesada, 5.01 286, S, Sn, 15 04 48.6 +0.5, EQES, Quesada, 5.01 286, Pn, Pn, 15 03 53.2 +2.6, EQES, Quesada, 5.01 286, Pn, Pn, 15 03 53.2 +2.6, JBK, JBK, 5.09 245, P, S, 15 04 48.4 -2.0, JBK, JBK, 5.09 245, P, S, 15 03 54.3 +1.7, CFON, Fontmartina, 5.17 355, P, S, 15 04 48.9 -3.0, CFON, Fontmartina, 5.17 355, Pn, Pn, 15 03 54.4 +1.7, CFON, Fontmartina, 5.17 355, Pn, Pn, 15 04 49.2 -2.7, KEST, Kesra, 5.19 98, Pn, Pn, 15 03 54.2 +1.2, KEST, Kesra, 0.6nm, 0.3s, baz=280, slow=19, SNR=15, S, Sn, 15 04 52.6 +0.2, KEST, Kesra, 5.19 98, Pn, Pn, 15 03 53.9 +0.9, EQU, Qentar, 5.21 278, P, S, 15 03 53.2 -0.1, EQU, Qentar, 0.2nm, 0.1s, SNR=5.2, S, Sn, 15 04 50.4 -2.7, ELGU, Los Guajares, 5.35 275, P, Pn, 15 03 55.0 -0.1, ELGU, Los Guajares, 1.1nm, 0.1s, SNR=7.9, S, Sn, 15 04 53.4 -3.0, ELGU, Los Guajares, 5.35 275, Pn, Pn, 15 03 55.4 +0.2, ELGU, Los Guajares, 5.35 275, Pn, Pn, 15 04 53.2 -3.1, EMIR, Miracle, 5.42 348, P, S, 15 03 59.3 +3.0, EMIR, Miracle, 18nm, 0.2s, SNR=14, S, S, 15 03 59.5 -0.7, EMIR, Miracle, 5.42 348, Pn, Pn, 15 03 59.5 +3.3, EMIR, Miracle, 5.42 348, Pn, Pn, 15 04 58.3 +0.1, TDRA, Tendrara, 5.47 231, P, S, 15 03 57.2 +0.2, TDRA, Tendrara, 5.47 231, P, S, 15 04 56.0 -3.6, FIGM, Figuig, 5.70 220, P, S, 15 03 60.0 -0.1, FIGM, Figuig, 5.70 220, P, S, 15 05 02.1 -3.1, EGOR, Sierra Gorda, 5.74 277, P, S, 15 04 03.1 +2.4, EGOR, 0.3nm, 0.1s, SNR=7.9, S, Sn, 15 05 04.5 -1.7, ETOR, Torete, 5.78 318, P, Pn, 15 04 04.0 +2.8, ETOR, 6.7nm, 0.2s, SNR=8.8, S, Sn, 15 05 11.3 +4.3, VSL, Villasalto, 5.78 58, Pn, Pn, 15 04 00.8 -0.3, EJON, La Jonquera, 5.83 359, P, Pn, 15 04 04.3 +2.5, EJON, 2.2nm, 0.1s, SNR=7.9, S, Sn, 15 05 04.9 -3.3, EJON, La Jonquera, 5.83 359, Pn, Pn, 15 04 04.0 +2.2, SJAF, Saint Jean de, 5.87 359, P, Pn, 15 04 03.9 +1.6, SJAF, 1.4nm, 0.2s, SNR=7.9, S, Sn, 15 05 08.1 -0.9, SJAF, Saint Jean de, 5.87 359, Pn, Pn, 15 04 03.9 +1.6, CLLI, Llivia, 5.92 352, P, Pn, 15 04 05.9 +2.8, CLLI, 1.9nm, 0.2s, SNR=12, S, Sn, 15 05 09.2 -1.2, CLLI, Llivia, 5.92 352, Pn, Pn, 15 04 06.5 +3.4, CSOR, Sort, 5.94 346, P, S, 15 04 06.2 +2.9, CSOR, Sort, 2.1nm, 0.2s, SNR=7.8, S, Sn, 15 05 10.6 -0.4, CSOR, Sort, 5.94 346, Pn, Pn, 15 04 06.4 -3.0, CSOR, Sort, 5.94 346, Pn, Pn, 15 05 10.6 -0.4, AKLM, AKL, 5.99 252, P, S, 15 04 04.7 +0.7, AKLM, AKL, 5.99 252, P, S, 15 05 08.7 -3.5, EADA, Adamuz, 6.25 287, P, S, 15 04 07.7 +0.2, EADA, 0.7nm, 0.2s, SNR=7.9, S, Sn, 15 05 15.9 -2.6, EADA, Adamuz, 6.25 287, Pn, Pn, 15 04 07.7 +0.2, EADA, Adamuz, 6.25 287, Pn, Pn, 15 05 15.9 -2.6, Sonseca Array, 6.30 301, Pn, Pn, 15 04 09.2 +1.0, Sonseca Array, 6.30 301, Pn, Pn, 15 04 09.2 +1.0, ESDC, 0.5nm, 0.3s, baz=115, slow=12, SNR=9.0, S, Sn, 15 05 20.7 +1.0, ESDC, 0.2nm, 0.3s, baz=117, slow=24, SNR=3.3, LR, LR, 15 06 30.6, ESDC, Sonseca Array, 6.30 301, Pn, Pn, 15 04 09.2 +1.0, ESDC, Sonseca Array, 6.30 301, Pn, Pn, 15 04 09.2 +1.0, ESDC, Sonseca Array, 6.30 301, Pn, Pn, 15 05 18.4 -1.4, ESDC, Sonseca Array, 6.30 301, Pn, Pn, 15 04 09.2 +1.0, ESDC, Sonseca Array, 6.30 301, Pn, Pn, 15 05 18.2 -1.5, ECHI, Chisagues Biel, 6.43 341, P, Pn, 15 04 12.3 +2.2, ECHI, 2.6nm, 0.3s, SNR=7.9, S, Sn, 15 05 22.3 -0.8, PAB, San Pablo, 6.51 299, P, Pn, 15 04 12.2 +1.0, PAB, 2.2nm, 0.3s, SNR=7.9, S, Sn, 15 05 22.4 -2.6, PAB, San Pablo, 6.51 299, Pn, Pn, 15 04 12.3 +1.1, PAB, San Pablo, 6.51 299, Pn, Pn, 15 05 23.2 -1.8, HORN, Hornachuelos, 6.72 283, P, Pn, 15 04 16.0 +1.9, EPF, Esparrós, 6.74 343, ePn, Pn, 15 04 20.5 +6.3, EPF, Esparrós, 6.74 343, ePn, Pn, 15 04 20.5 +6.3, MTLF, Montoliu, 6.75 355, ePn, Pn, 15 04 15.4 +1.0, MTLF, Montoliu, 6.75 355, ePn, Pn, 15 04 07.7 +6.3, MTLF, Montoliu, 6.75 355, ePn, Pn, 15 05 28.2 -2.6, ETSF, Etsaut, 6.86 337, ePn, Pn, 15 04 17.3 +1.4, ETSF, Etsaut, 6.86 337, ePn, Pn, 15 04 22.0 +6.1, ETSF, Etsaut, 6.86 337, ePn, Pn, 15 05 31.3 -2.3, ECAB, El Cabril, 6.88 285, P, Pn, 15 04 16.1 -0.1, ECAB, 0.1nm, 0.1s, SNR=7.1, S, Sn, 15 05 31.6 -2.6, ECAB, El Cabril, 6.88 285, Pn, Pn, 15 05 16.1 -0.1, ECAB, El Cabril, 6.88 285, Pn, Pn, 15 05 16.1 -0.1, GUD, Guadarrama, 6.91 308, P, Pn, 15 04 18.8 +2.0, GUD, 3.4nm, 0.3s, SNR=7.9, S, Sn, 15 05 33.5 -1.5, GUD, Guadarrama, 6.91 308, P, Pn, 15 04 18.8 +2.0, ATE, Arette, 7.07 337, P, S, 15 04 22.2 +3.4, ATE, 2.0nm, 0.2s, SNR=7.9, S, Sn, 15 05 38.0 -0.7, ATE, Arette, 7.07 337, S, Sn, 15 05 38.0 -0.7

Table with columns: EORO, Oroz-Betelu, 7.11 333, P, Pn, 15 04 22.0 +2.7, EORO, 1.8nm, 0.2s, SNR=7.9, S, Sn, 15 05 39.1 -0.6, LMR, La Mourne, 7.23 21, ePn, Sn, 15 05 21.9 +1.0, LMR, La Mourne, 7.23 21, ePn, Sn, 15 04 46.0 -1.9, SJPF, Ste Jean, 7.27 335, ePn, Pn, 15 04 22.4 +0.9, SJPF, Ste Jean, 7.27 335, ePn, Pn, 15 05 40.8 -2.8, MDT, Middelt, 7.33 241, P, Pn, 15 04 21.6 -0.9, MD31, MD31, 7.41 242, P, Pn, 15 04 23.3 -0.3, EALK, Alkurruntz, 7.46 334, P, Pn, 15 04 25.3 +1.0, EALK, 1.5nm, 0.2s, SNR=7.9, S, Sn, 15 05 46.2 -2.2, EALK, Alkurruntz, 7.46 334, Pn, Pn, 15 04 25.3 +1.0, EALK, Alkurruntz, 7.46 334, Pn, Pn, 15 05 45.6 -2.8, FRF, La Foret Royal, 7.48 21, ePn, Sn, 15 04 25.1 +0.8, FRF, La Foret Royal, 7.48 21, ePn, Sn, 15 05 46.4 -2.2, LASF, Ste Croix, 7.49 5, ePn, Pn, 15 04 25.6 +1.1, LASF, Ste Croix, 7.49 5, ePn, Pn, 15 04 30.6 +6.1, LASF, Ste Croix, 7.49 5, ePn, Pn, 15 05 45.6 -2.8, LASF, Ste Croix, 7.49 5, ePn, Pn, 15 05 45.6 -2.8, PGF, Pioggiola, 7.51 36, ePn, Pn, 15 04 25.6 +0.7, PGF, Pioggiola, 7.51 36, ePn, Pn, 15 05 47.0 -2.7, SMRF, Simiane la Rot, 7.61 14, ePn, Sn, 15 04 27.9 +1.7, SMRF, Simiane la Rot, 7.61 14, ePn, Sn, 15 05 49.1 -2.9, EMIN, Mina Concepcio, 7.83 281, P, Pn, 15 04 29.4 +0.2, EMIN, Mina Concepcio, 0.8nm, 0.2s, SNR=7.9, S, Sn, 15 05 53.3 -3.9, EMIN, Mina Concepcio, 7.83 281, Pn, Pn, 15 04 28.8 -0.3, EMIN, Mina Concepcio, 7.83 281, Pn, Pn, 15 04 32.2 +0.8, SBF, Sospel, 7.99 24, ePn, Sn, 15 05 58.8 -2.6, ELAN, Lanestosa, 8.27 325, P, Pn, 15 04 39.2 +4.0, CORL, Corleone, 8.30 78, Pn, Pn, 15 04 37.4 +1.7, VIVF, Saint-Julien-l'Yvif, 8.33 8, ePn, Pn, 15 04 36.9 +0.8, VIVF, Saint-Julien-l'Yvif, 8.33 8, ePn, Pn, 15 06 05.7 -4.0, Calviac, 8.34 355, ePn, Sn, 15 06 07.1 -2.8, ORIF, Oris-en-Rattie, 8.58 14, ePn, Pn, 15 04 40.9 +1.4, ORIF, Oris-en-Rattie, 8.58 14, ePn, Pn, 15 06 12.5 -3.3, MBDF, Montbardon, 8.59 18, ePn, Pn, 15 04 40.8 +1.0, MBDF, Montbardon, 8.59 18, ePn, Pn, 15 04 46.3 +6.5, MBDF, Montbardon, 8.59 18, ePn, Pn, 15 06 13.1 -3.2, CASP, Castiglione de, 8.64 42, Pn, Pn, 15 04 41.4 +1.1, SSB, Saint Sauveur, 8.74 7, Pn, Pn, 15 04 44.3 +2.6, BNI, Bardonecchia, 8.88 17, Pn, Pn, 15 04 44.3 +0.6, MSSA, Maissana, 9.15 31, Pn, Pn, 15 04 49.4 +2.0, EARI, Arriondas, 9.20 319, P, Pn, 15 04 51.5 +3.5, EARI, Arriondas, 9.20 319, P, Pn, 15 04 50.2 +1.4, ECAL, Calabor, 9.25 308, P, Pn, 15 04 50.2 +1.4, ECAL, Calabor, 2.6nm, 0.2s, SNR=7.9, S, Sn, 15 04 50.2 +1.4, LPG, La Plagne, 9.31 16, ePn, Pn, 15 04 50.8 +1.0, LPG, La Plagne, 9.31 16, ePn, Pn, 15 04 56.5 +6.7, LPL, La Plagne, 9.33 16, ePn, Pn, 15 06 31.1 -3.1, LPL, La Plagne, 9.33 16, ePn, Pn, 15 04 50.9 +1.0, LPL, La Plagne, 9.33 16, ePn, Pn, 15 04 56.8 +6.9, LPL, La Plagne, 9.33 16, ePn, Pn, 15 06 31.2 -3.2, GERES, GERES Array B, 14.51 29, Pn, Pn, 15 06 04.1 +3.4, GERES, GERES Array B, 14.51 29, Pn, Pn, 15 06 04.1 +3.4, DIVS, Divibare, 14.93 55, Pn, Iamb, Iamb, 15 06 07.8 +1.4, DIVS, Divibare, 14.93 55, Pn, Iamb, Iamb, 15 06 07.8 +1.4, KWP, Kalwaria Paca, 19.31 41, Iamb, P, 15 07 01.9 +1.7, KWP, Kalwaria Paca, 19.31 41, Iamb, P, 15 07 02.0, KARP, Karpathos, 19.53 86, P, P, 15 07 03.9 +1.1, BURAR, Buovinci Array, 19.73 49, Pn, P, 15 07 06.7 +2.7, TORD, Torodi Arr. Bea, 23.39 163, P, P, 15 07 43.1 -1.0, AKASG, Malin Array Be, 23.46 45, P, P, 15 07 43.5 -1.0, GEYT, Alibek, 43.32 71, P, P, 15 11 36.4 -0.7, KKAR, Karatay Array, 50.95 61, P, P, 15 11 38.5 +1.9, KKAR, Karatay Array, 50.96 61, P, P, 15 11 38.6 +1.9, ZALV, Zalesovo Beam, 56.85 44, P, P, 15 12 20.2 +0.7, ZALV, 2.2nm, 0.7s, baz=309, slow=9.1, SNR=5.0, P, P, 15 12 20.2 +0.7, MKAR, Makanchi Array, 57.50 53, P, P, 15 12 26.3 +0.6, WMQ, Urumqi, 62.37 54, eP, P, 15 13 01.4 +3.6, ULM, Lac du Bonnet, 67.95 57, P, P, 15 13 34.6 +0.8, LZH, Lanzhou, 76.95 55, eP, P, 15 14 27.6 -0.3, LZH, Lanzhou, 76.95 55, eP, P, 15 14 31.0 -2.9, LZH, Lanzhou, 76.95 55, eP, P, 15 14 32.5 -3.5, LZH, Lanzhou, 76.95 55, eP, P, 15 17 21.8 +1.1, LZH, Lanzhou, 76.95 55, eP, P, 15 17 21.8 +1.1, HHC, Hu-ho-hao-te, 78.88 47, eP, P, 15 14 39.5 +1.0, HHC, 2.0nm, 0.8s, SNR=1.2s, Pmax, Pmax, HHC, 2.0nm, 0.8s, SNR=1.2s, Pmax, Pmax, HHC, 2.0nm, 0.8s, SNR=1.2s, Pmax, Pmax, HHC, 2.0nm, 0.8s, SNR=1.2s, Pmax, Pmax, SJA 16 15:15:15.3; 0.7, 20.52S; 69.23W, h91km, 3km, ML4.0, MW4.0, IDC 16 15:15:16.9; 1.5, 20.49S; 69.06W, h102km, 17km, mb3.3/4, mb1 3.8/7, mb1mx3.5/27, mbtmp3.8/7, Error ellipse: s-maj=31.6km s-min=15.2km az=98.0, GUC 16 15:15:16.7; 0.7, 20.52S; 69.16W, h87km, 2km, ML4.0, ISC 16 15:16:10.8; 20.50S; 0.02; 69.24W; 0.05, h87km, 5km, n61, c162/91, mb3.5/4, 9C-6D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, PB08, IPOC Station P, 0.37 12, P, Pn, 15 15 30.3 +0.1, PB08, IPOC Station P, 0.37 12, P, Pn, 15 14 41.4 +0.

16d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like W39A Magazine, W39A W39A, W39A Magazine, W39A Bolivar, W39A J Bar K, Exete, W39A Kaye Shedlock, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ABRA MACP Maragondon, Ca, MACP Brgy, Tapao, MACP CAUP, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MHMT Maesarieng, MSAI Masohi, BKSI Bukum, etc.

MOS 16 17:06:39.6, 0.9, 15.98N; 120.02E, h61km, mb4.9/18, Error ellipse: s-maj=9.8km, s-min=5.3km, az=105.0
MAN 16 17:06:40.3, 1.6, 0.77N; 119.79E, h25km, mb5.3, ML4.4, MS4.4
MAN Intensity IV - Alaminos, Pangasinan; Intensity III - Angeles and Clark Pampanga; Bolinao, Pangasinan; Intensity II - San Fernando, La Union; Intensity I - Quezon City; Pasay City; Makati City.
NEIC 16 17:06:41.2, 1.6, 16.00N; 07.120.07E, h57km, 6km, mb5.0/95, Error ellipse: s-maj=12.7km, s-min=9.9km, az=91.0
KLM 16 17:06:42.0, 16.08N; 119.93E, h66km, mb4.9
BUJ 16 17:06:43.0, 0.0, 16.13N; 120.02E, h69km, mb4.8/28, mb4.4/41, MS4.4/17, MS7.4/11/6
IDC 16 17:06:45.2, 2.5, 15.39N; 120.12E, h98km, 22km, mb4.1/23, mb1.4/3/24, mb1mx4.1/37, mb1mx4.5/24, MS3.8/15, ms1.3/15, ms1mx3.5/34, Error ellipse: s-maj=16.6km, s-min=9.1km, az=69.0
ISC 16 17:06:42.3, 0.6, 16.05N; 003.119.98E, 0.04, h63km, 6km, n336, r185/352, mb4.8/100, 24C-15D, Luzon

Code Station Name Az Az' Phase ID Time Res
BOLP Bolinao 0.34 349 Op ISC h m s ISC
BOLP Bolinao 0.34 349 Op Pn 17 06 49.7 -3.3 P
SMPP San Manuel, Pa 0.68 81 eS Pn 17 06 56.3 -4.6 P
SMPP Quezon City-P 1.73 145 eS Pn 17 07 11.7 +1.5 S
QVP QVP eS Pn 17 07 36.2 +5.0 S
ABRA Dolores 1.74 24 eP Pn 17 07 09.7 -0.6 P

16d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LTZ Lake Taylor, CTA Charters Tower, CTAO Charters Tower, etc.

CNRM 16 17:44:29.3, 1.5, 36.13N, 8.10W, h88km, 34km, Error ellipse: s-maj=17.7km s-min=9.3km az=110.0
MDD 16 17:44:33.9, 1.1, 36.20N, 7.89W, h20km, mBL2, Q3/10, Error ellipse: s-maj=11.3km s-min=5.6km az=21.0, PRXIMO

SFS 16 17:44:34.0, 36.17N, 7.94W, h50km, ML3.4, GOLFO DE CADIZ

INMG 16 17:44:34.7, 0.9, 36.14N, 7.97W, h31km, ML1.9, Error ellipse: s-maj=3.0km s-min=2.3km az=41.0

IGIL 16 17:44:34.3, 36.16N, 7.99W, h22km, ML1.8

ISC 16 17:44:30.7, 3.36, 36.28N, 0.08, 7.79W, 0.04, h4km, 16km, n48, c127/79, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PBDV Barranco-do-Ve, PVAQ Vaqueiros, PVAO Vaqueiros, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PESTR Ei Cabril, ECAB Ei Cabril, PMTG Montargil, etc.

IDC 16 17:59:46.9, 3.3, 3.64S, 143.67E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.3/27, mbmtmp3.3/4, ML3.1/1, Error ellipse: s-maj=96.7km s-min=26.3km az=101.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

IDC 16 18:06:39.6, 1.7, 43.66N, 105.42W, h0km, mb4.3/1, mb1 3.8/6, mb1mx3.5/43, mbmtmp3.5/6, ML3.1/4, MS3.3/2, Ms1 3.3/2, ms1mx2.7/45, Error ellipse: s-maj=50.0km s-min=8.3km az=150.0

NEIC 16 18:06:40.9, 1.3, 43.68N, 0.05, 105.24W, 0.04, h0km, 2km, ML3.0/73, Error ellipse: s-maj=9.5km s-min=3.0km

ISC 16 18:06:39.8, 0.9, 43.67N, 0.05, 105.28W, 0.05, h0km, n84, c1541/83, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSSD Black Hills, PWHY Pilot Hill, RWWY Rawlins, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECR Eagle Creek, QLMT Earthquake Lak, SUSD Miller, etc.

IDC 16 18:09:18.6, 2.2, 48.61S, 107.16E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/22, mbmtmp3.6/4, MS3.2/2, Ms1 3.2/2, ms1mx2.7/25, Error ellipse: s-maj=82.6km s-min=23.5km az=118.0, Southeast Indian Ridge

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

IDC 16 18:11:04.6, 1.6, 6.61S, 130.54E, h0km, mb3.6/1, mb1 3.2/3, mb1mx3.1/26, mbmtmp3.1/23, ML2.9/2, Error ellipse: s-maj=121.8km s-min=10.6km az=71.0, Banda Sea

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

IDC 16 18:21:45.4, 1.7, 52.29N, 170.26E, h0km, mb3.8/11, mb1 4.1/12, mb1mx3.7/61, mbmtmp3.9/12, ML3.1/7, MS3.0/1, Ms1 3.1/1, ms1mx2.3/55, Error ellipse: s-maj=53.0km s-min=17.0km az=3.0

MOS 16 18:21:46.1, 0.6, 52.08N, 170.13E, h25km, mb4.6/6, Error ellipse: s-maj=9.8km s-min=4.8km az=41.9

NEIC 16 18:21:48.2, 1.4, 52.3N, 0.1, 170.17E, 0.08, h21km, 5km, mb4.7/40, Error ellipse: s-maj=21.4km s-min=5.8km az=169.0

KRSC 16 18:21:51.3, 1.6, 52.26N, 169.22E, h23km, 76km, ML4.5

ISC 16 18:21:49.1, 0.6, 52.07N, 0.06, 169.95E, 0.05, h35km, n139, c216/196, mb4.6/31, South of Australia Islands

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, Time, Res, h, m, s, ISC. Includes stations like SMY Shemya, Bering, Bering, etc.

16d 18h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRBS Karabastau, ANVS Anan'yevo, CHMS Chumysh, etc.

2014 DEC

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AML Almayashu, MNBS Baschi, UZB Uzynbulak, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES ARCESS Array B, NOA NORSTAR Array B, ILAR Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TIRR, TLBR, HARR, CFR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL 17 00:26:08.1, 42'S, 127'E, etc.

IDC 17 00:43:04.7, 1.4, 3.74N, 123.35E, h0km, mb3.5, mb1 4.1/5, mb1mx3.734, mbtmp3.9/5, MS2.9/1, Ms1 2.9/1, m1mx2.3/45, Error ellipse: s-maj=136.3km s-min=19.1km az=67.0.

NEIC 17 00:43:06.2, 2.0, 2.4N, 121.8E, 0.2, h554km, 10km, mb4.3/20, Error ellipse: s-maj=27.7km s-min=14.1km az=66.0.

ISC 17 00:43:56.5, 0.7, 2.42E, 109.5N, 121.8E, 0.2, h559km, m31, r113/31, mb4.0/12, Celebes Sea

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TOL2, KAPI, MTN, KNRA, etc.

IDC 17 01:04:35.4, 0.4, 2.74N, 99.01E, h176km, 5km, mb3.3/11, mb1 3.5/11, mb1mx3.2/46, mbtmp3.8/11, Error ellipse: s-maj=30.6km s-min=12.2km az=52.0.

DJA 17 01:04:36.4, 0.5, 3.7N, 9.9E, h165km, 5km, M3.5/9, MLV3.5/9

ISC 17 01:04:35.9, 0.7, 2.81N, 0.07, 99.04E, 0.07, h179km, 5km, n18, r0676/27, mb3.6/11, Northern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PSI, TSI, TPTI, etc.

ARCES ARCESS Array B 81.65 340 P P 01 16 33.7 +0.0

GERES GERES Array B 84.83 319 P P 01 16 51.2 +0.7

WEL 17 01:13:33.4, 0.8, 45.5S, 167.7E, h5km, 3km, M3.3/10, ML3.5/10, MLV3.0/10, Error ellipse: s-maj=0.0km s-min=0.0km az=124.2, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSZ, DCZ, MLZ, etc.

IDC 17 01:15:38.8, 3.6, 46.92N, 150.84E, h170km, 33km, mb3.3/11, mb1 3.5/12, mb1mx3.2/50, mbtmp3.7/12, Error ellipse: s-maj=20.3km s-min=16.8km az=139.0.

ISC 17 01:15:38.3, 0.9, 46.93N, 151.50E, 0.2, h166km, n23, r1507/14, mb3.5/11, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PETK, SEY, H1N2, etc.

SEA 17 01:18:53.7, 1.6, 43.12N, 0.03, 124.86W, 0.05, h31km, 7km, az=114.0, Error ellipse: s-maj=5.1km s-min=4.4km

PNSN 17 01:18:53.7, 4.3, 12N, 124.86W, h31km, MD2.6, ML3.0, ML2.9, ML2.9

ANF 17 01:18:54.4, 1.0, 4.3, 14N, 124.72W, h19km, 6km, ML2.8/10, ML2.9/10, Error ellipse: s-maj=4.9km s-min=3.2km az=89.0.

NEIC 17 01:18:51.7, 1.7, 43.09N, 0.04, 124.95W, 0.09, h15km, 7km, Error ellipse: s-maj=10.1km s-min=5.2km az=76.0, Near coast of Oregon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KEBM, J01E, K02D, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like J05D, K05A, PINE, etc.

NNC 17 01:20:24.8, 3.4, 37.45N, 69.98E, h0km, mb3.6, mpv3.3, 4C, Error ellipse: s-maj=36.6km s-min=25.7km az=141.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KK31, AAK, TKM2, etc.

PGC 17 01:27:14.7, 0.4, 50.40N, 130.15W, h10km, MLSn3.2/18, Mw3.8/18, 195km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 17 01:27:20.6, 1.8, 50.67N, 129.37W, h0km, mb3.5/2, mb1 3.7/5, mb1mx3.4/32, mbtmp3.5/5, ML3.3/3, MS3.2/4, mb1 3.2/4, m1mx2.8/30, Error ellipse: s-maj=25.2km s-min=17.8km az=89.0.

ISC 17 01:27:14.5, 2.2, 50.52N, 0.06, 130.01W, h0.63km, 13km, n54, r163/56, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HOLB, PHC, MAYB, etc.

NEW 17 01:37:14.1, 40.45N, 70.83E, h10km

YKA 17 01:37:16.4, 1.8, 40.48N, 70.95E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=13.5km s-min=6.2km az=21.0.

ISC 17 01:37:14.5, 1.3, 40.43N, 0.03, 70.85E, 0.04, h6km, 12km, n15, r195/27, 11C-BD, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTk, BTK, TRKS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, Time, Location, and other details. Includes entries like V48A Smith Brothers, S56A Natural Bridge, R58B Mineral, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, Time, Location, and other details. Includes entries like AMTX Amarillo, J59A Plesco, J56A Wolcott, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date, Time, Location, and other details. Includes entries like BW06 Boulder Array, PDAR Pinedale Array, P3AR Pinedale Array, etc.

DJA 17 02:19:24.7±0.6, 0°N 3°11'19"E, h16km, 4km, M4, 9/17, mB5.2/4, mb5.0/6, MLv4.9/17, Mw(m)B)4.5/4
BUJ 17 02:19:26.6±0.0, 0°19'N, 119°27'E, h47km, mB5.2/22, mb4.7/36, Ms4.6/3, Ms7.4/32
NEIC 17 02:19:27.0±1.6, 0°31'N, 0°06'119.59E±0.06, h46km, 6km, mb4.8/51, Error ellipse: s-maj=8.7km s-min=8.3km

IDC 17 02:19:28.9±3.2, 0°28'N, 119°66'E, h59km, 30km, mb4.2/19, mb1.4/4/21, mb1mx1.4/1, mbtmp4.5/21, ML4.4/2, MS3.6/24, Ms1.3/6/24, ms1mx3.5/40, Error ellipse: s-maj=19.0km s-min=10.5km az=57.0

ISC 17 02:19:26.0±0.3, 0°26'N, 0°04'119.57E±0.03, h34km, n181, 1°10'182, mb4.7/46, MS3.7/21, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, s, ISC. Includes entries like MP5I Mapaga, TOL12 Tolitoli, SG2K Sangatta, Kali, etc.

Table with columns: MKAR, Makanchi Array, 8.05 204, Pn, Pn, 06 04 51.7 +0.3, etc.

NEIC 17 06:10:05.7, 3.83S:100.15E, h6km, Moment Tensor Solution. Moment tensor: Scale 0.17Nm, M1:0.36; M2:0.31; M3:0.68; M4:0.73; M5:0.17; M6:0.70; Fault plane solution: M1: 38.0000°; NP1: 38.9000°; ...

NEIC 17 06:10:05.7, 2.5, 3.83S:0.05E:100.14E, 0.05, h10km, m5, 8/125, Ms 20.6, 7.0, Mw6.0/53, Mw5.9, Mw5.9(GCMT). Error ellipse: s-maj=9.5km s-min=7.2km az=146.0

IDC 17 06:10:05.0, 5.4, 3.75S:100.25E, h0km, m5, 8/95, mb1.5/141, Mw5.9/48, mb1.5/94, mb1.5/94, ML, 4.62, MS, 6.3/36, Ms1.5/636, ms1mx5.5/46, Error ellipse: s-maj=13.7km s-min=9.0km az=50.0

BUJ 17 06:10:07.0, 0.0, 3.70S:100.40E, h10km, m6, 3/77, mb5.5/75, Ms6.5/94, Ms7.6/48.5

MOS 17 06:10:07.3, 1.0, 3.70S:100.26E, h23km, m5, 8/67, MS5.8/28, Error ellipse: s-maj=7.4km s-min=3.9km az=113.9

DJA 17 06:10:08.6, 0.5, 4.1S:110.0E, h28km, 4km, M5, 8/95, mb6.2/91, mb5.5/95, MLV5.9/30, Mw(mB)5.9/91, Mwps.8/75

GCMT 17 06:10:09.7, 0.1, 4.04S:0.01E:99.94E:0.01, h15km, Mw5.8/142, Moment Tensor Solution: s142.0264; s142.0401; Duration: 19; Moment tensor: Scale 1017 Nm; M1: 3.83E:05; M2: 2.39E:04; M3: 1.45E:04; M4: 3.18E:10; M5: 1.85E:03; M6: 3.62E:12; Best double couple solution: M6: 15.4000°; NP1: 300.0000°; ...

NEIC 17 06:10:10.4, 0.08S:99.83E, h19km, Moment Tensor Solution. Moment tensor: Scale 0.17Nm, M1:0.36; M2:0.31; M3:0.68; M4:0.73; M5:0.17; M6:0.70; Fault plane solution: M1: 75.0000°; NP1: 305.0000°; ...

NEIC 17 06:10:10.4, 0.08S:99.83E, h19km, Moment Tensor Solution. Moment tensor: Scale 0.17Nm, M1:0.36; M2:0.31; M3:0.68; M4:0.73; M5:0.17; M6:0.70; Fault plane solution: M1: 75.0000°; NP1: 305.0000°; ...

BGR 17 06:10:14.6, 0.0, 3.63S:100.32E, h43km, m5, 0, Ms5.7

NEIC 17 06:10:18.4, 0.03S:100.03E, h14km, Moment Tensor Solution. Moment tensor: Scale 1017Nm, M1:0.36; M2:0.31; M3:0.68; M4:0.73; M5:0.17; M6:0.70; Fault plane solution: M1: 9.7750°; NP1: 305.0000°; ...

ISC 17 06:10:08.5, 0.4, 3.78S:0.03E:100.22E, 0.03, h22km, 4km, h23km; p-P, n1338, e177/1149, mb5.6/218, MS6.0/433, 77C-14D, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Kerinci, Maura Aman, Be, etc.

Main table with columns: PBKI, Pangkalan Bun, 1148 85, P, Pn, 06 12 52.8 +1.5, etc. Lists many stations and their coordinates.

Table with columns: PGP, Puerto Garcia, 26.80 50f, eP, P, 06 15 49.4 +2.0, etc. Lists stations like Namlea, Kidapawan, SAHHA, etc.

17d 6h

2014 DEC

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAO, KDU, KNMB, TAPN, RAMN, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMG, PMG, PMG, MANU, CTAO, CTAO, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PSZ, OJC, VYHS, KEV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC, RUE, FBE, WET, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TRF, OHAK, BWN, KDAK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Oklahoma City, French Village, Greensboro, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Oxford, Hitton, Hickory Valley, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TIGA, PB04, PB01, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, STIA Sitia Lasithi, etc.

MAN 17 06:36:36.3, 8.38N; 124.25E, h4km, mb5.1, ML4.1, MS4.2
MAN Intensity IV - Lugait, Misamis Oriental; Intensity III - Iligan City, Lanao del Norte; Cagayan de Oro City; Intensity II - Malasag, Cagayan de Oro; Tagoloan and Salvador, Misamis Oriental; Baungon Libona and Talagak, Bukidnon

NEIC 17 06:36:40.8, 1.6, 8.28N; 0.10; 124.41E; 0.08, h50km; 8km, mb4.6/28, Error ellipse: s-maj=14.6km s-min=11.5km az=201.0

IDC 17 06:36:43.0, 2.5, 8.37N; 124.59E, h73km; 23km, mb3.8/10, mb1.4/0.11, mb1mx3.6/1, mbtmp4.1/11, Error ellipse: s-maj=33.7km s-min=15.4km az=71.0

ISC 17 06:36:38.1, 1.2, 8.37N; 0.03; 124.34E; 0.03, h27km; 9km, n65, e1936/76, mb4.6/28, 2C-1D, Mindanao

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

Table of station data for 2014 DEC, including stations like MKAR Makanchi Array, ZALV Zalesovo, etc.

SOME 17 06:45:17.5, 40.50N; 72.62E, h0km
KRNET 17 06:45:17.2, 0.1, 40.35N; 72.87E, h16km, mb2.3
NNC 17 06:45:21.7, 3.5, 44.33N; 71.60E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=29.8km s-min=16.7km az=140.0

ISC 17 06:45:17.9, 1.3, 40.45N; 0.05; 72.76E; 0.04, h12km; 12km, n16, e1919/29, 14C-10D, Kyrgyzstan

Table of station data for the 2014 DEC earthquake event, including stations like ARSB Arslanbob, DRK Karamyk, etc.

DNK 17 06:53:57.4, 1.9, 79.44N; 15.35W, h168km; 50km, ML2.7
BER 17 06:53:01.4, 1.2, 78.26N; 8.18E, h15km; 8km, ML1.5, Confirmed Earthquake, Svalbard region

Table of station data for the 2014 DEC earthquake event, including stations like KBS Kingsbay, KRS Kingsbay, etc.

IDC 17 06:54:55.6, 3.7, 5.59S; 151.167E, h76km; 33km, mb2.9/2, mb1.3/2.2, mb1mx2.9/25, mbtmp3.2/2, Error ellipse: s-maj=128.2km s-min=28.1km az=115.0, New Britain region

Table of station data for the IDC event, including stations like KRVT Keravat, WRA Warramunga Arr, etc.

NNC 17 07:00:08.7, 0.7, 44.72N; 78.99E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=6.1km s-min=4.2km az=130.0

SOME 17 07:00:10.1, 44.73N; 79.03E, h20km
ISC 17 07:00:09.3, 1.1, 44.73N; 0.02; 78.99E; 0.03, h5km; 15km, n25, e079/45, 2C-2D, Eastern Kazakhstan

Main table of station data for the 2014 DEC earthquake event, including stations like TDK Taldygorghan, KAPS Kapalarasan, etc.

IDC 17 07:38:53.3, 3.2, 29.17S; 176.56W, h68km; 20km, mb3.7/5, mb1.4/0.7, mb1mx3.7/39, mbtmp4.1/7, MS3.7/1, Ms1.3/7.1, ms1mx3.3/30, Error ellipse: s-maj=50.6km s-min=27.8km az=157.0

ISC 17 07:38:49.4, 1.0, 29.15S; 0.2; 176.40W; 0.1, h36km, n11, e1924/14, mb4.1/5, Kermadec Islands region

Table of station data for the IDC event, including stations like RAO Raoul Island, DZM Mont Dzumac, etc.

AKASG Malin Array Be 151.12 325 PKPbc PKPbc 07 58 37.8 -0.5
2.8nm,0.9s,baz=43,slow=2,SNR=6.1

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

NNC 17 07:45:08.9 1.7, 53.50N:88.07E, h0km, mb3.3, mpv2.9
Error ellipse: s-maj=14.0km s-min=6.0km az=62.0
Suspected Mining explosion.

IDC 17 07:45:09.5 3.0, 53.58N:88.05E, h0km, mb1.3, 3/2,
mb1mx3.0/42, mbmp3.2, ML3.0/2, Error ellipse:
s-maj=26.3km s-min=15.3km az=61.0

ISC 17 07:45:08.8 3.8, 53.83N:01.881E:0.2, h0km, n9, s103/12,
6C-5D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ZAESOVO INFRA, ZAAO Zalesovo Array, ZAAO 1.4nm,0.8s, ZALV Zalesovo Beam, etc.

IDC 17 08:11:39.1 2.9, 20.01S:179.28W, h641km, 26km, mb3.0/6,
mb1.3/7, mb1mx3.1/28, mbtmp4.0/7, Error ellipse:
s-maj=87.7km s-min=18.9km az=148.0

ISC 17 08:11:39.8 1.3, 19.8S:04.1794W:0.3, h650km, n8,
s122/9, mb3.6/6, Fiji Islands region

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

NEIC 17 08:28:46.6 2.7, 30.51S:177.7W:0.1, h10km, 1km,
mb4.8/37, Error ellipse: s-maj=19.2km s-min=8.2km
az=92.0

IDC 17 08:28:54.8 0.8, 30.14S:178.03W, h56km, 6km, mb4.4/14,
mb1.4/5, mb1mx4.4/30, mbtmp4.6/17, MS3.9/10,
MS1.3/9/10, ms1mx3.7/29, Error ellipse: s-maj=14.5km
s-min=9.5km az=93.0

ISC 17 08:29:52.2 0.3, 30.046S:014.47732W:0.07, h46km,
n172, s196/170, mb4.8/26, MS3.9/9, ID, Kermadec
Islands

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

BSWS Blackbirch Sta 13.04 208 Pn Pn 08 31 54.9 +0.1
MSVF Nonsavu 13.19 343 P Pn 08 31 55.9 -1.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Nonsavu, Tophouse, Kahutara, Lake Taylor, Oxford, McQueen's Vall, etc.

Rata Peaks 15.87 210 Pn Pn 08 32 31.0 -1.4
Rata Peaks 15.87 210 Pn Pn 08 35 11.1 -1.6

Mont Dzumac 16.31 297 ePn P 08 32 44.0 +3.4
Mont Dzumac 16.31 297 Pn Pn 08 37 37.7

Lake Benmore 16.79 211 Pn Pn 08 32 41.9 -2.1
Otahu Downs 17.12 209 Pn Pn 08 32 46.3 -1.7

Marvora Lakes 18.48 212 P Pn 08 33 01.8 -2.5
Rarotonga 18.73 65 P Pn 08 33 09.1 +1.3

Wether Hill Ro 18.96 212 Pn Pn 08 33 07.7 -1.7
Tubuai 26.30 81 eLR Pn 08 40 39.5

Eidsvold 27.81 273 P Pn 08 34 36.6 -0.6
Paea 28.75 70 eT T 09 04 22.6

Charters Tower 33.88 279 P P 08 35 33.1 +2.4
Stephens Creek 34.54 257 P Pn 08 35 39.1 +2.8

Nuku Hiva Isla 41.26 67 eLR LR 08 47 48.4
Alice Springs 43.18 267 P P 08 36 48.6 -0.2

Warramunga Arr 44.16 272 P P 08 36 57.2 +0.5
Warramunga Arr 44.17 272 P P 08 36 57.1 +0.4

Warramunga Arr 44.17 272 P P 08 36 56.9 +0.1
Forrest 46.10 255 P P 08 37 12.7 +0.8

Vanda 48.05 186 P Pn 08 37 30.4 +0.9
Vanda 48.05 186 P Pn 08 37 26.4 0.0

South Pole Outc 59.66 180 P P 08 38 54.6 +3.1
Giralia 60.41 250 P P 08 38 58.4 +1.2

Mawson 72.28 201 P P 08 40 13.8 +1.4
Mawson 72.28 201 P P 08 40 13.7 +1.3

Juan Fernandez 80.37 124 T T 10 10 08.6
Juan Fernandez 80.39 124 T T 10 10 16.3

Juan Fernandez 80.57 123 T T 10 10 22.5
Juan Fernandez 80.57 123 T T 10 10 27.2

Juan Fernandez 80.58 123 T T 10 10 23.6
Socorro 80.63 62 T T 10 09 40.2

Paso Flores 82.42 133 P P 08 41 11.5 +1.8
Paso Flores 82.42 133 P Pn 08 41 13.3 -2.0

U15A North Rim 90.61 47 P P 08 41 47.6 -2.4
U15A 08 41 53.2

KLR Kul'dur 91.12 30 P P 08 41 53.0 +1.3
Lajitas Array 92.36 37 P P 08 41 59.6 +1.6

Pinedale Array 96.12 44 LR LR 09 19 47.7
Eielson Array 97.96 13 P P 08 42 22.9 +0.2

Yellowknife Arr 105.26 25 PKIP PKIP 08 47 09.2 -0.1
Boshof 117.24 203 PKIP PKIP 08 47 34.3 +1.3

Boshof 117.24 203 PKIP PKIP 08 47 34.2 +1.1
Resolute Bay 117.28 17 PKP PKP 08 47 30.7 -0.7

Zalesovo Beam 118.12 318 PKP PKP 08 47 33.4 -0.2
Zalesovo Beam 118.12 318 PKP PKP 08 47 33.0 -0.2

Uzbynulak 119.11 305 ePKP PKP 08 47 35.3 -0.7
Nori'sk 119.72 336 PKP PKP 08 47 36.2 -0.6

Medeo 120.51 305 ePKP PKP 08 47 38.8 -0.3
Tian-Shan 120.55 305 ePKP PKP 08 47 39.1 -0.8

Sogindiy 122.29 305 ePKP PKP 08 47 41.4 -0.7
Baital 123.04 306 ePKP PKP 08 47 42.7 -0.6

Alibek 133.65 295 PKP PKP 08 48 05.8 +0.7
Alibek 133.65 295 PKP PKP 08 48 02.5 -1.4

Kautokeino 139.52 48 ePKP PKP 08 48 14.2 +0.5
Belogoroye 140.28 317 PKP PKP 08 48 17.3 -0.7

Klimovskoe 140.84 332 ePKP PKP 08 48 12.0 -4.3
Alibek 141.69 353 ePdif Pdif 08 45 36.1 -1.0

Stelgen 141.69 352 ePKP PKP 08 48 18.6 +1.0
Fauske 142.21 352 ePKP PKP 08 48 19.2 +0.7

Molde 145.26 355 ePKP PKP 08 48 21.4 +0.5
Dombas 148.08 354 ePKP PKP 08 48 29.6 +0.7

Aaknes 148.11 356 ePKP PKP 08 48 32.8 +0.7
NORSAR Subarray 148.82 351 PKP PKP 08 48 34.2 +0.1

NORSAR Array S 149.07 351 ePKP PKP 08 48 44.4 +5.4
NORSAR Array N 149.16 356 ePKP PKP 08 48 45.5 +1.0

Skarsjia 149.49 354 ePKP PKP 08 48 36.4 -0.4
KONO Kongsberg 150.37 355 ePKP PKP 08 48 38.1 +0.3

Blasjo 150.88 355 ePKP PKP 08 48 39.9 +0.2
Karmoy 151.16 357 ePKP PKP 08 48 40.5 +0.4

Malin Array Be 151.39 323 PKP PKP 08 48 40.5 +0.0
Elat 151.60 277 PKP PKP 08 48 42.8 +0.7

Mount Meron Ar 151.61 284 PKP PKP 08 48 43.0 +0.8
Homborsund 151.84 353 ePKP PKP 08 48 42.2 +0.6

Malin Array Be 151.39 323 PKP PKP 08 48 40.5 +0.0

Table of station data for the first section, including columns for station ID, name, frequency, and other parameters.

Table of station data for the second section, including columns for station ID, name, frequency, and other parameters.

Table of station data for the third section, including columns for station ID, name, frequency, and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like BDR Baidarnaya, KLY Klyuchi, SKRK Sorokina, etc.

IDC 17 09:43:35.0.3.6,53.78N.89.20E, h0km, mb1 2.8/3, mb1mx2.9.5, mbtmp.2.8/3, ML2.3/3, Error ellipse: s-maj=34.9km s-min=20.6km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

BUI 17 09:46:55.7.0.0.5:52S.151.91E, h85km, mb5.4/44, mb5.3/67, Ms5.2/28, Ms7.4/8/26

MOS 17 09:46:56.3.0.9.5:28S.151.22E, h58km, mb5.5/66, MS4.8/4, Error ellipse: s-maj=7.6km s-min=5.4km az=110.0

GCMT 17 09:46:57.6.0.1.5:73S.0.0:151.45E:0.01, h49km, MW5.3/119, Moment Tensor Solution, s119.0187, s115.0:175, Duration: 171, Moment tensor: Scale 1017 Nm; M1: 0.99:0.2; M2: 1.06:1.0; M3: 0.06:0.2; M4: 0.29:0.2; M5: 0.27:0.2; M6: 0.19:0.1; Best double couple: Mo: 1.11400:1017, NP1: 243.00000:841.00000, 1.67.00000. NP2: 91.00000:853.00000:1.08.00000. Principal axes: T: 1.0820, Plg14.0000, Azm55.0000; P: -1.1470, Plg6.0000, Azm169.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function DJA 17 09:46:57.6.0.3.6:3.15:1E, h66km, 3km, MS.3/46, mb5.4/46, mb5.9/32, ML5.9/32, MW(MB)5.2/23, Mw5.4/44

NEIC 17 09:46:58.6.1.6.5:52S.0.0:151.39E:0.07, h75km, 1km, mb5.3/204, Error ellipse: s-maj=10.3km s-min=8.2km az=120.0

IDC 17 09:46:58.9.0.7.5:44S.151.32E, h76km, 6km, mb4.8/37, mb1.4.9/42, mb1mx4.8/56, mbtmp.5.1/42, MS4.4/29, Ms1.4.4/29, ms1mx4.4/34, Error ellipse: s-maj=10.2km s-min=6.4km az=118.0

BGR 17 09:46:59.4.0.0.5:56S.151.40E, h69km, ISC 17 09:46:58.5.0.4.5:51S.0.03:151.42E:0.03, h76km, 3km, h76km: p-P, n1073, s1919/1101, mb5.3/179, 39C-8D, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KRVT Keravat (AS076), KRVT Keravat, KRVT Keravat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GUMO Guam, SIJI Sorong, SIJI Sorong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TUWZ Tuamarina, BLDU Balidu, YULB Yu-li, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like L26K Log Cabin Wild, CTGM Chitina Glacie, UCHM Uchtor, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like E04D Cinebar, ORV Oroville, F04A Amboy, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like W5AR Wadi Sarin, BMO Blue Mountains, MONP2 Monument Peak, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Azimuth Accuracy, Azimuth Precision, Azimuth Resolution, Azimuth Smoothing, Azimuth Filtering, Azimuth Threshold, Azimuth Limit, Azimuth Range, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Azimuth Accuracy, Azimuth Precision, Azimuth Resolution, Azimuth Smoothing, Azimuth Filtering, Azimuth Threshold, Azimuth Limit, Azimuth Range, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Azimuth, Azimuth Error, Azimuth Uncertainty, Azimuth Accuracy, Azimuth Precision, Azimuth Resolution, Azimuth Smoothing, Azimuth Filtering, Azimuth Threshold, Azimuth Limit, Azimuth Range, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale, Azimuth Offset, Azimuth Bias, Azimuth Drift, Azimuth Shift, Azimuth Scale.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBA, P59A, MYKA, D61A, H60A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BATH, DOUT, ECHY, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JTKR, JTKR, JAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2, SEY, SONM, etc.

17d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like KK31, TKM2, GKN, WSAR, DMN, KKN, PKIN, PKI, PKI, GUN, GUN, PDGK, RAMN, RAMN, TAPN, MAZK, MAZK, MK31, MKAR, MKAR, MKAR, AB31, KURBB, AKTO, AKTO, BVAR, BVAR, BRVK, ZALV, ZALV, ZALV, CMAR, MMAI, SONM, SONM, KSRS, KSRS, PETK, PETK, WRA, WRA, YKA, YKA, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK, ZAAO, ZAAO, ZALV, ZALV, BVAR, AB07, ABKAR, KIRV, FINES, TXAR, etc.

WEL 17 11:05:28.4, 43'S; 91°17'17"E; 2.4, h5km, 24km, M2.2/6, M2.1/6, M2.2/6, Error ellipse: s-maj=0.0km s-min=0.0km s=169.3, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCSZ, WYZ, RPZ, ARZC, FOZ, FOZ, WACZ, LBZ, WKZ, etc.

IDC 17 11:08:07.3, 2.0, 1.56N, 126.50E, h0km, mb3.5/3, mb1.3/4, mb1mx3.5/36, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=121.3km s-min=25.1km s=68.0, DJA 17 11:08:18.5, 0.1, N15 x 12.6 E, h97km, 17km, M3.6/7, MLV3.6/7

ISC 17 11:08:18.6, 1.1, 1.4N, 101°126'E, 0.2, h100km, n7, c1916/6, mb3.5/3, Northern Molucca Sea

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

MAN 17 11:11:17.8, 13.72N, 119.65E, h32km, mb4.3, ML3.1, MS2.8, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUBP, LUBP, MACP, MACP, PGP, PGP, TGY, TGY, BUSH, BUSH, LQP, LQP, LQP, LQP, ENPP, ENPP, etc.

IDC 17 11:23:04.2, 1.1, 5.55N, 125.52E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.7/35, mbtmp3.9/5, Error ellipse: s-maj=69.1km s-min=17.1km s=77.0, DJA 17 11:23:14.5, 0.9, 6.1N, 8.12 E, h115km, 10km, M4.5/11, mb4.9/5, mb4.6/7, MLV4.6/11, Mw(mB)4.2/5

MAN 17 11:23:14.4, 6.55N, 125.49E, h1km, mb4.4, ML3.3, MS3.0, ISC 17 11:23:14.0, 0.9, 6.08N, 105.125.58E, 0.06, h106km, 8km, n23, c1969/33, mb3.9/5, 2C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDMP, DDMP, DAV, DAV, DAV, DAV, KCP, KCP, MATI, MATI, SKMP, SKMP, BUKP, BUKP, BISlig, BISlig, SGP, SGP, CGP, CGP, PAGZ, PAGZ, BUTP, BUTP, KMSI, KMSI, GTOI, GTOI, etc.

MAN 17 12:35:33.5, 0.8, 6.66N, 126.83E, h193km, 7km, mb3.9/20, mb1.4/1.2, mb1mx4.0/35, mbtmp4.5/21, Error ellipse: s-maj=19.5km s-min=7.8km s=82.0, DJA 17 12:35:35.8, 5.0, 7.1N, 4.12 E, h199km, 5km, M4.6/37, mb4.7/37, mb5.0/18, MLV5.0/17, Mw(mB)4.3/18, NEIC 17 12:35:36.6, 1.4, 6.70N, 107.126.84E, 0.08, h219km, 7km, mb4.6/70, Error ellipse: s-maj=12.0km s-min=9.6km s=102.0

MAN 17 12:35:36.6, 6.75N, 126.91E, h198km, mb5.4, ML4.4, MS4.6

ISC 17 12:35:35.2, 0.5, 6.70N, 107.126.92E, 0.06, h208km, 4km, n175, c124/178, mb4.6/61, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATI, MATI, DDMP, DDMP, DAV, DAV, DAV, DAV, KCP, KCP, BUKP, BUKP, BISlig, BISlig, SGP, SGP, CGP, CGP, PAGZ, PAGZ, BUTP, BUTP, KMSI, KMSI, GTOI, GTOI, etc.

WEL 17 11:28:56.2, 0.8, 45.3'S; 167°E, h5km, M3.0/7, ML3.2/7, MLV3.0/7, Error ellipse: s-maj=0.0km s-min=0.0km s=117.7, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSZ, MSZ, MSZ, MSZ, MLZ, MLZ, WHZ, WHZ, WKZ, WKZ, PYZ, PYZ, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYZ, JCCZ, JCCZ, EARN, EARN, TUAPA, TUAPA, APZ, APZ, SCRUB, SCRUB, LBJ, LBJ, LBZ, LBZ, FOX, FOX, ODZ, ODZ, HHSZ, HHSZ, ARCSZ, ARCSZ, etc.

IDC 17 11:49:19.2, 2.4, 36.29N, 141.38E, h0km, mb3.5/5, mb1.3/4.6, mb1mx3.3/40, mbtmp3.4/6, ML2.4/1, Error ellipse: s-maj=70.2km s-min=25.1km s=60.0, JMA 17 11:49:24.8, 0.1, 36.24N, 141.09E, h46km, 2km, M3.5, ISC 17 11:49:21.9, 1.7, 36.27N, 104.41E, 0.08, h14km, 10km, n17, c058/22, mb3.6/5, Near east coast of eastern

Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHYU, JHYU, CHOU, CHOU, CHOU, CHOU, HITACHI, HITACHI, YJY, YJY, JSMT, JSMT, ONAJ, ONAJ, JFK, JFK, JFT, JFT, JAG, JAG, MJAR, MJAR, MAT, MAT, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, WRA, WRA, ASAR, ASAR, etc.

IDC 17 12:16:00.6, 2.0, 20.53S, 178.07W, h554km, 21km, mb3.1/7, mb1.3/4.1/0, mb1mx3.2/34, mbtmp4.1/10, Error ellipse: s-maj=32.7km s-min=16.4km s=48.0, ISC 17 12:15:58.2, 0.8, 20.53S, 177.90W, 0.1, h534km, n15, c1850/16, mb3.7/7, Fiji Islands region

MSFV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSFV, MSFV, AFIAM, AFIAM, DZM, DZM, URZ, URZ, CTA, CTA, ASAR, ASAR, ASAR, ASAR, WRA, WRA, NVAR, NVAR, TXAR, TXAR, ILAR, ILAR, PDAR, PDAR, MKAR, MKAR, ARCES, ARCES, AKASE, AKASE, GERES, GERES, etc.

IDC 17 12:35:33.5, 0.8, 6.66N, 126.83E, h193km, 7km, mb3.9/20, mb1.4/1.2, mb1mx4.0/35, mbtmp4.5/21, Error ellipse: s-maj=19.5km s-min=7.8km s=82.0, DJA 17 12:35:35.8, 5.0, 7.1N, 4.12 E, h199km, 5km, M4.6/37, mb4.7/37, mb5.0/18, MLV5.0/17, Mw(mB)4.3/18, NEIC 17 12:35:36.6, 1.4, 6.70N, 107.126.84E, 0.08, h219km, 7km, mb4.6/70, Error ellipse: s-maj=12.0km s-min=9.6km s=102.0

MAN 17 12:35:36.6, 6.75N, 126.91E, h198km, mb5.4, ML4.4, MS4.6

ISC 17 12:35:35.2, 0.5, 6.70N, 107.126.92E, 0.06, h208km, 4km, n175, c124/178, mb4.6/61, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATI, MATI, DDMP, DDMP, DAV, DAV, DAV, DAV, KCP, KCP, BUKP, BUKP, BISlig, BISlig, SGP, SGP, CGP, CGP, PAGZ, PAGZ, BUTP, BUTP, KMSI, KMSI, GTOI, GTOI, etc.

Table with columns: Station Name, Time, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like LUWI Ampana, MPST Mapaga, NLAJ Namlea, etc.

Table with columns: Station Name, Time, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like STKA Stephens Creek, TAPN Tapejung, GUN Gumba, etc.

Table with columns: Station Name, Time, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like MXZ Te Kaha, HAZ Pakihiora, WNGZ Waiaomatatini, etc.

IDC 17 12:47:37.1±2.3, 6.84S, 129.99E, h93km, 27km, mb3.6/1, m1 3.5/6, mb1mx3.4/4, mbtrmp3.8/6, Error ellipse: s-maj=29.0km s-min=20.5km az=113.0

Table with columns: Code, Station Name, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like SIJI Sorong, BATI Baupulu, BATI Bati, etc.

IDC 17 12:54:46.8±0.9, 35.40N, 100.44E, h66km, 7km, n22, ±0.77/35, mb3.6/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like JCN Nagara, JKUC kamogawauchiur, JKUC Katsuya, etc.

WEL 17 12:36:45.2±3.7S, 17.8E, h162km, gkm, M3.0/19, ML3.0/19, Error ellipse: s-maj=0.0km s-min=0.0km az=166.7, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Pn, Pn, Az, El, Pn, Pn. Includes stations like MXZ Matakaoa Point.

ASAR Alice Springs 59.03 187 P P 13 04 41.2 +3.3
IDC 17 12:55:06.9,3.6,19.69S;177.86W,h457km,39km,mb3.1/6,
mb1 3.2/7,mb1mx3.0/37,mbmp3.9/7, Error ellipse:
s-maj=109.8km s-min=30.4km az=28.0,
ISC 17 12:55:07.1-3.3,19.8S;0.4-177.9W;0.4,h450km,n7,
bz=317.0,mb3.5/6,Fiji Islands region

MOS 17 13:05:17.2,0.9,7.25S;154.99E,h12km,mb5.1/26, Error
ellipse: s-maj=11.1km s-min=7.8km az=110.2
NEIC 17 13:05:18.2,1.5,7.27S;0.08-155.00E;0.07,h10km,1km,
mb5.1/33, Error ellipse: s-maj=15.1km s-min=11.2km
az=21.0
BUJ 17 13:05:22.0,0.7,7.04S;155.17E,h41km,mb5.3/30,
mb5.0/46,M5.3/7,M5.3/2
GCMT 17 13:05:22.0,0.7,7.42S;0.03-155.10E;0.04,h21km,1km,
MW4.9/66, Moment Tensor Solution. s22,c22: s66,c85;
Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.11±.23;
Mw-1.93±.13; Mw-1.18±.14; Mo-0.33±.22; Mo-1.00±.08;
Mw-0.66±.28; Best double couple: Mo2.95500x10^16
NP1=300.00000°,δ39.00000°,λ82.00000°. NP2:
φ=130.00000°,δ52.00000°,λ97.00000°. Principal axes: T
3.2160, P1g82.0000°, Az=75.00000°, N -0.5220,
P1g5.0000°, Az=30.0000°, P -2.6940, P1g6.0000°,
Az=216.00000°. nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

IDC 17 13:05:23.7,1.9,7.31S;155.05E,h43km,16km,mb4.4/21,
mb1 4.6/24,mb1mx4.4/42,mbmp4.6/24,ML3.3/3,MS3.8/16,
M5.1 3.7/16,ms1mx3.6/34 Error ellipse: s-maj=15.6km
s-min=12.5km az=81.0
DJA 17 13:05:27.3,0.5,7.54S;15.5E,h68km,5km,M4.7/26,
mb4.7/26,mb4.9/7,MLV5.0/3,Mw(mB)4.0/7
ISC 17 13:05:22.6-0.3,7.30S;0.05-155.01E;0.25,h35km,n267,
az=1527/267,mb5.0/91,MS3.8/15,15C-3D,
Bougainville-Solomon Islands region

Code Station Name Az AzZ Phase ID Time Res
RABL Rabaul 4.19 317 Pn Pn 13 06 24.1 +0.1
KRVT Keravat (AS076) 4.20 315 P Pn 13 06 25.3 +1.1
KRVT 64nm,0.3s,baz=234,slow=3.3,SNR=6.2
KRVT comp=Z,222nm,21.4s,baz=125,slow=29
HNR Honiara 5.33 114 P Pn 13 06 43.2 +3.5
HNR 8.1nm,0.3s,baz=252,slow=9.6,SNR=5.1
HNR 11nm,0.3s,baz=312,slow=7.1,SNR=4.4
HNR comp=Z,480nm,19.5s,baz=257,slow=31
HNR Honiara 5.33 114 P Pn 13 06 39.7 +0.1
HNR 13 07 43.4
HNR Honiara 5.33 114 P Pn 13 06 39.7 +0.1
PMG Port Moresby 8.04 254 P Pn 13 07 19.7 +2.7
PMG 2.4nm,0.3s,baz=34,slow=7.5,SNR=21
PMG comp=Z,510nm,18.4s,baz=64,slow=36
PMG Port Moresby 8.04 254ceP Pn pmax 13 07 21.1 +4.1
PMG comp=Z,54nm,1.0s
PMG Port Moresby 8.04 254 Pn Pn 13 07 17.4 +0.4
SANVU Saraoutou 14.43 125 Pn Pn 13 08 45.3 +0.8
MTSU Mount Surprise 14.98 223 P Pn 13 08 52.5 +0.7
JAY Jayapura 15.02 288 LR LR 13 15 46.6
CTA Charters Tower 15.29 213 P P 13 08 59.5 -0.8
CTA comp=Z,0.2nm,0.3s,baz=38,slow=13,SNR=3.8
CTA Charters Tower 15.29 213 P P 13 08 58.5 -1.8
CTAO Charters Tower 15.29 213 P pmax 13 08 58.5 -1.8
CTAO comp=Z,9.0nm,0.9s
CTAO Charters Tower 15.29 213 P P 13 08 58.5 -1.8
EIDS Eidsvold 18.36 191 P P 13 09 33.8 -0.5
DZM Mont Dzumac 18.36 144 eP P 13 09 34.3 -0.2
DZM comp=Z,79nm,1.4s
DZM comp=Z,269nm,25.9s
DZM Mont Dzumac 18.36 144 P Pn 13 09 36.1 +1.4
DZM comp=Z,0.3nm,0.3s,baz=336,slow=12,SNR=3.1
DZM Mont Dzumac 18.36 144 P P 13 09 34.3 -0.2
QIS Mount Surprise 19.09 227 P P 13 09 24.1 +0.8
RMQ Roma 19.99 197 P P 13 09 51.4 -0.7
QLP Kakadu 21.74 207 P P 13 10 07.6 -3.4
KDU Kakadu 22.82 255 P P 13 10 24.1 +1.4
GUMO Guam 23.07 334 LR LR 13 20 46.4
FAKI Fak Fak 23.08 280 P P 13 10 24.7 -0.7
FAKI Fak Fak 23.08 280 P P 13 10 24.2 -1.2
FAKI comp=Z,63nm,1.5s
ARMA Armidale 23.22 187 P P 13 10 26.4 -0.3
WR0 Warramunga Arr 23.50 236 P P 13 10 28.6 -0.9
SAUI Saumlaki 23.51 267 P P 13 10 28.5 -1.1
SAUI comp=Z,58nm,0.7s
WRAB Warramunga Arr 23.53 236 P P 13 10 29.0 -0.8
WRAB Tennant Creek 23.64 236ceP P pmax 13 10 29.9 -1.0
WRAB comp=Z,42nm,1.3s
WRAB Tennant Creek 23.64 236 P P 13 10 30.5 -0.3
WB2 Warramunga Arr 23.65 236 P P 13 10 30.2 -0.7
WRA Warramunga Arr 23.66 236 P P 13 10 30.1 -0.9
WRA comp=Z,25nm,1.0s,baz=82,slow=3.6,SNR=4.7
WRA ScP ScP 13 17 50.5 -0.4
WRA comp=Z,0.5nm,0.9s,baz=65,slow=3.1,SNR=1.5
WRA comp=Z,319nm,18.2s,baz=60,slow=36
WRA Warramunga Arr 23.66 236 P P 13 10 30.0 -1.0
MTN Mantou Dam 24.14 255 P P 13 10 36.5 +1.0
MTN manton 24.14 255 P P 13 10 35.0 -0.5
MTN Mantou Dam 24.14 255 P IAMB IAMB 13 10 35.0 -0.5
LHI Lord Howe Isla 24.39 172 P P 13 10 33.2 -4.4
SIJ Sorong 24.52 284 P P 13 10 40.0 +1.0
SIJ Sorong 24.52 284 P P 13 10 39.4 +0.3
MSVF Nonsavu 24.74 117 P P 13 10 41.7 +0.6
MSVF Nonsavu 24.74 117 P P 13 10 41.3 +0.2
MSVF Nonsavu 24.74 117 P IAMB IAMB 13 10 41.3 +0.2
MSVF Nonsavu 24.74 117 P IAMB IAMB 13 10 41.3 +0.2
CMSA Cobar Meteorol 25.64 199 P P 13 10 48.3 -0.7
AS31 Alice Springs 25.98 229 P P 13 10 51.3 -1.0
ASAR Alice Springs 25.98 229 P P 13 10 51.9 -0.4

comp=Z,9.5nm,0.9s,baz=61,slow=8.9,SNR=60
ASAR ScP ScP 13 17 56.0 -1.5
ASAR comp=Z,0.5nm,1.1s,baz=90,slow=1.9,SNR=2.2
ASAR LR LR 13 20 42.1
ASAR Alice Springs 25.98 229 P P 13 10 50.5 -1.8
ASAR Alice Springs 25.98 229 P P 13 10 50.5 -1.8
KNRA Kunurra 27.01 250 P P 13 11 02.5 +1.0
KNRA Kunurra 27.01 250 P P 13 11 00.1 -1.4
STKA Stephens Creek 27.47 205 P P 13 11 04.9 -0.5
STKA Stephens Creek 27.47 205 P P 13 11 05.8 +0.3
STKA comp=Z,18nm,1.1s,baz=23,slow=12,SNR=14
STKA Buckleboob 30.89 212 LR LR 13 21 42.8
STKA Stephens Creek 27.47 205 P P 13 11 04.8 -0.7
STKA comp=Z,3.0nm,0.8s
STKA Stephens Creek 27.47 205 P P 13 11 04.8 -0.7
FITZ Fitzroy Crossi 30.54 247 P P 13 11 32.8 -0.2
FITZ Fitzroy Crossi 30.54 247 P P 13 11 32.2 -0.8
FITZ Fitzroy Crossi 30.54 247 P P 13 11 32.2 -0.8
WRKA Warakurna 31.02 232 P P 13 11 36.6 -0.7
MMRI Maurema 32.48 265 P P 13 11 47.5 -2.6
FORT Forest 34.38 224 IAMB IAMB 13 12 05.9 -0.6
BNSI Bone 34.83 273 P P 13 12 10.9 +0.3
TOLIZ Tolitoli 35.15 282 P P 13 12 12.8 -0.5
MPSI Mapaga 35.83 281 P P 13 12 20.1 +0.9
TAU Tasmania Unit 36.11 190 P P 13 12 20.9 -0.2
TAU Tasmania Unit 36.11 190 P P 13 12 20.9 -0.2
PSA00 Pilbara Seismi 36.77 244 P P 13 12 26.6 +0.6
BKZ Black Stump Fm 37.12 152 P P 13 12 30.7 +0.5
NNZ Nelson 37.52 157 P P 13 12 32.4 -0.8
BSWZ Blackbirch Sta 38.14 157 P P 13 12 37.8 -0.9
MSWZ Motika Station 38.44 155 P P 13 12 41.2 +0.2
BBKI Banjar Baru 40.16 273 P P 13 12 57.2 +1.5
NWA0 Narrogin (SRO) 43.30 229 LR LR 13 31 02.8
TWG Pinang 44.71 313 P IAMB IAMB 13 13 16.1 -1.0
TWG comp=Z,50nm,1.2s
TPUB Ta-pu 45.33 313 P P 13 13 37.7 +0.2
KSM Kuching 45.44 279 P P 13 13 37.4 -1.2
KSM comp=Z,20nm,0.9s
JNU Nakatsue 46.28 332 P P 13 13 44.7 -0.2
CISCI Cisomet, Garu 46.78 266 P P 13 13 48.7 -0.5
KSI Kopa Array 51.21 322 P P 13 14 20.3 +0.4
KSRS comp=Z,2.8nm,0.9s,baz=154,slow=7.4,SNR=3.3
NJ2 Nanjing 52.16 321 eP Pmax 13 14 30.0 +0.2
NJ2 comp=Z,8.0nm,0.5s
WHT Wuhan 54.17 316 P P 13 14 46.5 +1.8
PHT Papeete 54.90 106 LR LR 13 35 33.3
PPT2 comp=Z,91.2nm,21.5s
USRK Ussuriysk Arr 55.32 340 P P 13 14 53.0 +0.2
USRK Ussuriysk Arr 55.32 340 P P 13 14 51.4 -1.3
USRK Ussuriysk Arr 55.32 340 P P 13 14 51.2 +0.2
ENH Enshi 57.45 313 P IAMB IAMB 13 15 08.3 -0.3
ENH comp=Z,34nm,1.1s
GYA Guliang 57.65 308 eP Pmax 13 15 19.8 +1.0
GYA comp=Z,1.1nm,0.7s
GSI Gunungsitoli 57.93 276 P P 13 15 11.3 -0.6
KLR Kul'dur 59.86 343ceP P pmax 13 15 24.6 -0.0
XAN Xian 59.94 316 P P 13 15 25.8 +0.3
XAN Xian 59.94 316 P P 13 15 37.3 -0.8
XAN Xian 59.94 316 P P 13 15 43.8 +2.6
PET Petropavlovsk 60.17 3 P Pmax 13 15 25.3 -1.3
PET comp=Z,85nm,1.5s
PET Petropavlovsk 60.17 3 P P 13 15 25.2 -1.3
KMI Kuming 60.20 304 P P 13 15 40.8 +1.1
KMI KMI 60.20 304 P P 13 15 45.9 +1.2
PEA0B Petropavlovsk 60.22 2 P Pmax 13 15 26.9 -0.1
PEA0B comp=Z,92nm,1.5s
PEA0B Petropavlovsk 60.22 2 P P 13 15 26.9 -0.1
PETK Petropavlovsk 60.22 2 P P 13 15 27.2 +0.2
PETK comp=Z,16nm,0.8s,baz=149,slow=6.7,SNR=16
PETK LR LR 13 38 05.7
CMAR Chiang Mai Arr 60.93 296 P P 13 15 34.5 +1.9
CMAR Chiang Mai Arr 60.93 296 P P 13 15 34.5 +1.9
CMAR Chiang Mai Arr 60.93 296 P P 13 15 31.3 -1.2
CHTO Chiang Mai 61.05 296 P P 13 15 30.1 -3.2
CHTO comp=Z,19nm,1.4s
CHTO Chiang Mai 61.05 296 P IAMB IAMB 13 15 44.1
CD2 Chengdu 62.02 311 P P 13 15 40.8 +1.0
CD2 Zeya 62.02 311 P P 13 15 49.9 +1.4
CD2 Zeya 62.02 311 P P 13 15 49.9 +1.4
HHC Hu-ho-hao-te 62.35 324 eP Pmax 13 15 41.3 -0.5
HHC comp=Z,12nm,1.0s
ADK Adak 63.75 19 P Pmax 13 15 50.9 +0.2
ADK comp=Z,105nm,1.4s
ADK Adak 63.75 19 P P 13 15 50.9 +0.2
LZH Lanzhou 64.54 316 eP Pmax 13 15 58.4 +1.9
LZH LZH 64.54 316 P P 13 16 19.3 +1.0
LZH LZH 64.54 316 P P 13 16 22.8 +3.7
LZH comp=Z,25nm,1.3s
LZH comp=Z,120nm,8.2s
LZH comp=Z,330nm,16.2s
LZH comp=Z,350nm,16.3s
ZEA 65.17 342 eP P 13 16 00.8 +0.8
MA2 Magadan 66.75 358 P P 13 16 09.5 -0.5
MA2 Magadan 66.75 358ceP P pmax 13 16 09.2 -0.8
MA2 comp=Z,30nm,1.7s
MA2 Magadan 66.75 358 P IAMB IAMB 13 16 08.5 -1.5
GTA Gaotai 68.97 317 eP P 13 16 24.9 +0.3
GTA GTA 68.97 317 P P 13 16 38.8 +1.5
GTA GTA 68.97 317 P P 13 16 43.5 +3.0
UNV Unalaska Isla 69.00 23 P P 13 16 23.0 -1.2
ULN Ulanbatar 69.27 328ceP P pmax 13 16 27.4 +1.1
SHL Shillong 69.46 301 P Pmax 13 16 25.0 -3.0
SHL comp=Z,31nm,1.1s
SHL Shillong 69.46 301 P P 13 16 25.0 -3.0
SONM Songoing Array 69.60 327 P P 13 16 29.3 +0.9
comp=Z,4.6nm,0.8s,baz=138,slow=6.1,SNR=23

SONM comp=Z,46nm,18.0s,baz=211,slow=38
SONM Songoing Array 69.60 327 P Pmax 13 16 27.2 -1.1
SONM comp=Z,8.0nm,1.0s
SONM Songoing Array 69.60 327 P Pmax 13 16 27.2 -1.1
SEY Seymchan 70.06 359 P P 13 16 30.9 +0.2
VNDA Vanda 70.28 178 LR LR 13 41 22.8
VNDA comp=Z,40nm,21.7s,baz=340,slow=31
LSA LSA 71.46 305 P Pmax 13 16 37.5 -3.0
LSA LSA comp=Z,10.0nm,1.0s
LSA LSA 71.46 305 P P 13 16 37.5 -3.0
YAK Yakutsk 71.86 348 P P 13 16 42.7 +1.1
YAK Yakutsk 71.86 348 eP P 13 16 41.4 -0.2
YAK comp=Z,15nm,0.9s
YAK comp=Z,4.0nm,1.1s
YAK comp=Z,2.0nm,1.1s
YAK Yakutsk 71.86 348 P IAMB IAMB 13 16 40.7 -0.9
YAK Yakutsk 71.86 348 P IAMB IAMB 13 16 43.4
ZAK Zakamensk 72.76 328 eP Pmax 13 16 47.5 +0.1
ZAK comp=Z,10.0nm,1.1s
TAPN Taplejung 73.57 301 eP P 13 16 54.2 +1.3
ODAM Odare 73.70 301 eP P 13 16 54.6 +1.0
RAMM Ramit 74.40 300 eP P 13 16 58.6 +0.9
MOY Mondy 74.68 328 eP P 13 16 59.6 +1.0
GUN Gumba 75.29 301 eP P 13 17 03.6 +0.6
BILL Biilino 75.58 4 P P 13 17 03.6 +0.6
BILL comp=Z,25nm,1.1s
BILL comp=Z,67nm,17.0s
BILL Biilino 75.58 4 P IAMB IAMB 13 17 03.2 -0.1
PKI comp=Z,18nm,0.9s
PKI comp=Z,20nm,0.9s
PKN Phulchoki 75.50 301 eP P 13 17 06.1 +1.4
KKN Kakan 75.76 301 eP P 13 17 06.8 +1.3
DMN Dama 75.86 301 eP P 13 17 07.3 +1.2
GOK Gorkha 76.37 301 eP P 13 17 09.7 -0.8
OHAK Old Harbor 76.79 26 P P 13 17 10.2 +0.1
KOLN Koldanda 77.19 301 eP P 13 17 14.3 +0.7
DANN Dangsing 77.21 301 eP P 13 17 14.6 +0.8
KDAK Kodiak Island 77.43 26 P Pmax 13 17 13.7 -0.3
KDAK Kodiak Island 77.43 26 P Pmax 13 17 13.7 -0.3
KDAK Kodiak Island 77.43 26 P Pmax 13 17 13.8 -0.6
ANN Nome 77.52 16 P IAMB IAMB 13 17 13.8 -0.6
ANN comp=Z,10.0nm,0.8s
ANN Nome 77.52 16 P IAMB IAMB 13 17 16.1
PYUN Piuthan 77.80 301 eP P 13 17 17.5 +0.5
RSO Redoubt South 78.97 24 P P 13 17 21.9 -0.9
CNFM China Pool 79.03 25 P IAMB IAMB 13 17 21.4 -1.5
CNFM comp=Z,25nm,0.8s
WMQ Urumqi 79.06 317 eP P 13 17 23.9 +0.5
WMQ comp=Z,12nm,1.1s
WMQ comp=Z,90nm,4.3s
WMQ comp=Z,900nm,29.1s
TTA Talalina 79.30 21 P pmax 13 17 23.8 -0.5
TTA Talalina 79.30 21 P IAMB IAMB 13 17 23.8 -0.5
TTA comp=Z,22nm,1.1s
BRLK Bradley Lake 79.31 25 P P 13 17 22.2 -2.2
BRLK comp=Z,25nm,1.3s
O22K Cooper Landing 80.20 24 P P 13 17 29.3 +0.2
RC01 Rabbit Creek A 80.54 24 P P 13 17 30.8 -0.2
TIXI Tiksi 80.66 352ceP P P 13 17 31.8 +0.4
RDQG Red Dog Mine 80.81 15 P P 13 17 31.9 -0.4
PMR Palmer 81.06 24 P pmax 13 17 32.7 -1.0
PMR comp=Z,21nm,1.2s
PMR Palmer 81.06 24 P IAMB IAMB 13 17 32.6 -1.0
PMR comp=Z,21nm,1.2s
DGZ Jazzart, Alta 81.39 323 P Pmax 13 17 35.7 -0.3
DZG comp=Z,3.0nm,0.8s
SML Sawmill 81.50 24 P P 13 17 34.8 -1.3
TRF Thorofare Moun 81.67 22 P IAMB IAMB 13 17 35.9 -1.3
CHTO comp=Z,17nm,0.8s
RND Reindeer 82.18 22 P Pmax 13 17 38.5 -1.2
RND comp=Z,24nm,0.9s
RND Reindeer 82.18 22 P IAMB IAMB 13 17 38.5 -1.2
ZSN Zaisan 82.19 320 eP P 13 17 40.1 +0.1
ZSN Zaisan 82.19 320 eP P 13 17 40.1 +0.1
KLU Klutina 82.31 25 P IAMB IAMB 13 17 51.3
MCK McKinley 82.33 22 P P 13 17 39.8 -0.7
MLY Manley 82.40 20 P P 13 17 40.7 -0.3
M24K Tolsona, Glenn 82.52 24 P P 13 17 42.1 +0.6
QSPA South Pole Qui 82.68 180 P IAMB IAMB 13 17 42.8 +0.3
QSPA comp=Z,25nm,1.1s
NEA2 Nenana 82.77 21 P P 13 17 41.7 -1.0
N25K Chitina, Valde 82.91 25 P P 13 17 43.2 -0.4
I23K Minto, Yukon-K 82.98 21 P P 13 17 43.5 -0.2
I23K Minto, Yukon-K 82.98 21 P P 13 17 41.9 -1.8
WRH Wood River Hil 83.05 21 P IAMB IAMB 13 17 42.9 -1.2
WRH comp=Z,17nm,1.1s
GLB Gilahina Butte 83.16 25 P IAMB IAMB 13 17 44.7 -0.2
GLB comp=Z,17nm,1.0s
CCB Clear Creek Bu 83.25 21 P P 13 17 43.5 -1.6
CCB comp=Z,11nm,0.8s
MDM Murphy Dome 83.27 21 P IAMB IAMB 13 17 43.7 -1.6
MDM comp=Z,16nm,1.0s
TCOL CIGO, UAF Yank 83.36 21 P P 13 17 44.9 -0.8
TCOL CIGO, UAF Yank 83.36 21 P P 13 17 44.1 -1.5
COLA College 83.36 21 P pmax 13 17 44.1 -1.6
COLA comp=Z,32nm,1.0s
COLA College 83.36 21 P P 13 17 44.1 -1.6
HDA Harding Lake 83.44 22 P P 13 17 44.3 -1.8
POKR Poker Plat Res 83.64 21 P P 13 17 46.3 -0.9
comp=Z,237

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and Name. Includes entries like I57A Carthage, GOF Goitskoye, J58A Remsen, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and Name. Includes entries like P53A Whipple, N49A Columbus Grove, R56A Bull Pasture M, etc.

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and Name. Includes entries like KURK Kurchatov, KURBB Kurchatov, V51A Loudon, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KUUR Kurty, EKS2 Erkin-Say, RWWY Rawlins, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like KSH San Rafael, DUG Dugway, PV12 Saucer Basin, etc.

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like TUC Tucson, HEC Hector Ludlow, ISA Isabella, etc.

17d 15h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KPJI Karang Pucung, PBKI Pangkalan Bun, NONG Nongki, etc.

2014 DEC

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LUWI, GTOI Gorontalo, DANN Dangsig, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like HHC, KSH Kashi, H01W3 Cape Leeuwin H, etc.

17d 16h

Table with columns: TMCR, Tamitsa, 73.96 337 eP, P, 15 36 03.0 -0.7. Includes stations like BIZ, BOS, BOSA, BURAR, etc.

2014 DEC

Table with columns: ESDC, Ponsoe Array, 95.73 310 LR, LR, 16 24 09.0. Includes stations like BPWA, YKA, TBI, PPT2, etc.

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Table with columns: AC01, Pan de Azucar, 4.98 198 Pn, Pn, 15 26 12.1 -1.4. Includes stations like LPAZ, AC02, AC03, etc.

NEIC 17 15:25:02.0.1.1.37S:0.0'04:68.9W:0.1, h110km, 6km, mb3.8/2, ML4.2(GUC). Error ellipse: s-maj=14.4km

IDC 17 15:25:02.5.0.6.21'.47S:68.62W, h108km, 6km, mb3.7/5, m1 3.8/9, mb1mx3.7/23, mbtmp4.0/9, Error ellipse: s-maj=21.3km s-min=8.9km az=109.0

GUC 17 15:25:02.4.0.6.21'.42S:68.83W, h100km, 3km, ML4.2

VAO 17 15:25:02.5.0.5.21'.48S:68.83W, h19km, 5km, mb4.3

ISC 17 15:25:01.0.0.5.21.41S:0.03:68.87W, h106km, 5km, m8.4, r193/116, mb3.8/5, 11C-3D, Chile-Bolivia border region

IDC 17 15:35:29.2.7.6.64.07N:134.90E, h0km, mb3.8/4, mb1 4.2/4, mb1mx3.5/40, mbtmp3.8/4, Error ellipse: s-maj=223.7km s-min=149.7km az=131.0, Eastern Siberia

IDC 17 15:51:13.7.3.5.6.39S: 154.13E, h53km, 2km, mb3.4/4, mb1 3.7/7, mb1mx3.5/32, mbtmp3.8/7, ML3.1/3, MS3.1/2, Ms1 4.1/2, ms1mx3.2/25, Error ellipse: s-maj=36.0km s-min=16.9km az=75.0

ISC 17 15:51:12.9.1.3.6.35S:0.1:154.3E:0.2, h48km, n10, o083/9, mb3.7/4, Bougainville-Solomon Islands region

IDC 17 16:09:50.9.1.0.9.45S:0.2:154.9E:0.2, h33km, n11, o089/8, mb3.9/7, D'Entrecasteaux Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like Keravat (AS076), Keravat (AS076), etc.

ISC 17 17:58:29.1,0.6,56.75,0.2,150.6W,0.1,110km,n55,

0.853/33,mb4.6/9,MSZ.8/10,Pacific-Antarctic Ridge

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

WEL 17 18:09:02.2,45.5,111x167E,1.3,h5km,3km,M2.7/7,

ML2.7/7,MLV2.7/7,Error ellipse: s-maj=0.0km

s-min=0.0km az=48.9, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the WEL event.

h54km;p-P.n644.,r158/650,mb4.8/110,MS4.0/16,10C,

Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous seismic stations and their data points for the Nicaragua event.

comp=2.8,1nm,0.3s,baz=115,slow=12,SNR=27

Table with columns: CMIG, Station Name, Time, Res, ISC. Lists seismic stations and their data points for the Nicaragua event.

INET 17 18:12:17.2,12.40N,87.57W,h96km,ML5.3,MW5.1

BUI 17 18:12:22.0,0.0,12.50N,87.50W,h70km,Ms5.0/1,

18 15 04.3 +4.9

18 15 16.4 +1.6

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include 107A comp=Z,13nm,1.2s, M04C Macdoel, F10A Fort Ranch, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include AKASG Malin Array, MLR Muniteo Rosu, NRIK Nori'sk, etc.

17d 18h

Table with columns for station name, frequency, power, and status. Includes stations like ERM Ermo, MJAR Matsuhiro, YSS Yuzh-Sakhalins, etc.

2014 DEC

Table with columns for station name, frequency, power, and status. Includes stations like LZH comp=Z,25nm,1.3s, LZH comp=Z,110nm,5.4s, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like IL31 comp=Z,4.1nm,0.7s, ILAR Eielson Array, etc.

Table with columns: AKMS, comp=E, 0.2nm, 0.4s, AML, AML, 21 48 39.4, etc. Lists various station codes and their coordinates.

WEL 17 21:47:58.0, 40°S, 173°E, h190km, 6km, M2.9/18, MLv2.9/18, Error ellipse: s-maj=0.0km s-min=0.0km az=85.1, Cook Strait

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and their coordinates.

Table with columns: MHGZ, Mahia Peninsula, 3.74, 72, P, Pn, 21 48 55.2 -1.0, etc. Lists station codes and their coordinates.

SOME 17 22:59:49.0, 40°45'N, 77°70'E, h15km, NNC 17 22:59:50.8, 0.6, 40°54'N, 77°76'E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=4.3km s-min=3.0km az=169.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and their coordinates.

Table with columns: KURS, 19nm, 0.7s, Lg, Lg, 23 01 25.6, etc. Lists station codes and their coordinates.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station codes and their coordinates.

PRU 17 23:04:24.5, 0.0, 46°66'N, 6°91'E, h0km, BNS 17 23:04:25.9, 0.3, 46°66'N, 7°08'E, h28km, ML2.8, BGR 17 23:04:26.8, 0.6, 46°81'N, 6°65'E, h25km, ML3.0/6, Error ellipse: s-maj=17.8km s-min=12.2km az=1.0

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like Yverdon-les-Bains, Torny/Romont, and Neuenburg.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like Gryon, Mont Terri, and Solothurn.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like Emosson, Leukerbad, and Balsthal.

YKA Yellowknife Ar 81.10 3 P P 23 52 30.8 -0.4
0.3nm,0.4s,baz=354,slow=5.5,SNR=5.9

NEIC 17 23:43:12.7 1.7, 15.39S:0.09:168.31E:0.06, h46km,3km,
mb4.5/16, Error ellipse: s-maj=12.8km s-min=8.7km

IDC 17 23:43:13.2 3.4, 15.42S:168.34E, h49km,3km, mb4.0/12,
mb1.4/2.14, mb1mx3.0/40, mbtmp4.2/14, ML4.7/2, MS3.3/5,
MS1.3/3.5, ms1mx3.0/31, Error ellipse: s-maj=32.3km
s-min=18.9km az=157.0

ISC 17 23:43:10.7-0.6, 15.43S:0.07:168.31E:0.07, h25km, n36,
i=128/38, mb4.3/19, MS3.4/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations including SARAUOUT, MONT DZUMAC, STEPHENS CREEK, etc.

NEIC 17 23:50:10.4 1.3, 52.05N:0.09:175.0E:0.1, h46km,7km,
Error ellipse: s-maj=14.9km s-min=5.8km az=210.0

AEIC 17 23:50:10.1 9.5, 51.96N:0.09:174.94E:0.09, h25km,5km,
ML4.0, mb4.4/32(NEIC), Error ellipse: s-maj=14.2km
s-min=6.1km az=207.0

IDC 17 23:50:11.5 3.8, 52.19N:175.04E, h56km,33km, mb3.6/16,
mb1.3/3.18, mb1mx3.0/47, mbtmp4.0/18, ML2.7/1, MS3.3/4,
MS1.3/3.4, ms1mx2.1/758, Error ellipse: s-maj=20.7km
s-min=15.1km az=171.0

ISC 17 23:50:10.5-0.6, 52.1N:0.1:175.03E:0.05, h39km, n83,
i=100/78, mb4.2/30, MS3.5/3, Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations including SHENYA, LITTLE SITKIN, etc.

WRH Wood River Hill 22.58 43 P P 23 55 07.5 +0.4
MDM Murphy Dome 22.66 41 P P 23 55 07.8 -0.2
M24K Tolsona, Glenn 22.95 49 P P 23 55 11.9 +0.9
ILAR Eielson Array 23.16 42 P P 23 55 13.3 +0.2

TOLK Toolik Lake Re 23.54 32 I Amb I Amb 23 55 16.9 +0.1
TOLK comp=2.7, 1nm, 0.6s

N25K Chitina, Valde 23.63 51 P P 23 55 17.7 0.0
GLB Gilahina Butte 23.95 51 P P 23 55 25.2 +0.5
CROM Cirque 24.29 53 P P 23 55 25.2 +1.3
CROM comp=2.21nm, 1.3s

TGL Tana Glacier 24.44 53 P I Amb I Amb 23 55 26.6 +1.4
TGL comp=2.20nm, 1.2s

K27K Chicken 25.06 45 P I Amb I Amb 23 55 31.2 +0.5
K27K comp=2.13nm, 1.5s

YAK Yakutsk 26.02 310 P P 23 55 38.4 -1.0
YAK comp=2.8, 4nm, 0.4s, baz=177, slow=1.3, SNR=6.1

KLR Kul'dur 27.28 281 P P 23 55 51.3 +0.4
KLR comp=2.0, 8nm, 0.4s, baz=200, slow=4.4, SNR=2.1

H112 WAKE ISLAND Hy 32.96 194 T T 00 31 24.9
H112W WAKE ISLAND Hy 32.97 194 T T 00 31 32.0

H111 WAKE ISLAND Hy 32.98 194 T T 00 31 28.7
H111W WAKE ISLAND Hy 32.98 194 T T 00 31 28.7

H1151 WAKE ISLAND Hy 34.19 194 T T 00 33 12.4
H1151W WAKE ISLAND Hy 34.19 194 T T 00 33 12.4

H1153 WAKE ISLAND Hy 34.21 194 T T 00 33 00.7
H1153W WAKE ISLAND Hy 34.21 194 T T 00 33 01.7

YKA Yellowknife Ar 27.48 46 P P 23 57 19.2 -0.6
YKA comp=0.2nm, 0.4s, baz=287, slow=6.9, SNR=2.1

YBH Yreka Blue Her 42.53 79 LR LR 00 12 10.3
YBH comp=2.42nm, 1.9, 1s, baz=290, slow=1.1

SOMM Songino Array 42.85 293 P P 23 58 03.9 -0.7
SOMM comp=2.1, 5nm, 0.6s, baz=68, slow=8.1, SNR=5.5

HHC Hu-ho-hao-te 43.79 281 eP P 23 58 13.4 +1.2
HHC comp=2.1, 0.1nm, 1.0s

HHC comp=2.200nm, 6.0s

BTO Baotou 44.87 282 eP P 23 58 21.3 +0.4
TULEC Thule 45.42 47 P P 23 58 24.6 0.0

SPAO Spitsbergen Ar 49.03 354 P P 23 58 54.2 -0.6
ZALV Zalesovo Beam 50.67 310 P P 23 59 04.4 -1.0

ZALV comp=2.0, 4nm, 0.4s, baz=27, slow=6.8, SNR=1.8

ZALV comp=2.44nm, 18.6s, baz=51, slow=37

LZH Lanzhou 51.48 281 eP P 23 59 14.0 +2.0
LZH Lanzhou 51.48 281 sP P 23 59 27.3 +4.5
LZH Lanzhou 51.48 281 pP P 23 59 31.5 +4.1

LZH comp=2.18nm, 1.3s

SUMG Summit 53.42 12 P P 23 59 25.9 -0.2
KURK Kurchatov 55.62 31 P P 23 59 41.5 -0.7
WMO Wujue 55.86 299 eP P 23 59 44.9 +2.5

MK31 Makanchi Array 56.50 322 P P 23 59 47.3 -1.0
MK31 comp=2.1, 4nm, 0.6s

MKAR Makanchi Array 56.50 305 P P 23 59 47.2 -1.1
MKAR comp=2.1, 3nm, 0.4s, baz=55, slow=6.0, SNR=4.3

ARCES ARCESS Array B 56.61 348 P P 23 59 47.9 -0.9
ARCES comp=2.1nm, 0.8s, baz=22, slow=5.8, SNR=6.3

MAKZ Makanchi 56.65 305 P P 23 59 48.6 -0.8
MAKZ comp=3.2nm, 0.8s

BRVK Borovoye 57.78 316 P I Amb I Amb 23 59 57.1 -0.2
BRVK comp=2.3, 0nm, 0.5s

ARU Arti 59.86 325 P P 00 00 11.8 +0.2
TXAR Lajitas Array 62.28 77 P P 00 00 28.1 -0.4

TXAR comp=0.3nm, 0.6s, baz=31, slow=6.1, SNR=5.4

FIAT Fines Array S 64.10 344 P P 00 00 40.2 +0.3
FINES FINESS Array B 64.10 344 P P 00 00 38.8 -1.1

FINES comp=2.2, 4nm, 0.8s, baz=133, slow=8.1, SNR=3.5

ABKAR Abkual array 64.94 319 P I Amb I Amb 00 00 45.3 -0.3
ABKAR comp=2.2, 3nm, 0.9s

KK31 Karatay Array 64.98 309 P P 00 00 45.5 -0.5
KK31 comp=2.1, 9nm, 0.8s

KKAR Karatay Array 64.98 309 P I Amb I Amb 00 00 45.6 -0.5

NC40S NORARS Array S 66.32 351 P P 00 00 53.8 -0.6
NB2 NORARS Subarra 66.43 351 P P 00 00 54.6 -0.6

NOA NORARS Array S 66.43 351 P P 00 00 54.4 -0.8
NOA comp=2.0, 8nm, 0.5s, baz=37, slow=5.0, SNR=1.0

BTK Batken 67.13 306 P I Amb I Amb 00 00 59.9 -0.1
BTK comp=2.3, 0nm, 0.7s

AKASG Malin Array Be 73.53 338 P P 00 01 38.2 -0.6
AKASG comp=2.0, 4nm, 0.4s, baz=227, slow=26, SNR=2.5

KBZ Khabaz 75.96 326 P P 00 01 52.6 -0.3
KBZ comp=2.2, 0nm, 0.8s, baz=87, slow=27, SNR=5.4

WRA Warramunga Arr 80.06 219 P P 00 02 13.9 -1.9
BRTR Keskin Array B 82.54 331 P P 00 02 29.2 +0.1

BRTR comp=0.3nm, 0.7s, baz=30, slow=3.3, SNR=3.2

MKAR Makanchi Array 83.61 217 P P 00 02 33.9 -0.6
BOSA Boshof 147.50 305 PKPbc PKPbc 00 09 49.6 -0.5

BOSA comp=2.0, 2nm, 0.6s, baz=21, slow=8.0, SNR=2.1

ISC 18 00:10:26.3 1.4, 3.16S:191.94E, h282km, 15km, mb3.0/6,
mb1.3/2.7, mb1mx3.1/42, mbtmp3.7/7, Error ellipse:
s-maj=45.8km s-min=18.2km az=117.0

ISC 18 00:10:27.1 1.1, 3.45S:0.02:152.2E:0.3, h300km, n9,
i=158/10, mb3.3/6, New Ireland region

KRVT Keravat (ASO76) 0.90 188 Op P 00 11 05.6 -1.5
KRVT 4nm, 0.3s, baz=95, slow=8.2, SNR=23

CTA Charters Tower 17.55 199 P Pn 00 14 14.2 -1.2
CTA 0.5nm, 0.3s, baz=24, slow=11, SNR=8.4

WRA Warramunga Arr 23.92 225 P P 00 15 17.0 +2.3
WRA 4.8nm, 0.4s, baz=48, slow=10, SNR=82

ASAR Alice Springs 26.77 220 P P 00 15 41.5 +1.2
ASAR 0.2nm, 0.4s, baz=52, slow=10.5, SNR=6.7

FITZ Fitzroy Crossi 29.79 239 P P 00 16 05.7 -1.3
FITZ 0.6nm, 0.6s, baz=45, slow=4.3, SNR=2.6

STKA Stephens Creek 30.01 198 P P 00 16 09.4 +0.8
STKA 0.9nm, 0.5s, baz=13, slow=14, SNR=4.0

MKAR Makanchi Array 78.86 319 P P 00 21 57.1 -0.4
MKAR 0.1nm, 0.4s, baz=96, slow=5.5, SNR=1.5

ILAR Eielson Array 81.12 22 P P 00 22 09.2 +0.2
TORD Torodi Ar. Bea 149.25 290 PKPbc PKPbc 00 29 41.3 -0.2

TORD 0.3nm, 0.7s, baz=245, slow=6.3, SNR=5.2

ISC 18 00:12:05.9 6.5, 85.25N:79.87E, h0km, mb3.4/2,
mb1.3/7.3, mb1mx3.2/59, mbtmp3.5/3, ML3.5/1, Error
ellipse: s-maj=270.4km s-min=29.4km az=107.0

ISC 18 00:12:13.9 1.3, 84.22N:102.100E:0.1, h10km, n4,
i=63/55, North of Severnaya Zemlya

ZF12 Zemlya Franca- 7.36 272 eP Pn 00 14 01.2 +0.1
ZF12 2.2nm, 1.4s

NR1K Noronka 15.14 198 P P 00 15 52.9 +0.4
NR1K 0.2nm, 0.3s, baz=49, slow=11, SNR=3.3

mb1.4/0.7, mb1mx3.6/40, mbtmp3.7/7, MS3.5/8, Ms1.3/5/8,
ms1mx2.3/32, Error ellipse: s-maj=61.6km s-min=22.5km
az=21.0

ISC 18 00:19:34.2 1.3, 34.6N:0.4:36.9W:0.2, h12km, n16,
i=078/77, mb3.8/7, MS3.5/8, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MIDT, DBT, DIMBOKRO, etc.

TORD Torodi Ar. Bea 40.89 112 P P 00 27 16.3 -0.1
TORD 0.8nm, 1.0s, baz=290, slow=10, SNR=2.3

TORD comp=2.65nm, 21.2s, baz=320, slow=34

ULM Loc du Bonnet 45.09 309 P P 00 27 48.8 -1.3
ULM 1.0nm, 0.6s, baz=58, slow=9.5, SNR=3.0

ULM comp=2.58nm, 19.1s, baz=154, slow=34

H10N2 ASCENSION HYDR47.19 149 T T 01 18 04.2
H10N2 0.2nm, 0.4s, baz=302, slow=31

H10N3 ASCENSION HYDR47.19 149 T T 01 18 04.6
H10N3 0.2nm, 0.4s, baz=302, slow=31

H10N1 ASCENSION HYDR47.21 149 T T 01 18 05.6
H10N1 0.2nm, 0.4s, baz=302, slow=31

H10S2 ASCENSION HYDR48.13 150 T T 01 19 13.2
H10S2 0.2nm, 0.4s, baz=302, slow=31

YKA Yellowknife Ar 54.43 326 P P 00 29 01.8 +0.8
YKA 0.6nm, 0.4s, baz=83, slow=7.2, SNR=5.7

PDAR Pineapple Array 57.73 302 P P 00 29 10.9 0.0
PDAR 0.4nm, 0.4s, baz=76, slow=6.3, SNR=3.9

PDAR comp=2.38nm, 21.4s, baz=62, slow=34

TXAR Lajitas Array 55.98 285 P P 00 50 13.2 +0.4
TXAR 0.8nm, 0.8s, baz=92, slow=6.8, SNR=7.3

TXAR comp=2.34nm, 18.6s, baz=0.0, slow=35

NVAR Nina Array 63.49 300 S P 00 30 04.8 +0.3
NVAR 0.2nm, 0.4s, baz=84, slow=8.0, SNR=4.9

ILAR Eielson Array 67.09 334 LR LR 00 58 34.4
MKAR Makanchi Array 82.31 37 P P 00 51 58.8 0.0

MKAR 0.9nm, 0.8s, baz=317, slow=5.0, SNR=7.0

BOSA Boshof 85.99 129 LR LR 00 57 44.8
BOSA comp=2.29nm, 18.2s, baz=238, slow=34

IDC 18 00:20:30.6 54.0, 13.58S:167.14E, h0km, mb3.0/3,
mb1.4/1.2, mb1mx3.6/32, mbtmp3.9/3, Error ellipse:
s-maj=911.6km s-min=113.9km az=64.0, Vanuatu
Islands

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

ISC 18 00:52:47.3 2.7, 74.6N:94.28E, h0km, mb3.8/4, mb1.3/9.4,
mb1mx3.5/44, mbtmp3.8/4, MS2.8/2, Ms1.2/9.2,
ms1mx2.5/41, Error ellipse: s-maj=164.6km
s-min=51.7km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMAR, PALK, etc.

ISC 18 00:55:50.7 3.2, 74.6N:94.28E, h0km, mb3.8/4, mb1.3/9.4,
mb1mx3.5/44, mbtmp3.8/4, MS2.8/2, Ms1.2/9.2,
ms1mx2.5/41, Error ellipse: s-maj=164.6km
s-min=51.7km az=56.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H08S3, H08S2, etc.

ISC 18 01:01:51.3 2.9, 6.82S:129.91E, h127km, 40km, mb3.1/1,
mb1.3/3.5, mb1mx3.0/38, mbtmp3.6/5, Error ellipse:
s-maj=68.6km s-min=22.1km az=89.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SIJU, FITZ, etc.

ISC 18 01:04:38.4 1.4, 0.6N:0.1:123.76E:0.08, h237km, 11km,
mb4.2/19, Error ellipse: s-maj=15.4km s-min=12.1km
az=176.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DJA, WRA, etc.

ISC 18 01:04:39.3 0.7, 0.55N:0.07:123.72E:0.05, h250km, n36,
i=153/40, mb4.2/16, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KMSI, MRSI, etc.

ISC 18 01:04:40.1 0.8, 1.1N:8.12E:1.2, h236km, 6km, M3.5/7,
ML3.5/7

18d 2h

Table with columns: WB2, Warramunga Arr, 22.87 153, P, P, 01 09 22.2 +0.8, 01 09 24.2

IDC 18 01:06:27.0 1.2, 30.15S; 179.35W, h347km, 12km, mb3.5/4, mb1 3.7/5, mb1mx3.4/26, mbtmp3.4/5, Error ellipse: s-maj=29.5km s-min=20.5km az=162.0

ISC 18 01:06:26.7-0.8, 30.109S; 0108.1793W, 0.11, h350km, n48, e1567/57, mb3.6/4, Kermadec Islands region

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

IDC 18 01:28:22.8 2.3, 9.23S; 109.53E, h0km, mb3.3/3, mb1 3.5/2, mb1mx3.3/30, mbtmp3.3/3, Error ellipse: s-maj=58.6km s-min=26.1km az=47.0

DJA 18 01:28:32.7 1.1, 9.5S; 111.0E, h19km, 10km, M4, 2/13, mb5.0/2, mb4.2/6, MLV4.2/13, Mw(mb)4.4/2

ISC 18 01:28:28.6 2.6, 9.05S; 0108.11019E, 0.04, h12km, 16km, n21, e222/24, mb3.4/3, South of Jawa

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

2014 DEC

Table with columns: MKAR, Makanchi Array, 60.91 338, P, P, 01 38 38.1 -3.2

JMA 18 01:41:53.7 0.1, 36.15N; 141.03E, h33km, 2km, M3.9, Near east coast of eastern Honshu

IDC 18 01:42:59.8 1.3, 7.80N; 126.58E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/51, mbtmp3.8/4, MS2.9/1, Ms1 3.1/1, ms1mx2.4/39, Error ellipse: s-maj=30.5km s-min=22.8km az=85.0

MAN 18 01:43:03.7, 7.76N; 126.68E, h17km, mb4.9, ML3.8, MS3.8, ISC 18 01:43:03.3-1.4, 7.76N; 0203.12665E, 0.07, h18km, 6km, n18, e164/23, mb3.7/4, 2C-1D, Mindanao

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

IDC 18 01:53:09.9 4.0, 30.83N; 141.05E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/29, mbtmp3.5/4, ML2.7/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/38, Error ellipse: s-maj=160.9km s-min=25.2km az=72.0, Southeast of Honshu

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

SJA 18 02:12:46.7 0.7, 22.70S; 66.18W, h272km, 5km, ML4.0, MW3.8

NEIC 18 02:12:47.3 0.7, 22.73S; 0107.66E, h257km, 9km, mb4.2/12, Md3.8(SJA), Error ellipse: s-maj=13.6km s-min=5.9km az=45.0

IDC 18 02:12:48.2 1.4, 22.66S; 66.06W, h257km, 13km, Mb3.2/6, mb1 3.4/11, mb1mx3.3/22, mbtmp3.8/11, Error ellipse: s-maj=20.0km s-min=17.7km az=177.0

VAO 18 02:12:48.9 2.3, 22.54S; 66.19W, h278km, 12km, mb3.9, ISC 18 02:12:47.3 0.6, 22.73S; 0104.6625W, 0.04, h261km, 6km, n104, e1516/134, mb4.0/11, 2C-1D, Jujuy Province

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

Table with columns: PB05, IPOC Station P, 3.65 267, eP, Pn, 02 13 48.4 +0.7

IDC 18 02:30:49.0 2.1, 0.13N; 126.57E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/7, mbtmp3.4/3, Error ellipse: s-maj=183.9km s-min=26.5km az=65.0, Northern Moluca Sea

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

IDC 18 02:35:42.5 2.3, 1.24N; 93.07E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/7, mbtmp3.6/5, Error ellipse: s-maj=138.9km s-min=21.9km az=57.0, Andaman Islands region

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

IDC 18 02:35:42.5 2.3, 1.24N; 93.07E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/7, mbtmp3.6/5, Error ellipse: s-maj=138.9km s-min=21.9km az=57.0, Andaman Islands region

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

IDC 18 02:49:03.9.1.0, 15.45N; 144.69E, h0km, mb3.8/5, mb1.4/1.5, mb1mx3.6/5.3, mbtmp3.8/5, MS3.2/9, Ms1 3.2/9, ms1mx3.0/3.7, Error ellipse: s-maj=47.4km s-min=22.0km az=90.0

ISC 18 02:49:09.0.0.9, 15.36N; 0.009; 144.7E; 0.3, h35km, n21, c0566.8, mb3.7/5, MS3.0/9, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GUM0, DAV0, KRVT, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, M183, KSR5, HNR, WRA, WRA, CMAR, PSI, KURBB, YKA, NEW, ARCES, NVAR, TORD, etc.

IDC 18 02:55:17.6i.3.0, 36.32N; 71.04E, h146km, 25km, mb3.6/1.2, mb1 3.7/1.8, mb1mx3.4/4.6, mbtmp4.1/1.8, MS4.1/2, Ms1 4.1/2, ms1mx2.9/3.5, Error ellipse: s-maj=20.8km s-min=16.1km az=23.0

BUI 18 02:55:19.2i.0.0, 36.47N; 71.00E, h163km, mb4.7/9, mb4.3/1.0

NEIC 18 02:55:20.0.1.4, 36.53N; 0.05; 70.90E; 0.09, h161km, 3km, mb4.3/1.1, Error ellipse: s-maj=10.6km s-min=7.6km az=89.0

NMC 18 02:55:24.1.2.3, 36.87N; 70.89E, h169km, 31km, mb3.5, mpv4.2, Error ellipse: s-maj=20.8km s-min=13.0km az=8.0

ISC 18 02:55:21.3i.0.5, 36.50N; 0.04; 71.01E; 0.05, h188km, n75, c2059/81, mb3.8/1.7, 4C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include KBL, CEP, DRK, NIL, BTK, THW, KSH, KSH, KSH, KSH, AML, UCH, EK52, KK31, KK31, KK31, AAK, AAK, AAK, AAK, AAK, BOOM, USP, TKM2, TKM2, GEYT, GEYT, GEYT, GYA0B, GYA0B, MAK2, MK31, MK31, MKAR, DANN, KOLN, GKN, WMQ, DMN, KKN, AB31, ABKAR, PKIN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include PKI, KURBB, GUN, KURK, RAMM, BVAR, AKTO, AKTO, TAPN, ZAAO, ZAAO, ZALV, ARU, LZH, LZH, LZH, LZH, LZH, BTO, HHC, HHC, AKASO, NRIK, NRIK, NRIK, NRIK, FIA1, FINES, ARCES, NB201, NB2, NB2, NB2, UNK, UNK, JUNU, TORD, COLD, COLD, INK, INK, TTA, TTA, ILAR, BOSB, BOSB, YKA, WRA, ASAR, etc.

UCR 18 03:02:02.3i.2.0, 7.89N; 82.57W, h15km, 9km, MW3.6
ISC 18 03:02:05.2i.0.9, 8.08N; 82.70W, h43km, 6km, MW4.3
UPA 18 03:02:02.9i.1.4, 7.98N; 0.05; 82.64W; 0.03, h15km, 10km, n27, c0569/41, 4C-2D, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include BAGA3, CDITO, PTAR3, BCO2, BRU2, BRU2, PIRO, BCP3, REME3, PTJ1, PTJ1, CHGR2, CHGR2, RIOS, RIOS, RIOS, EDVA, GMAL, DRKO, DRKO, PEZE, CDM, RIMA, LCR2, AZU, JACO, JTS, etc.

IDC 18 03:07:11.1i.2.0, 34.12S; 56.57E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/3.7, mbtmp3.7/4, ML3.4/1, MS3.3/8, Ms1 3.3/8, ms1mx3.1/2.7, Error ellipse: s-maj=17.8km s-min=27.7km az=23.0

ISC 18 03:07:13.3i.1.8, 33.9S; 0.05; 56.7E; 0.4, h12km, n14, c0566.7, mb3.8/3, MS3.3/7, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include OPO, OPO, BOSB, SATP, MUR, MAW, KMB0, CMAR, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include WRA, TORD, KEST, INK, ILAR, YKA, etc.

INET 18 03:12:00.4, 12.75N; 88.27W, h15km, MW3.0
UCR 18 03:12:01.3i.0.8, 12.87N; 88.36W, h61km, 12km, ML3.6
SNET 18 03:12:01.1i.1.0, 12.80N; 88.39W, h34km, 16km, ML3.6
ISC 18 03:12:00.4i.2.8, 12.82N; 0.2; 88.34W; 0.06, h59km, 26km, n30, c0535/40, Off coast of central America

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include LCY, LCY, LCND, LCND, LCND, LCND, PACA, PACA, PACA, COEG, COEG, COEG, COEG, LFRS, LFRS, LFRS, PAVA, PAVA, LBRS, LBRS, LALI, LALI, OPAM, OPAM, BOOS, BOOS, BOOS, BOOS, JAYA, JAYA, JAYA, JAYA, TACO, TACO, CEVE, CEVE, CEVE, CEVE, TOUH, TOUH, NUBE, NUBE, etc.

WEL 18 03:17:08.2i.0.4, 44.53S; 177.2E, h5km, M2.4/12, ML2.5/12, ML2.4/12, Error ellipse: s-maj=0.0km s-min=0.0km az=164.1, South India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include RACZ, RACZ, MOZ, MOZ, OXF, OXF, AKCZ, AKCZ, WACZ, WACZ, ANCZ, ANCZ, GVZ, GVZ, LTZ, LTZ, ARZ, ARZ, INZ, INZ, WVZ, WVZ, LBZ, LBZ, ODZ, ODZ, etc.

IDC 18 03:19:37.6i.0.7, 38.10N; 142.57E, h0km, mb3.8/1.0, mb1 4.0/1.3, mb1mx3.8/3.6, mbtmp3.8/1.3, ML2.6/3, MS3.2/5, Ms1 3.2/5, ms1mx2.8/3.2, Error ellipse: s-maj=20.7km s-min=18.6km az=142.0

JMA 18 03:19:41.4i.0.1, 38.20N; 142.30E, h37km, 2km, M4.0, JMA Felt J1

NIED 18 03:19:41.5, 38.20N; 142.30E, h37km, MW3.9, Moment Tensor Solution, s3, Moment tensor: Scale 10^14Nm; M=6.83; Mw=1.78; Ms=5.06; Mw=4.34; Mw=1.80; Mw=3.60; Fault plane solution: Mw=4.400000^10^14 NP1; s2=20.00000; s3=6.00000; s4=79.00000; NP2: s1=15.00000, s2=6.00000, s3=113.00000

NEIC 18 03:19:43.1i.1.8, 38.18N; 0.07; 142.5E; 0.1, h51km, 11km, mb4.4/5, Error ellipse: s-maj=12.4km s-min=9.0km az=118.0

ISC 18 03:19:41.1i.2.2, 38.20N; 0.05; 142.35E; 0.07, h23km, 15km, n43, c160/45, mb3.9/1.3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include JIKH, JIKH, JIO, JIO, JKM, JKM, JMM, JMM, JOK, JOK, JFM, JFM, JYK, JYK, JMT, JMT, MJAR, MJAR, MAJO, MAJO, MAT, MAT, etc.

az=213.0
IDC 18 04:13:27.0.5.1, 7.51N, 94.45E, h63km, 45km, mb3.6/6,
mb1 3.7/7, mb1mx3.4/58, mbtmp3.9/7, ML3.6/1, MS3.4/7,
Ms1 3.4/7, ms1mx3.1/45, Error ellipse: s-maj=89.2km
s-min=19.2km az=57.0

ISC 18 04:13:22.5.0.8, 7.6N, 95.01, h24km, n28,
a192/25, mb4.2/12, MS3.7/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like LHMI, PSI, KULM, etc.

REN 18 04:14:31.7.1.1, 38.49N, 0.03, 119.27W, 0.03, h12km, 5km,
Error ellipse: s-maj=2.4km s-min=2.4km az=225.0

NCEDC 18 04:14:31.8.1.1, 38.49N, 0.01, 119.27W, 0.03, h11km, 5km,
ML3.2/13, ML3.3/5 (REN), Error ellipse: s-maj=3.5km
s-min=1.7km az=82.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like WAKR, RYN, etc.

ISC 18 04:19:59.1.1.1, 44.62N, 0.06, 167E, 0.04, h7km, n9,
a1867/13, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like BLY, UDBI, etc.

Table with columns: DUGI, MAKA, LSTV, STON, STON. Lists stations like Dugi Otok, Makarska, etc.

IDC 18 04:22:15.9.1.1, 3.18N, 128.55E, h0km, mb4.0/6,
mb1 4.1/7, mb1mx3.7/52, mbtmp4.0/7, ML3.8/1, Error
ellipse: s-maj=52.3km s-min=18.3km az=75.0

DJA 18 04:22:18.9.3.0, 3.18N, 128.55E, h16km, 32km, M4.5/7,
mb5.2/1, mb4.7/4, MLV4.3/7, Mw(Mb)4.6/1

ISC 18 04:22:22.0.9, 3.05N, 0.09, 128.8E, 0.1, h35km, n11,
a157/12, mb4.2/6, ID, North of Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like SUI, KCP, etc.

IDC 18 04:28:06.1.2.1, 17.91S, 178.31W, h600km, 19km, mb3.1/9,
mb1 3.4/10, mb1mx3.2/45, mbtmp4.1/10, Error ellipse:
s-maj=51.6km s-min=16.1km az=145.0

ISC 18 04:28:05.9.1.2, 17.9S, 0.4, 178.3W, 0.2, h600km, n12,
a075/14, mb3.8/9, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MSVF, CTA, etc.

IDC 18 04:28:04.0.1.2, 15.17N, 144.07E, h0km, mb3.9/5,
mb1 4.0/5, mb1mx3.6/50, mbtmp3.9/5, MS3.5/4, Ms1 3.6/4,
ms1mx0.4/5, Error ellipse: s-maj=43.5km s-min=20.1km
az=78.0

ISC 18 04:28:08.8.1.0, 15.1N, 0.1, 144.2E, 0.2, h35km, n13,
a173/7, mb3.7/5, MS3.8/3, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, DAV, etc.

RSPR 18 04:32:07.2, 19.01N, 68.58W, h164km, 3km, MD3.6/6

ISC 18 04:32:06.1.4.1, 19.1N, 0.3, 68.7W, 0.2, h150km, n27,
a057/36, 9C, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like AGPR, LSP, etc.

IDC 18 04:36:47.5.1.0, 15.39N, 144.39E, h0km, mb3.8/8,
mb1 4.0/8, mb1mx3.8/47, mbtmp3.8/8, MS3.4/5, Ms1 3.5/5,

ms1mx2.9/48, Error ellipse: s-maj=34.7km s-min=17.5km
az=87.0

ISC 18 04:36:52.4.0.9, 15.30N, 0.09, 144.4E, 0.2, h35km, n13,
a1915/10, mb3.9/8, MS3.3/5, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, SIJI, etc.

IDC 18 04:45:40.0.1.2, 15.18N, 144.12E, h0km, mb3.6/5,
mb1 3.8/5, mb1mx3.6/42, mbtmp3.6/5, MS3.2/2, Ms1 3.2/2,
ms1mx2.6/45, Error ellipse: s-maj=49.0km s-min=20.0km
az=77.0

ISC 18 04:45:45.0.1.1, 15.1N, 0.1, 144.2E, 0.3, h35km, n8,
a1834/7, mb3.9/5, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, MJAR, etc.

IDC 18 04:51:02.6.1.3, 15.18N, 144.14E, h0km, mb3.4/3,
mb1 3.7/3, mb1mx3.4/45, mbtmp3.4/3, Error ellipse:
s-maj=51.3km s-min=25.5km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, WRA, etc.

IDC 18 04:54:55.9.1.3, 15.17N, 144.02E, h0km, mb3.8/4,
mb1 4.0/4, mb1mx3.6/45, mbtmp3.8/4, MS3.3/2, Ms1 3.4/2,
ms1mx2.6/52, Error ellipse: s-maj=52.7km
s-min=22.1km az=72.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, WRA, etc.

IDC 18 04:56:32.5.1.9, 14.53S, 177.42W, h394km, 42km,
mb3.2/3, mb1 3.4/5, mb1mx3.1/40, mbtmp4.0/5, Error
ellipse: s-maj=122.1km s-min=19.6km az=149.0, Fiji
Islands region

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

IDC 18 05:01:41.1.2.5, 15.30N, 144.64E, h0km, mb3.7/4,
mb1 3.8/4, mb1mx3.5/43, mbtmp3.7/4, MS3.3/4, Ms1 3.3/4,
ms1mx2.8/44, Error ellipse: s-maj=73.5km
s-min=22.8km az=74.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like GUMO, SIJI, etc.

IDC 18 05:08:50.0.2.3, 13.18N, 126.80E, h0km, mb3.6/5,
mb1 3.7/5, mb1mx3.5/47, mbtmp3.6/5, Error ellipse:
s-maj=161.8km s-min=20.4km az=70.0

18d 6h

MAN 18 05:08:57.5, 12°35N, 124°71E, h28km, mb4.6, ML3.5, MS3.4

ISC 18 05:08:59.1-1.0, 12.31N, 0.04x124.75E, 0.09, h35km, n17, s=241/23, mb3.5/5, Samar

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like CNP, OCLP, PVCP, etc.

NEIC 18 05:20:00.4-1.1, 18.2°N, 0.3x68.5W, 0.2, h174km, 10km, Error ellipse: s-maj=48.1km s-min=21.7km az=182.0

RSRP 18 05:20:00.3, 18.36N, 68.50W, h178km, 1km, MD3.7/10

ISC 18 05:19:59.4-4.4, 18.4N, 0.3x68.5W, 0.2, h175km, 20km, n34, s=050/41, 11C, Mona Passage

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AGPR, LSP, MLPR, etc.

DJA 18 05:27:12.5, 1.0, 9°S, 13°12'E, h143km, 13km, M3.2/6, MLV3.2/6

ISC 18 05:27:40.0, 13.0, 10.12S, 121.52E, h156km, 44km, mb3.0/1, mb1 3.0/5, mb2 2.9/7, mbtpm3.7/5, MS3.4/2, Ms1 3.4/2, ms1 1.0/7, Error ellipse: s-maj=184.0km s-min=67.3km az=110.0

ISC 18 05:27:11.7-1.5, 8.7S, 0.2x119.61E, 0.07, h150km, n12, s=082/10, Flores region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like BASI, EDI, TWSI, etc.

ISC 18 05:29:42.9, 3.2, 15.30N, 144.32E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/5, mbtpm3.8/4, Error ellipse: s-maj=133.9km s-min=29.4km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like WRA, MKAR, KURBB, etc.

ISC 18 05:31:28.6, 6.7, 36.74N, 71.49E, h77km, 31km, mb3.5/4, mb1 3.7/10, mb1mx3.3/6, mbtpm4.0/10, Error ellipse: s-maj=89.1km s-min=26.3km az=161.0

NMC 18 05:31:35.1-4.1, 37.67N, 71.12E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=41.0km s-min=22.8km az=152.0

ISC 18 05:31:34.2-1.7, 37.3N, 0.1x71.14E, 0.09, h100km, n22, s=0128/27, mb3.8/4, 2C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AML, UCH, EKSZ, etc.

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Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like KK31, AAK, AAK, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AAK, AAK, CHMS, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like GEYT, MKAR, KURBB, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like ABTO, AKTO, ZALV, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like ARCES, HFS, NB2, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like NOA, YKA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like WSI, BAFI, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like WRA, MKAR, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AAK, AAK, KK31, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like MKAR, ZALV, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like TORO, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like SJA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like NEIC, VAO, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like NEIC, GDC, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like NEIC, GCMT, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB08, CPUP, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB01, PB01, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB01, PB11, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like TA02, TA02, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like TA01, TA01, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB07, PB07, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB03, PB03, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like PB16, PB16, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like LVC, LVC, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like LVC, LVC, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AP01, AP01, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like GO02, SA, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like FSA, AC02, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AHML, GO03, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like AC05, LCO, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like CP01, CPUP, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists stations like ARAG, CPBS, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like TJU01, BB19B, IPMB, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like U40A, U40A, FVM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like HAWA, CO9A, FCC, etc.

IDC 18 09:29:21.9.4.1, 7.86S, 117.18E, h229km, 39km, 63/612, mb1 3.8/14, mb1mx3.5/5.1, mbtmp4.3/14, Error ellipse: s-maj=41.5km s-min=12.2km az=69.0

NEIC 18 09:29:23.6.1.7, 7.85S, 0.1x117.39E, 0.07, h248km, 7km, mb4.1/13, Error ellipse: s-maj=16.8km s-min=10.2km az=186.0

DJA 18 09:29:25.3.0.3, 8.5S, 117.7E, h249km, 4km, M4.3/16, mb4.8/3, mb4.5/7, MLV4.2/16, Mw(mb)4.0/3

ISC 18 09:29:24.5.0.5, 7.89S, 117.43E, 0.05, h250km, n58, r173/61, mb4.0/14, Bali Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like PLAI Plampang, TWSI Taliwang, SRBI Singaraja, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like BATI Baumenta, UGM Wanagama, SOEI Soe, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like WB0 Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like STKA Stephens Creek, SKTA Toolangi, KSRs Korea Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like USRK Ussuriysk Arr, SONM Songino Array, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KURB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like ZALV Zalesovo Beam, Vnda Vanda, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like TORO Torodi Arr, MAN 18 09:43:27.3, BIP Bislig, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like TKM2 Tokmak 2, MKAR Makanchi Array, AB31 Akbulak array, etc.

IDC 18 10:04:10.3.1.9, 0.03S, 125.63E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.5/5.0, mbtmp3.7/3, MS3.1/3, Ms1 3.1/3, ms1mx2.6/4.3, Error ellipse: s-maj=165.2km s-min=26.3km az=64.0

DJA 18 10:04:15.8.0.4, 0.1N, 124.4E, h10km, M3.9/6, mb5.0/1, mb4.3/1, MLV3.7/6, Mw(mb)4.3/1

ISC 18 10:04:13.8.0.9, 0.12N, 125.98E, 0.07, h10km, n15, r253/12, mb3.8/3, Northern Molucca Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like TNTI Ternate, KMSI Cibinong, SANI Sanana, etc.

IDC 18 10:08:37.4.2.1, 2.15N, 127.31E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/5.7, mbtmp3.5/3, Error ellipse: s-maj=134.0km s-min=27.5km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, KRVT Keratj (AS076), etc.

IDC 18 10:10:21.0.1.7, 5.17N, 175.33W, h0km, mb3.5/5, mb1 3.9/7, mb1mx3.5/7.0, mbtmp3.6/7, ML3.8/2, MS2.9/1, Ms1 1.2/1, ms1mx2.4/4.2, Error ellipse: s-maj=49.0km s-min=33.7km az=111.0

NEIC 18 10:10:26.3.1.7, 5.116N, 175.07W, 0.07, h24km, 7km, Error ellipse: s-maj=12.9km s-min=4.9km az=157.0

AEIC 18 10:10:27.1.4.5, 7.61N, 175.08W, 0.06, h26km, 3km, ML3.5/21, Error ellipse: s-maj=12.6km s-min=4.6km az=162.0

ISC 18 10:10:27.9.0.5, 9.517N, 175.09W, 0.05, h40km, n37, r2503/35, mb3.4/5, Andreeanof Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like GSMY Great Sitkin M, GSTR Great Sitkin T, GSTD Great Sitkin T, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like ADAG Mount Adagak, ADK Adak, KIKV Kanaga Island, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like AMKA Amchitka, NIKH Nikolski High, UNV Unalaska Valle, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like SP1A Saint Paul Isl, KDAK Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like MA2 Magadan, INK Inuvik, YKA Yellowknife Arr, etc.

TAP 18 10:56:44.4, 24.54N, 122.23E, h75km, ML3.5, B, JMA 18 10:56:44.3, 0.2, 24.50N, 122.21E, h77km, 4km, M2.7, ISC 18 10:56:45.1, 1.2, 24.53N, 122.22E, 0.02, h68km, 6km, n116, r1903/216, 4C-6D, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like ILA Ilan, ILA Ilan, TWB1 Santiago Chiao, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like TWB1 baz=330, TWE Neicheng, TWE baz=289, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like YJNG Yonagunijima, YJNG Datong Townshi, NDT baz=278, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like WFSB Wu-fen Shan, WFSB baz=314, NACB Ninganchiao, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like YJNG Yonaguni jima, YJNG baz=96, YJNG Yonaguni jima, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like WULAI Wulai, WULAI baz=298, NWLT baz=298, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like TWA Mucha, TWA baz=314, ETLH XiuLin Townshi, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like NHDH Xindian Distri, NHDH baz=311, NNSB Datong, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like NNSH Datong, NNSH baz=255, NNSH baz=255, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like NNS Nan Shan, NNS baz=256, NNS baz=256, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, ISC, Time, Res. Includes stations like HWA Hwalien, HWA baz=218, HWA baz=218, etc.

18d 11h

Table with columns: STT, Station Name, Az, El, Pn, Time, Res. Includes stations like Nanijung, Hsinchu, Taichung City, etc.

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Table with columns: STT, Station Name, Az, El, Pn, Time, Res. Includes stations like SNST, SGST, SLGT, etc.

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Table with columns: SOEI, MTKI, CISI, FITZ, etc. Includes station names like Soe, Muara Teweh, Cismopt, etc.

| | | | | |
|------|----------------------------------------------|-----------|------|-----------------|
| LZH | | sP | sP | 15 36 19.6 +1.7 |
| LZH | | eS | Sn | 15 39 15.4 -1.4 |
| LZH | | pmax | pmax | |
| LZH | comp=Z,68nm,1.1s | | | |
| LZH | comp=Z,380nm,4.5s | pmax | pmax | |
| LZH | comp=Z,3um,13.6s | LR | LR | |
| LZH | comp=Z,1um,12.5s | LR | LR | |
| LZH | comp=Z,2um,14.6s | LR | LR | |
| UTHA | Uthaitani | 17.04 132 | P | 15 36 11.4 +1.6 |
| | comp=Z,458nmcomp=Z,52nm,0.8s | | | |
| SLVN | Son Lu | 17.10 108 | P | 15 36 11.3 +0.8 |
| BOOM | Boomskeye usch | 17.10 333 | P | 15 36 08.2 -0.7 |
| BOOM | comp=Z,41nm,0.8s | | | |
| BOOM | comp=Z,458nmcomp=Z,52nm,0.8s | | | |
| TNSS | Tian-Shan | 17.18 336 | eP | 15 36 08.6 -1.6 |
| TNSS | baz=336 | | | |
| TNSS | Tian-Shan | 17.18 336 | eP | 15 36 08.5 -1.6 |
| MDOK | Medeo | 17.25 336 | eP | 15 36 10.5 -0.3 |
| MDOK | baz=336 | | | |
| MDOK | comp=Z,716nm,13.0s, baz=336 | LR | LR | 15 42 15.0 |
| MDOK | Medeo | 17.25 336 | eP | 15 36 10.4 -0.3 |
| MDOK | comp=Z,716nm,13.0s | MLR | MLR | |
| AAA | Alma-Ata | 17.34 336 | eP | 15 36 11.4 -0.4 |
| AAA | baz=336 | | | |
| AAA | comp=Z,493nm,11.4s, baz=336 | eS | Sn | 15 39 25.2 +0.6 |
| AAA | Alma-Ata | 17.34 336 | eP | 15 36 11.3 -0.5 |
| AAA | baz=336 | | | |
| AAA | comp=Z,493nm,11.4s, baz=336 | eS | Sn | 15 39 25.1 +0.6 |
| UCH | Uchter | 17.50 329 | P | 15 36 14.2 +0.1 |
| UCH | SNR=27 | | | |
| TKM2 | Tokmak 2 | 17.60 333 | P | 15 36 14.9 -0.2 |
| TKM2 | SNR=15 | | | |
| TKM2 | Tokmak 2 | 17.60 333 | iP | 15 36 14.0 -1.2 |
| TKM2 | SNR=15 | | | |
| KBK | Karagaybulak | 17.65 331 | P | 15 36 19.5 +2.8 |
| KBK | SNR=65 | | | |
| AML | Almayaysh | 17.81 328 | P | 15 36 16.6 -1.2 |
| AAK | Ala-Archa | 17.84 330 | P | 15 36 17.7 -0.3 |
| AAK | comp=Z,3.7nm,0.3s, baz=154, slow=7.9, SNR=48 | LR | LR | 15 43 37.2 |
| AAK | comp=Z,1um,18.1s, baz=134, slow=39 | LR | LR | |
| AAK | Ala-Archa | 17.84 330 | P | 15 36 20.4 +1.7 |
| AAK | SNR=27 | | | |
| AAK | Ala-Archa | 17.84 330 | iP | 15 36 19.6 +0.9 |
| AAK | SNR=27 | | | |
| AAK | comp=Z,245nm,1.7s | pmax | pmax | |
| AAK | Ala-Archa | 17.84 330 | P | 15 36 18.5 -0.2 |
| CHHK | Chushkaly | 17.88 337 | eP | 15 36 17.6 -0.8 |
| BTK | Batken | 17.90 318 | P | 15 36 15.0 -3.7 |
| BTK | comp=Z,62nm,0.7s | pmax | pmax | |
| BTK | Batken | 17.90 318 | IAMB | 15 36 35.3 |
| FRU1 | Bishkek | 17.92 331 | P | 15 36 18.1 -0.8 |
| FRU1 | comp=Z,62nm,0.7s | pmax | pmax | |
| FRU1 | comp=Z,36nm,0.8s | pmax | pmax | |
| FRU1 | Bishkek | 17.92 331 | P | 15 36 18.1 -0.8 |
| GYA | Guyiang | 18.07 89 | iP | 15 36 21.6 +0.3 |
| GYA | comp=Z,15umcomp=Z,84nm,1.0s | | | |
| GYA | comp=Z,41nm,1.1s | pmax | pmax | |
| GYA | comp=Z,200nm,4.0s | pmax | pmax | |
| GYA | comp=Z,350nm,7.9s | LR | LR | |
| GYA | comp=Z,730nm,10.3s | LR | LR | |
| GYA | comp=Z,730nm,16.0s | LR | LR | |
| NONG | Nongkai | 18.10 118 | P | 15 36 22.3 +0.7 |
| KUU | Kurty | 18.14 336 | eP | 15 36 20.4 -1.3 |
| KUU | baz=336 | | | |
| KUU | comp=Z,421nm,12.9s, baz=336 | LR | LR | 15 42 51.4 |
| KUU | Kurty | 18.14 336 | eP | 15 36 20.3 -1.3 |
| KUU | comp=Z,421nm,13.0s | MLR | MLR | |
| EKS2 | Erkin-Say | 18.18 329 | P | 15 36 24.5 +2.1 |
| USP | Ospenovka | 18.34 331 | P | 15 36 27.5 +3.4 |
| USP | SNR=1 | | | |
| SGDS | Sogindiy | 18.44 332 | eP | 15 36 24.4 -0.9 |
| SGDS | baz=332 | | | |
| SGDS | Sogindiy | 18.44 332 | eP | 15 36 24.3 +0.9 |
| SGDS | baz=332 | | | |
| TDK | Taldyqorghon | 18.48 342 | eP | 15 36 24.8 -0.8 |
| TDK | comp=Z,31nm,0.6s, baz=341 | LR | LR | 15 43 14.4 |
| TDK | Taldyqorghon | 18.48 342 | eP | 15 36 24.7 -0.8 |
| TDK | comp=Z,531nm,12.8s, baz=341 | pmax | pmax | |
| TDK | comp=Z,31nm,0.6s | MLR | MLR | |
| TDK | Taldyqorghon | 18.48 342 | eP | 15 36 24.7 -0.8 |
| TDK | comp=Z,31nm,0.6s | MLR | MLR | |
| CHAI | Chaiyaphum | 18.56 126 | P | 15 36 29.7 +2.8 |
| CHAI | comp=Z,7nm,1.0s | | | |
| MK31 | Makanchi Array | 19.40 351 | iP | 15 36 35.4 -0.3 |
| MK31 | comp=Z,10.0nm,0.4s | pmax | pmax | |
| MK31 | Makanchi Array | 19.40 351 | P | 15 36 34.8 -0.9 |
| MK31 | comp=Z,148nm,1.9s | IAMB | IAMB | 15 36 37.0 |
| MKAR | Makanchi Array | 19.40 351 | P | 15 36 35.5 -0.2 |
| MKAR | comp=Z,11nm,0.3s, baz=173, slow=9.7, SNR=110 | LR | LR | 15 45 16.7 |
| MKAR | comp=Z,886nm,19.6s, baz=167, slow=41 | LR | LR | |
| MKAR | Makanchi Array | 19.40 351 | iP | 15 36 35.5 -0.2 |
| MKAR | comp=Z,29nm,0.5s | pmax | pmax | |
| MAK2 | Makanchi | 19.46 351 | P | 15 36 35.8 -0.5 |
| MAK2 | comp=Z,31nm,0.7s | pmax | pmax | |
| MAK2 | Makanchi | 19.46 351 | P | 15 36 35.8 -0.5 |
| DZA | Taraz | 19.54 325 | eP | 15 36 37.3 +0.1 |
| DZA | comp=Z,16nm,0.6s, baz=325 | P | P | 15 36 37.3 +0.1 |
| DZA | Taraz | 19.54 325 | eP | 15 36 37.3 +0.1 |
| DZA | comp=Z,16nm,0.6s | pmax | pmax | |
| TAS | Tashkent | 19.59 319 | P | 15 36 36.6 -1.3 |
| TAS | comp=Z,66nm,0.8s | pmax | pmax | |
| TAS | Tashkent | 19.59 319 | P | 15 36 36.5 -1.3 |
| TAS | comp=Z,66nm,0.8s | IAMB | IAMB | 15 37 07.8 |
| IUG | luzhnyay | 19.71 322 | eP | 15 36 37.9 -1.3 |
| IUG | baz=321 | | | |
| IUG | luzhnyay | 19.71 322 | eP | 15 36 37.9 -1.3 |
| ZSN | Zaisan | 19.82 357 | eP | 15 36 39.2 -1.0 |
| ZSN | baz=357 | | | |
| ZSN | Zaisan | 19.82 357 | eP | 15 36 39.2 -1.0 |
| SRK | Srakawey | 19.89 130 | P | 15 36 54.7 +1.2 |
| PATY | Pattaya | 19.91 134 | P | 15 36 47.1 +3.9 |
| BTLS | Baital | 19.99 334 | eP | 15 36 41.9 -0.2 |
| BTLS | baz=333 | | | |
| BTLS | Baital | 19.99 334 | eP | 15 36 41.9 -0.2 |
| BTLS | baz=333 | | | |
| KK31 | Karatay Array | 20.11 324 | P | 15 36 43.5 +0.1 |
| KK31 | comp=Z,21nm,0.8s | pmax | pmax | |
| KK31 | Karatay Array | 20.11 324 | P | 15 36 43.5 +0.1 |
| KKAR | Karatay Array | 20.11 324 | P | 15 36 43.5 +0.1 |
| KKAR | comp=Z,21nm,0.8s | pmax | pmax | |
| KKAR | Karatay Array | 20.11 324 | P | 15 36 43.7 +0.3 |
| XAN | Xi'an | 20.33 66 | P | 15 36 44.8 -1.1 |
| XAN | comp=Z,19nm,0.9s | pmax | pmax | |
| XAN | comp=Z,290nm,5.4s | LR | LR | |
| XAN | comp=Z,3um,16.3s | LR | LR | |
| XAN | comp=Z,800nm,13.0s | LR | LR | |
| XAN | comp=Z,2um,13.0s | LR | LR | |
| XAN | Xi'an | 20.33 66 | P | 15 36 44.5 -1.4 |
| XAN | comp=Z,39nm,1.0s | pmax | pmax | |
| XAN | Xi'an | 20.33 66 | P | 15 36 44.5 -1.4 |
| ENH | Enshi | 20.35 77 | P | 15 36 45.8 -0.4 |
| ENH | comp=Z,62nm,0.8s | IAMB | IAMB | 15 37 07.6 |
| PALK | Pallekele | 20.97 196 | P | 15 36 55.5 -0.1 |
| PALK | comp=Z,8.3nm,0.8s, baz=103, slow=14, SNR=2.5 | P | P | |
| PALK | comp=Z,12nm,0.6s, baz=30, slow=5.5, SNR=2.0 | S | S | 15 40 40.5 -5.7 |
| PALK | comp=Z,820nm,19.3s, baz=131, slow=36 | LR | LR | 15 45 25.5 |
| PALK | Pallekele | 20.97 196 | P | 15 36 54.4 -1.1 |
| PALK | comp=Z,241nm,2.0s | pmax | pmax | |
| PALK | Pallekele | 20.97 196 | P | 15 36 54.4 -1.1 |
| PALK | comp=Z,241nm,2.0s | IAMB | IAMB | 15 37 09.0 |
| UBPT | Khong Chiam | 21.54 121 | P | 15 37 07.3 +8.3 |
| UBPT | comp=Z,44nm,1.1s | P | P | |
| UBPT | Khong Chiam | 21.54 121 | P | 15 36 58.1 -0.9 |
| HRA | Herat | 21.76 294 | P | 15 36 59.2 -2.4 |
| SURT | Suratani | 21.95 145 | P | 15 37 12.5 +9.1 |
| DGZ | Jazzatar, 1.1s | 22.05 2c | iP | 15 37 04.0 -0.4 |
| DGZ | comp=Z,104nm,1.5s | pmax | pmax | |
| PKDT | Phuket | 22.64 148 | P | 15 37 24.0 +1.3 |
| QIZ | Giongzhong | 23.12 107 | S | 15 37 19.9 +1.0 |
| QIZ | comp=Z,750nm,34.3s | LR | LR | 15 41 26.8 0.0 |
| SEM | Semipalatinsk | 23.22 350 | eP | 15 37 14.7 -2.2 |
| SEM | baz=350 | | | |
| SEM | Semipalatinsk | 23.22 350 | eP | 15 37 14.7 -2.2 |
| SEM | baz=350 | | | |
| SEM | comp=Z,344nm,11.7s, baz=350 | LR | LR | 15 46 38.0 |
| SEM | Semipalatinsk | 23.22 350 | eP | 15 37 14.7 -2.2 |
| SEM | comp=Z,344nm,12.0s | MLR | MLR | 15 41 27.6 -0.9 |
| BTO | Baotou | 23.35 50 | eP | 15 37 16.8 -1.3 |
| KURB | Kurchatov Arra | 23.73 347 | P | 15 37 21.1 -0.5 |
| KURB | comp=Z,12nm,0.5s, baz=166, slow=9.0, SNR=49 | P | P | |
| KURK | Kurchatov | 23.80 348 | iP | 15 37 22.4 +0.1 |
| KURK | comp=Z,101nm,1.3s | pmax | pmax | |
| KURK | Kurchatov | 23.80 348 | P | 15 37 21.1 -1.2 |
| KURK | comp=Z,80nm,1.1s | IAMB | IAMB | 15 37 24.5 |
| HHC | Hu-ho-hao-te | 24.51 51 | eP | 15 37 29.4 +0.2 |
| HHC | comp=Z,20nm,1.0s | pmax | pmax | |
| HHC | Hu-ho-hao-te | 24.51 51 | eP | 15 37 29.4 +0.2 |
| HHC | comp=Z,20nm,1.0s | pmax | pmax | |
| HHC | comp=Z,300nm,5.5s | LR | LR | 15 37 59.6 -0.5 |
| HHC | comp=Z,1um,12.2s | LR | LR | 15 41 47.0 -2.2 |
| HHC | comp=Z,2um,13.9s | LR | LR | |
| HHC | comp=Z,2um,13.2s | LR | LR | |
| WHN | Wuhan | 24.55 77 | iP | 15 37 29.1 -0.4 |
| WHN | comp=Z,2um,4.6s | LR | LR | |
| WHN | comp=Z,840nm,5.5s | LR | LR | |
| WHN | comp=Z,1um,14.2s | LR | LR | |
| BRZS | Berezniiki | 24.67 338 | eP | 15 37 30.0 -0.4 |
| BRZS | comp=Z,11nm,0.7s, baz=338 | eS | S | 15 41 52.5 +1.0 |
| BRZS | Berezniiki | 24.67 338 | eP | 15 37 30.0 -0.4 |
| BRZS | comp=Z,11nm,0.7s | eS | S | 15 41 52.4 +1.0 |
| BRZS | baz=338 | | | |
| BRZS | Berezniiki | 24.67 338 | eP | 15 37 30.0 -0.4 |
| BRZS | comp=Z,11nm,0.7s | eS | S | 15 41 52.4 +1.0 |
| BRZS | baz=338 | | | |
| WSAR | Wadi Sarin | 25.45 266 | P | 15 37 40.2 +2.5 |
| WSAR | comp=Z,4.5nm,0.6s, baz=56, slow=14, SNR=6.5 | LR | LR | 15 48 14.4 |
| SONM | Songino Array | 25.48 32 | P | 15 37 37.7 -0.2 |
| SONM | comp=Z,1.62nm,18.3s, baz=106, slow=38 | P | P | |
| SONM | comp=Z,7.9nm,0.6s, baz=219, slow=10, SNR=63 | LR | LR | 15 48 58.1 |
| SONM | comp=Z,2um,21.0s, baz=226, slow=40 | LR | LR | |
| ULN | Ulaanbaatar | 25.82 33 | P | 15 37 40.4 -0.6 |
| ULN | comp=Z,30nm,1.1s | pmax | pmax | |
| ULN | Ulaanbaatar | 25.82 33 | P | 15 37 40.4 -0.6 |
| ULN | comp=Z,30nm,1.1s | IAMB | IAMB | 15 37 40.8 |
| GEYT | Alibek | 25.83 301 | P | 15 37 43.0 +1.9 |
| GEYT | comp=Z,30nm,1.1s | P | P | |
| GEYT | comp=Z,6.0nm,0.7s, baz=110, slow=13, SNR=10 | LR | LR | 15 50 08.9 |
| GYAO | ALIBECK ARRAY | 25.83 301 | P | 15 37 43.2 +2.2 |
| GYAO | comp=Z,85nm,1.7s | pmax | pmax | |
| GYAO | ALIBECK ARRAY | 25.83 301 | P | 15 37 43.2 +2.1 |
| GYAO | comp=Z,85nm,1.7s | IAMB | IAMB | 15 38 01.0 |
| DLV | L'at | 25.91 123 | P | 15 37 44.8 +2.8 |
| KULM | Kulim | 26.02 146 | P | 15 37 46.0 +3.1 |
| ZAK | Zakamensk | 26.10 25 | eP | 15 37 43.5 +0.1 |
| ZAK | comp=Z,31nm,1.2s | pmax | pmax | |
| ZAK | Zakamensk | 26.10 25 | eP | 15 37 43.5 +0.1 |
| ZAK | comp=Z,31nm,1.2s | pmax | pmax | |
| ZAAO | Zalesovo Array | 26.31 358 | P | 15 37 44.8 -0.4 |
| ZALV | Zalesovo Beam | 26.31 358 | P | 15 37 44.7 -0.5 |
| ZALV | comp=Z,14nm,0.5s, baz=184, slow=9.1, SNR=43 | LR | LR | 15 49 53.5 |
| ZALV | comp=Z,2um,18.7s, baz=185, slow=41 | LR | LR | |
| TPTI | 26.33 155 | P | P | 15 37 57.1 +1.1 |
| MOY | Monday | 26.39 21 | eP | 15 37 46.8 +0.7 |
| MOY | comp=Z,11nm,1.1s | pmax | pmax | |
| IMM | Iph | 26.91 146 | P | 15 37 54.8 +3.9 |
| IMM | comp=Z,78nm,1.9s | pmax | pmax | |
| IMM | Iph | 26.91 146 | P | 15 37 54.8 +3.9 |
| IMM | comp=Z,78nm,1.9s | pmax | pmax | |
| IMM | Talaya | 27.29 24 | LR | 15 49 44.9 |
| IMM | comp=Z,793nm,19.0s, baz=152, slow=39 | LR | LR | |
| PSI | Prapat | 27.43 152 | P | 15 37 57.2 +1.4 |
| PSI | comp=Z,71nm,2.0s | pmax | pmax | |
| RPSI | Rantau Prapat | 27.53 152 | P | 15 37 57.2 +0.7 |
| RPSI | comp=Z,71nm,2.0s | IAMB | IAMB | 15 38 37.9 |
| BVAR | Borovoye Array | 28.02 339 | P | 15 38 00.1 -0.5 |
| BRVK | Borovoye | 28.08 339 | iP | 15 38 01.4 +0.3 |
| BRVK | comp=Z,3.8nm,0.4s, baz=151, slow=13, SNR=17 | pmax | pmax | |
| BRVK | Borovoye | 28.08 339 | iP | 15 38 01.4 +0.3 |
| BRVK | comp=Z,3.8nm,0.4s, baz=151, slow=13, SNR=17 | pmax | pmax | |
| BRVK | comp=Z,6.0nm,0.7s | pmax | pmax | |
| BRVK | Borovoye | 28.08 339 | | |

Table with columns: WORD, Divnogorie, 42.34 317, eP, P, 15 40 02.9 -0.6, etc. Includes stations like Anapa, Matushiro, Moscow, etc.

Table with columns: HAMF, VYHS, VYHS, PDG, PDG, MORC, MORC, MORC, MORC, etc. Includes stations like Hammerfest, Vyhne, Podgorica, etc.

Table with columns: SUMG, SUMG, SUMG, PAB, PAB, PAB, TULEG, TULEG, TOLK, TOLK, etc. Includes stations like Summit, San Pablo, Thule, Toolik Lake, etc.

PRU 15:43:32.0±0.0, 51.54N x 16.23E, h0km, Poland
Code Station Name Δ° AZT Phase ID Time Res
CHVC Chvalec 0.96 187° Op ISC h m s ISC

| | | | | | |
|------|----------------|----------|----|-----------------|-----------------|
| TNOU | baz=333 | eS | Sb | 17 46 52.1 +0.3 | |
| TWA | Mucha | 0.39 290 | eP | Pb | 17 46 46.3 -0.4 |
| TWA | baz=297 | S | Sb | 17 46 51.8 -0.9 | |
| ENAH | Nanao | 0.43 202 | eP | Pg | 17 46 46.0 -0.5 |
| ENAH | baz=200 | eS | Sg | 17 46 52.3 +0.1 | |
| NHHD | Xindian Distri | 0.43 285 | eP | Pb | 17 46 47.5 -0.1 |
| NHHD | baz=291 | eS | Sb | 17 46 53.2 -0.7 | |
| ENTT | Nioudou | 0.43 242 | eP | Pg | 17 46 46.4 -0.3 |
| ENTT | baz=244 | S | Sg | 17 46 52.3 -0.1 | |
| NWLT | Wulai | 0.45 261 | eP | Pg | 17 46 46.8 0.0 |
| NWLT | baz=265 | S | Sg | 17 46 52.9 +0.1 | |
| TATO | Taipei | 0.47 286 | eP | Pb | 17 46 47.8 -0.4 |
| TATO | baz=291 | S | Sb | 17 46 54.4 -0.5 | |
| TAP | Taipei | 0.47 294 | eP | Pg | 17 46 47.4 0.0 |
| TAP | baz=299 | S | Sb | 17 46 55.2 +0.1 | |
| YM01 | YM01 | 0.48 308 | P | Pb | 17 46 48.7 +0.4 |
| YM01 | baz=313 | eS | Sb | 17 46 54.8 -0.5 | |
| YM11 | YM11 | 0.49 310 | eP | Pb | 17 46 49.1 +0.6 |
| YM11 | baz=315 | P | Pb | 17 46 49.0 +0.5 | |
| YM10 | YM10 | 0.49 309 | P | Pb | 17 46 49.0 +0.5 |
| YM10 | baz=313 | eS | Sb | 17 46 56.3 +0.6 | |
| YM08 | YM08 | 0.49 313 | eP | Pb | 17 46 48.8 +0.2 |
| YM08 | baz=318 | P | Pb | 17 46 48.9 +0.3 | |
| YM05 | YM05 | 0.49 310 | P | Pb | 17 46 48.9 +0.3 |
| YM05 | baz=314 | eS | Sg | 17 46 56.9 -2.4 | |
| ND05 | Datong Townshi | 0.49 240 | eP | Pg | 17 46 47.4 -0.4 |
| ND05 | baz=243 | eS | Sg | 17 46 55.3 +0.9 | |
| NDT | baz=243 | eS | Sb | 17 46 56.9 +0.7 | |
| BACT | New Taipei Cit | 0.52 287 | eS | Sb | 17 46 49.8 +0.4 |
| ANP | Anpu | 0.54 309 | eP | Pb | 17 46 48.0 -2.5 |
| ANP | baz=313 | eS | Sb | 17 46 49.8 +0.3 | |
| TWY | Chenhua | 0.55 321 | eP | Pb | 17 46 50.3 +0.5 |
| TWY | baz=325 | eP | Pb | 17 46 50.3 +0.5 | |
| TWS1 | Kuangyinshan | 0.57 296 | eP | Pb | 17 46 58.5 +0.5 |
| TWS1 | baz=301 | S | Sb | 17 46 50.8 -1.1 | |
| NTST | Danshui | 0.58 303 | eP | Pn | 17 46 58.9 +0.7 |
| NTST | baz=307 | eS | Sb | 17 46 48.9 -0.5 | |
| YHNB | Yeheng | 0.58 252 | eP | Pg | 17 46 57.6 +0.4 |
| YHNB | baz=255 | S | Sg | 17 46 49.2 -0.4 | |
| NSK | Sanguang | 0.60 253 | eP | Pg | 17 46 51.2 +0.5 |
| NSK | baz=255 | eS | Sg | 17 47 01.6 +0.2 | |
| NNS | Nan Shan | 0.69 234 | eP | Pb | 17 46 50.9 -0.6 |
| NNS | baz=234 | eS | Sb | 17 47 01.8 +0.4 | |
| NNSB | Datong | 0.69 233 | eP | Pg | 17 46 52.9 +0.6 |
| NNSB | baz=234 | eS | Sb | 17 47 03.7 -1.5 | |
| NCUH | Zhongli | 0.74 279 | eP | Pg | 17 46 52.5 -0.6 |
| NCUH | baz=282 | eS | Sn | 17 47 02.1 -1.2 | |
| NACB | Ninganchiao | 0.76 208 | eP | Pb | 17 46 52.5 -1.1 |
| NACB | baz=207 | eS | Sb | 17 47 02.5 -1.7 | |
| ENAH | Xiulin Townshi | 0.79 216 | eP | Pb | 17 46 54.5 +0.5 |
| ENAH | baz=215 | eS | Sb | 17 47 06.5 -0.9 | |
| ETLH | Etzhuong | 0.82 262 | eP | Pg | 17 46 54.0 -0.5 |
| ETLH | baz=264 | eS | Sn | 17 47 04.8 -0.9 | |
| NJD | Chiawan | 0.84 205 | eP | Pb | 17 46 55.1 +0.4 |
| NJD | baz=203 | eS | Sb | 17 47 08.3 -0.1 | |
| TWD | Xinwu Township | 0.87 281 | eP | Pg | 17 46 55.0 -0.7 |
| TWD | baz=283 | eS | Sn | 17 47 08.1 +0.8 | |
| NHW | NHW | 0.91 257 | eP | Pn | 17 46 56.2 -0.2 |
| NHW | baz=283 | eS | Sn | 17 47 09.0 -0.4 | |
| FUSS | Fushou | 0.90 229 | eP | Pb | 17 46 56.1 +0.5 |
| FUSS | baz=229 | eS | Sg | 17 47 08.6 +0.8 | |
| LIOB | Emei | 0.91 257 | eP | Pn | 17 46 56.6 +0.3 |
| LIOB | baz=259 | eS | Sn | 17 47 10.2 -0.5 | |
| SBCB | Hsinchu | 0.91 267 | eP | Pg | 17 46 56.4 -0.1 |
| SBCB | baz=268 | eS | Sb | 17 46 56.1 +0.3 | |
| NSST | Nanjung | 0.92 257 | eP | Pg | 17 47 08.6 +0.8 |
| NSST | baz=258 | eS | Sg | 17 46 56.6 +0.3 | |
| NSTT | NSTT | 0.95 231 | eP | Pb | 17 47 10.2 -0.5 |
| TWT | Tachien | 0.95 231 | eP | Pb | 17 46 56.4 -0.1 |
| TWT | baz=232 | eS | Sn | 17 46 56.4 -0.1 | |
| JYNG | Yonagunijimaku | 0.96 114 | P | Pg | 17 46 56.4 -0.1 |
| JYNG | baz=232 | eS | Sg | 17 47 09.8 +0.7 | |
| TDCB | Techi | 0.96 232 | eP | Pg | 17 46 56.4 -0.1 |
| TDCB | baz=232 | eS | Sb | 17 47 08.6 -0.6 | |
| WHF | Hehuan Shan | 0.96 223 | eP | Pb | 17 46 55.7 -1.0 |
| WHF | baz=223 | eS | Sb | 17 47 08.9 -0.6 | |
| YOJ | Yonaguni jima | 1.01 112 | eP | Pb | 17 46 56.9 -0.5 |
| YOJ | baz=109 | eS | Sg | 17 47 11.3 +0.7 | |
| YOJ | Yonaguni jima | 1.01 112 | P | Pb | 17 46 57.6 +0.3 |
| YOJ | baz=281 | eS | Sb | 17 47 11.1 +0.6 | |
| CHGB | Renai | 1.08 223 | eP | Pb | 17 46 58.3 -0.4 |
| CHGB | baz=223 | eS | Sn | 17 47 13.4 -0.6 | |
| WHP | Taichung City | 1.10 239 | eP | Pg | 17 46 59.5 +0.2 |
| WHP | baz=240 | eP | Pg | 17 47 00.0 +0.2 | |
| NMLH | Miaoili | 1.13 254 | eP | Pg | 17 47 16.8 +2.3 |
| NMLH | baz=255 | eS | Sg | 17 46 58.7 -1.0 | |
| ESL | Shilin | 1.15 206 | eP | Pn | 17 47 15.4 +0.1 |
| ESL | baz=205 | eS | Sb | 17 47 01.0 +0.5 | |
| NSY | Sanyi | 1.20 249 | eP | Pb | 17 47 18.1 +1.5 |
| NSY | baz=250 | eS | Sg | 17 47 01.6 +0.3 | |
| TWQ1 | Liyutan | 1.21 246 | eP | Pg | 17 47 18.2 +1.1 |
| TWQ1 | baz=246 | eS | Sg | 17 47 01.5 +0.2 | |
| DPDB | Guoxing | 1.26 230 | eP | Pn | 17 47 19.1 +0.3 |
| DPDB | baz=230 | eS | Sg | | |

| | | | | | |
|-------|----------------|----------|----|-----------------|-----------------|
| EGFH | Guangfu | 1.28 204 | eP | Pn | 17 47 01.6 +0.1 |
| SMLT | Sun Moon Lake | 1.38 226 | eP | Pn | 17 47 03.4 +0.4 |
| TYC | Yuehr | 1.39 228 | eP | Pb | 17 47 04.1 +0.2 |
| TYC | baz=227 | eS | Sb | 17 47 22.7 +1.1 | |
| SSLB | Suanguang | 1.42 222 | eP | Pn | 17 47 03.9 +0.4 |
| SSLB | baz=221 | eS | Sb | 17 47 23.1 +0.9 | |
| HGSD | Ruisui | 1.45 201 | eP | Pb | 17 47 05.8 +1.0 |
| HGSD | baz=200 | eP | Pn | 17 47 04.4 +0.2 | |
| EHY | Hungye | 1.47 205 | eP | Pn | 17 47 05.6 +0.5 |
| WJS | Zhushan | 1.54 229 | eP | Sb | 17 47 27.0 +1.3 |
| WJS | baz=228 | eS | Sb | 17 47 06.8 +0.4 | |
| WHYT | Xinyi Township | 1.54 222 | eP | Pb | 17 47 27.9 +0.2 |
| WHYT | baz=222 | eS | Sg | 17 47 06.2 +0.5 | |
| YULB | Yu-li | 1.58 204 | eP | Pn | 17 47 27.3 +0.3 |
| YULB | baz=203 | eS | Sb | 17 47 08.3 +0.6 | |
| TWF1 | Yuli | 1.62 203 | eP | Pb | 17 47 06.5 -0.4 |
| TWF1 | baz=202 | eS | Sb | 17 47 09.2 -0.3 | |
| IRIF | Iriomote-Funau | 1.67 107 | P | Pn | 17 47 32.4 +1.3 |
| IRIF | baz=107 | eS | Sb | 17 47 09.2 -0.4 | |
| ALS | Alishan | 1.71 219 | eP | Pb | 17 47 31.5 +0.3 |
| ALS | baz=218 | eS | Sb | 17 47 08.9 +0.7 | |
| CHNS | Changshu | 1.73 224 | eP | Pb | 17 47 11.3 -0.8 |
| CHNS | baz=224 | eS | Pn | 17 47 10.9 +0.2 | |
| FULB | Fuli | 1.76 201 | eP | Pn | 17 47 12.2 +0.4 |
| FULB | baz=200 | eP | Pb | 17 47 13.8 -1.0 | |
| ELDTW | Lidau | 1.88 208 | eP | Pb | 17 47 38.7 +0.8 |
| ELDTW | baz=207 | P | Pn | 17 47 13.8 -0.1 | |
| JKRS | Kuro-shima | 1.94 108 | P | Pb | 17 47 13.5 -1.1 |
| JKRS | baz=108 | eS | Sb | 17 47 10.9 +0.2 | |
| CHN4 | Tsaushan | 1.96 221 | eP | Pb | 17 47 10.9 +0.2 |
| CHN4 | baz=220 | eS | Sb | 17 47 12.2 +1.3 | |
| TPUB | Ta-pu | 1.98 219 | eP | Pb | 17 47 38.7 +0.8 |
| TPUB | baz=220 | eS | Sb | 17 47 13.8 -0.1 | |
| STYT | Taiyuan | 2.02 214 | eP | Pb | 17 47 39.0 +0.6 |
| STYT | baz=213 | P | Pn | 17 47 13.5 -1.1 | |
| JJJ | Ishigaki jima | 2.02 103 | P | Pb | 17 47 13.5 -1.1 |
| JJJ | baz=103 | P | Pn | 17 47 12.2 +0.4 | |
| WTP | Ta-pu | 2.03 218 | eP | Pb | 17 47 13.8 -1.0 |
| WTP | baz=218 | eS | Sb | 17 47 38.7 -1.2 | |
| CHN1 | Nanshi | 2.13 219 | eP | Pn | 17 47 14.1 +0.8 |
| CHN1 | baz=218 | P | Pn | 17 47 14.0 +0.7 | |
| JJSG | Ishigakijimahi | 2.13 97 | P | Pn | 17 47 14.0 +0.7 |
| JJSG | baz=97 | eP | Pb | 17 47 14.4 +0.4 | |
| SGST | Jiashan | 2.18 216 | eP | Pb | 17 47 15.6 +1.5 |
| SGST | baz=215 | eP | Pn | 17 47 18.0 +1.2 | |
| TWGBT | Beinan | 2.19 202 | eP | Pn | 17 47 20.4 +1.3 |
| TWGBT | baz=202 | eP | Pn | 17 47 23.1 -1.8 | |
| SCST | Cishan | 2.38 215 | eP | Pn | |
| SCST | baz=214 | eP | Pb | | |
| MASBT | Mashibuluo | 2.55 209 | eP | Pn | |
| MASBT | baz=209 | eP | Pb | | |
| LYJJ | Jianjiangzhen | 2.63 311 | eP | Pb | |
| LYJJ | baz=311 | eP | Pb | | |

TAP 18 17:47:18.4, 24:65N:122:21E, h2km, ML3.7, C
 JMA 18 17:47:19.4, 24:61N:122:23E, h31km, 4km, M2.8
 ISC 18 17:47:17.9, 1.0, 24:59N:122:31E:0.01, h9km, 8km,
 n124, e099/241, Taiwan region

| Code | Station Name | Δ° | AZ° | Phase | ID | ISC | Time | Res |
|------|----------------|------|-----|-------|----|-----|------------|------|
| | | | | | | | h m s | ISC |
| TWC | Suao | 0.42 | 272 | eP | Pg | | 17 47 25.9 | -0.2 |
| TWC | baz=262 | eS | Sg | | | | 17 47 32.5 | +0.9 |
| ENAH | Nanao | 0.48 | 253 | P | Pg | | 17 47 27.6 | +0.5 |
| ENAH | baz=240 | S | Sb | | | | 17 47 35.1 | -0.4 |
| TWB1 | Sano Chiao | 0.51 | 325 | P | Pg | | 17 47 27.7 | 0.0 |
| TWB1 | baz=331 | eS | Sg | | | | 17 47 33.8 | -0.6 |
| NTC | Toucheng | 0.51 | 301 | eP | Pg | | 17 47 27.6 | -0.2 |
| NTC | baz=300 | S | Sg | | | | 17 47 35.4 | +1.0 |
| ILA | ilan | 0.54 | 289 | P | Pg | | 17 47 28.2 | -0.1 |
| ILA | baz=285 | eS | Sg | | | | 17 47 35.1 | -0.3 |
| TIPB | Shuangxi | 0.58 | 311 | P | Pg | | 17 47 29.3 | +0.2 |
| TIPB | baz=312 | eS | Sg | | | | 17 47 35.9 | -0.9 |
| JYNG | Yonagunijimaku | 0.60 | 104 | P | Pn | | 17 47 31.9 | -0.6 |
| JYNG | baz=104 | P | Pn | | | | 17 47 42.2 | -0.1 |
| TWE | Neicheng | 0.60 | 282 | P | Pg | | 17 47 29.2 | -0.3 |
| TWE | baz=278 | eS | Sg | | | | 17 47 37.4 | +0.1 |
| YOJ | Yonaguni jima | 0.65 | 101 | P | Pn | | 17 47 33.7 | +0.4 |
| YOJ | baz=103 | S | Sb | | | | 17 47 44.7 | +1.0 |
| YOJ | Yonaguni jima | 0.65 | 101 | P | Pn | | 17 47 32.9 | -0.4 |
| YOJ | baz=103 | P | Pn | | | | 17 47 43.5 | -0.2 |
| NWF | Wu-fen Shan | 0.68 | 315 | eP | Pg | | 17 47 31.9 | +1.0 |
| NWF | baz=317 | S | Sg | | | | 17 47 40.5 | +0.6 |
| WFSB | Wu-fen Shan | 0.68 | 315 | eP | Pg | | 17 47 31.9 | +1.0 |
| WFSB | baz=317 | S | Sg | | | | 17 47 40.3 | +0.5 |
| ENTT | Nioudou | 0.68 | 274 | P | Pg | | 17 47 31.2 | +0.3 |
| ENTT | baz=268 | S | Sg | | | | 17 47 39.8 | 0.0 |
| NDT | Datong Townshi | 0.72 | 271 | eP | Pg | | 17 47 32.2 | +0.3 |
| NDT | baz=265 | eS | Sb | | | | 17 47 41.8 | +0.4 |
| TNOU | National Taiwa | 0.74 | 319 | P | Pg | | 17 47 31.6 | -0.5 |
| TNOU | baz=321 | S | Sg | | | | 17 47 41.1 | -0.7 |
| NWLT | Wulai | 0.76 | 284 | eP | Pg | | 17 47 32.5 | 0.0 |
| NWLT | baz=281 | eS | Sb | | | | 17 47 43.1 | +0.8 |
| TWA | Mucha | 0.76 | 300 | eP | Pg | | 17 47 32.8 | +0.2 |
| TWA | baz=300 | eS | Sg | | | | 17 47 42.0 | -0.6 |
| NACB | Ninganchiao | 0.77 | 238 | eP | Pb | | 17 47 33.4 | -0.1 |
| NACB | baz=229 | eS | Sb | | | | 17 47 44.0 | -0.1 |
| NHHD | Xindian Distri | 0.80 | 298 | P | Pg | | 17 47 33.7 | +0.4 |
| NHHD | baz=296 | eS | Sg | | | | 17 47 43.2 | -0.6 |
| TWD | Chiawan | 0.83 | 232 | eP | Pn | | 17 47 34.9 | -0.8 |
| TWD | baz=224 | eS | Sn | | | | 17 47 48.1 | +0.1 |
| TATO | Taipei | 0.84 | 297 | eP | Pg | | 17 47 34.5 | +0.5 |
| TATO | baz=296 | eS | Sg | | | | 17 47 44.3 | -0.7 |
| ETLH | Xiulin Townshi | 0.85 | 243 | eP | Pb | | 17 47 34.7 | -0.1 |
| ETLH | baz=236 | eS | Sb | | | | 17 47 46.6 | +0.3 |
| YHNB | Yeheng | 0.85 | 275 | P | Pg | | 17 47 34.3 | 0.0 |

| | | | | |
|------|---------|----|----|-----------------|
| YHNB | baz=271 | eS | Sg | 17 47 46.0 +0.5 |
| TAP | Taipei | | | |

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TYC, YULB, WDJ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SCZT, PNG, PHUB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NB2, NOA, NRAO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NWLT, YOJ, YOH, YOH, YOH, NHDH, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tololo Observa, Villa Florida, Brasilia, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Black Hills, Casper, Rawlins, etc.

NEIC 18 19:00:58.6 1.3, 20.3S; 0.2x177.6W; 0.1, h537km, 13km, mb4.5/23, Error ellipse: s-maj=24.7km s-min=19.6km
IDC 18 19:01:00.2 2.1, 20.14S; 177.71W, h549km, 22km, mb3.3/7, mb1.3/6.10, mb1mx3.3/3.7, mbtmp4.2/10, Error ellipse: s-maj=33.2km s-min=18.3km az=143.0
ISC 18 19:00:59.5 0.6, 20.3S; 0.1x177.63W; 0.09, h550km, n36, az=070/37, mb4.4/1.8, Fiji Islands region

IDC 18 19:15:44.9 1.1, 38.00S; 73.25W, h0km, mb4.1/8, mb1.4/1.10, mb1mx4.0/25, mbtmp4.0/10, ML4.0/2, MS3.5/7, Ms1.3/5.7, ms1mx3.3/3.2, Error ellipse: s-maj=34.7km s-min=18.4km az=90.0
SJA 18 19:15:48.7 0.4, 37.73S; 73.13W, h10km, 4km, ML4.0, MV4.2
NEIC 18 19:15:50.5 0.9, 37.96S; 0.05; 73.17W; 0.1, h36km, 4km,

Error ellipse: s-maj=13.7km s-min=6.7km az=75.0
GUC 18 19:15:50.5, 0.5, 38.02S; 73.16W, h44km, 2km, ML4.5
ISC 18 19:15:49.7-1.1, 38.00S; 0.03; 73.17W, 0.4, h32km, 9km,
n64, c09970, mb4.4/1.0, MS3.4/3, 3C-3D, Near coast of
Central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

0.0nm, 0.3s, baz=314, slow=14, SNR=3.8
MKAR Makahiki Array 66.22 331 P P 19 47 52.3 -3.7

IDC 18 19:43:12.3; 54.0, 22.86S; 175.12W, h0km, mb4.2/3,
mb1 4.4/3, mb1mx3.0/40, mb1mx3.1/3, ML3.0/2, Error ellipse:
s-maj=1010.0km s-min=166.4km az=87.0
NEIC 18 19:43:31.1-0.3, 24.3S; 0.1: 176.9W; 0.2, h35km, 2km,
mb4.5/14, Error ellipse: s-maj=34.8km s-min=14.2km
az=115.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations for the South of Fiji Islands region.

MOS 18 20:10:52.8; 1.1, 56.65S; 25.53W, h10km, mb5.5/11,
MS5.2/16, Error ellipse: s-maj=16.5km s-min=9.7km
az=114.5

IDC 18 20:10:52.0; 0.3, 56.57S; 25.43W, h0km, mb5.1/24,
mb1 5.1/25, mb1mx1.5/28, mb1mx1.5/25, ML4.8/1, MS5.0/21,
MS1.5/0.21, ms1mx4.9/23, Error ellipse: s-maj=13.4km
s-min=11.3km az=41.0

NEIC 18 20:10:53.4; 2.2, 56.63S; 0.1: 10.25; 4W; 0.2, h10km, 1km,
mb5.6/106, Ms 2.0/5.3/22, Mw=5.5, Mw=5.5(GCMT), Error
ellipse: s-maj=17.6km s-min=14.0km az=208.0

NEIC 18 20:10:57.5; 73S; 24.94W, h20km, Moment Tensor
Solution. Moment tensor: Scale 10^17 Nm; Mr1: 1.83;
Mw=0.15; Mw=0.38; Mw=0.81; Mw=0.01; Fault
plane solution: Ms: 1.980000; 1.107000; NP2: 348.0000; 348.0000;
348.0000; 1.107000; NP2: 145.0000; 145.0000; 145.0000;
1.750000; Principal axes: T: 1.9128, Plg7.0000;
Az=348.0000; N: 0.1220, Plg11.0000; Az=156.0000; P:
-2.0349, Plg2.0000; Az=246.0000;
GCMT 18 20:11:00.4; 0.1, 56.64S; 0.01: 25.14W; 0.01, h14km,
MW5.4/141, Moment Tensor Solution. s130.c215;
s141.c246; Duration: 1s3 Moment tensor: Scale 10^17
Nm; Mr1: 1.40; 0.2; Mw=0.72; Mw=1.58; 0.2;
Mw=0.10; 0.4; Mw=0.75; 0.2; Mw=0.82; 0.5; Best double
couple: Ms: 1.834000; 1.017; NP1: 149.0000; 333.0000;
1.740000; NP2: 348.0000; 359.0000; 1.100000;
Principal axes: T: 1.6190, Plg74.0000; Az=284.0000;
N: 0.4250, Plg8.0000; Az=163.0000; P: 2.0490,
Plg13.0000; Az=71.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function

NEIC 18 20:11:01.0; 56.66S; 25.14W, h14km, Moment Tensor
Solution. Moment tensor: Scale 10^17 Nm; Mr1: 1.63;
Mw=0.01; Mw=1.64; Mw=0.17; Mw=0.72; Mw=0.65; Fault
plane solution: Ms: 1.910000; 1.017; NP1: 145.0000;
338.0000; 1.680000; NP2: 353.0000; 355.0000;
347.0000; 1.107000; Principal axes: T: 1.8056, Plg74.0000;
Az=309.0000; N: 0.1918, Plg14.0000; Az=163.0000; P:
1.9974, Plg9.0000; Az=71.0000;

ISC 18 20:10:56.2; 0.2, 56.65S; 0.06: 25.45W; 0.05, h29km, n757,
c191691, mb5.6/75, MS3.3/142, 9C-11D, South
Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

| | | | | |
|-------|--------------------------------------------|-----------|---------|--------------------|
| LPZAZ | comp=Z,196nm,0.8s,baz=140,slow=6.9,SNR=245 | LR | LR | 20 46 28.0 |
| LPZAZ | comp=Z,508nm,18.0s,baz=158,slow=42 | | | |
| LPZAZ | La Paz | 51.49 304 | eP | 20 19 59.9 +0.3 |
| CASY | Casey | 53.06 159 | P | 20 20 10.6 +0.6 |
| CASY | Casey | | Iamb | 20 20 12.6 |
| CASY | comp=Z,66nm,0.9s | | | |
| CASY | Casey | 53.06 159 | IAMS_20 | IAMS_20 20 42 29.6 |
| LSZ | Lusaka | 57.68 67 | P | 20 20 43.6 -0.5 |
| LSZ | LSZ | | Pmax | |
| LSZ | comp=Z,61nm,1.2s | | | |
| LSZ | Lusaka | 57.68 67 | P | 20 20 43.6 -0.5 |
| LSZ | LSZ | | Iamb | 20 20 59.8 |
| LSZ | comp=Z,61nm,1.2s | | | |
| LSZ | Lusaka | 57.68 67 | IAMS_20 | IAMS_20 20 45 21.4 |
| NNA | Nana | 59.36 297 | /P | 20 20 56.3 +0.6 |
| NNA | Nana | | Pmax | |
| NNA | comp=Z,171nm,1.1s | | | |
| NNA | Nana | 59.36 297 | P | 20 20 54.6 -1.1 |
| NNA | Nana | | Iamb | 20 20 57.6 |
| LIC | comp=Z,92nm,1.1s | | | |
| LIC | Lamto | 64.81 23 | eP | 20 21 32.2 +0.1 |
| KIC | Kosan Boka | 65.00 23 | eP | 20 21 32.5 -0.9 |
| OPO | comp=Z,102nm,1.5s | | | |
| OPO | Ambohitratempo | 65.15 86 | LR | 20 45 13.4 |
| TIC | Tomoudi | 65.22 22 | eP | 20 21 34.8 0.0 |
| DBIC | Dimbokro | 65.28 23 | P | 20 21 35.3 +0.2 |
| DBIC | comp=Z,16nm,1.0s,baz=187,slow=7.6,SNR=10.0 | | | |
| DBIC | Dimbokro | 65.28 23 | P | 20 44 33.3 |
| DBIC | Dimbokro | 65.28 23 | P | 20 21 33.8 -1.3 |
| DBIC | Dimbokro | 65.28 23 | Pmax | |
| DBIC | Dimbokro | 65.28 23 | P | 20 21 33.8 -1.3 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 08.4 +2.4 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 06.5 +0.3 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 07.6 +0.4 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 11.7 +1.3 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 12.4 +1.4 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 08.5 -3.9 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 12.2 0.0 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 15.0 +0.5 |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 16.9 +2.2 |
| DBIC | Dimbokro | 65.28 23 | Pmax | |
| DBIC | Dimbokro | 65.28 23 | Pmax | |
| DBIC | Dimbokro | 65.28 23 | P | 20 22 16.9 +2.2 |
| DBIC | Dimbokro | 65.28 23 | P | 20 21 54.7 |
| SOTA | Rioblanco | 71.59 305 | eP | 20 22 14.6 -0.7 |
| PCON | Cinco Dias | 71.67 305 | eP | 20 22 18.1 +2.3 |
| BBAC | Balboa, Cauca | 71.78 304 | eP | 20 22 12.2 -3.9 |
| MARF | Paez Belalcaza | 71.93 302 | eP | 20 22 18.7 +1.4 |
| POPC | Popayan, Colom | 72.06 309 | eP | 20 22 16.9 -0.7 |
| VILC | Villavicencio, | 72.54 309 | eP | 20 22 22.7 +1.9 |
| CHIC | Chingaza | 72.56 307 | eP | 20 22 20.6 +0.1 |
| ORTC | Ortega, Tolima | 72.56 307 | eP | 20 22 23.8 +0.4 |
| ROSC | El Rosal | 72.98 308 | P | 20 57 06.1 |
| ROSC | comp=Z,16nm,0.5s,baz=247,slow=2.6,SNR=10.0 | | | |
| ROSC | El Rosal | 72.98 308 | P | 20 22 23.4 0.0 |
| ROSC | El Rosal | 72.98 308 | Pmax | |
| ROSC | comp=Z,72nm,1.3s | | | |
| ROSC | El Rosal | 72.98 308 | P | 20 22 23.4 0.0 |
| ROSC | El Rosal | 72.98 308 | Iamb | 20 22 27.3 |
| ROSC | comp=Z,72nm,1.3s | | | |
| ROSC | El Rosal | 72.98 308 | IAMS_20 | IAMS_20 21 00 51.3 |
| KOWA | Kowa | 73.06 22 | P | 20 22 23.4 +0.1 |
| KOWA | Kowa | 73.06 22 | P | 20 21 00.9 |
| TOAO | Torodi Ar. Sit | 73.07 28 | P | 20 22 22.7 -0.7 |
| TORD | Torodi Ar. Bea | 73.07 28 | P | 20 22 22.7 -0.7 |
| TORD | comp=Z,10nm,1.0s,baz=196,slow=5.2,SNR=26 | | | |
| TORD | Torodi Ar. Bea | 73.07 28 | P | 20 50 19.0 |
| YOTC | Yotoco, Valle | 73.11 306 | eP | 20 22 21.7 -2.2 |
| ANIL | Santa Ana | 73.14 307 | eP | 20 22 24.9 +0.6 |
| TOLC | Tolima | 73.19 307 | eP | 20 22 22.8 -1.8 |
| TAMC | Tame, Arauca | 73.34 311 | eP | 20 22 25.3 -0.1 |
| RUSC | La Rusia | 73.39 310 | eP | 20 22 25.3 -0.7 |
| NORC | Norcasia | 73.87 308 | eP | 20 22 28.1 -0.1 |
| PLMC | San Jos del P | 73.90 306 | eP | 20 22 29.2 +0.8 |
| PLCV | Puerto La Cruz | 73.96 320 | P | 20 22 30.4 +1.8 |
| PCRV | Puerto La Cruz | 73.99 320 | P | 20 22 30.4 +1.6 |
| KMBO | Kilima Mbogo | 74.34 67 | P | 20 22 33.4 +2.1 |
| KMBO | comp=Z,3.1nm,0.9s,baz=202,slow=6.6,SNR=6.2 | | | |
| KMBO | Kilima Mbogo | 74.34 67 | P | 20 55 39.1 |
| PAMC | comp=Z,785nm,18.4s,baz=198,slow=36 | | | |
| PAMC | Pampiona, Colo | 74.53 311 | eP | 20 22 31.4 -1.2 |
| PTBC | PUERTO BERRIO, | 74.56 309 | eP | 20 22 29.7 -2.5 |
| CBOC | Ciudad Bolivar | 74.64 307 | eP | 20 22 31.9 -0.9 |
| BHRC | Barraza, Sant | 74.75 310 | eP | 20 22 26.3 -7.0 |
| GRGR | Grenville | 74.78 323 | P | 20 23 34.9 +1.5 |
| GRGR | IAMS_20 | IAMS_20 | | 20 56 56.2 |
| SDV | Santo Domingo | 75.09 313 | P | 20 22 35.8 +0.4 |
| SDV | Santo Domingo | 75.09 313 | P | 20 22 36.0 +0.6 |
| SDV | Santo Domingo | 75.09 313 | P | 20 22 35.9 +0.4 |
| SDV | Santo Domingo | 75.09 313 | Iamb | 20 22 40.3 |
| ZARC | Zaragoza, Cauc | 75.59 309 | eP | 20 22 35.6 -2.5 |
| OCAC | Ocaña | 75.60 311 | eP | 20 22 36.2 -2.2 |
| SVB | Belmont | 75.72 324 | P | 20 22 38.0 -0.8 |
| SVB | Belmont | 75.72 324 | Iamb | 20 22 41.7 |
| UREC | San Jos de Ur | 76.11 308 | eP | 20 22 40.7 -0.4 |
| PDF | Fort de France | 76.10 325 | P | 20 22 48.6 +2.2 |
| PDF | Fort de France | 76.10 325 | Pmax | |
| PDF | Fort de France | 76.10 325 | P | 20 22 48.6 +2.2 |
| MOTC | Monteria, Cord | 77.28 309 | eP | 20 22 48.1 +1.6 |
| WHZ | Wether Hill Ro | 77.28 310 | Iamb | 20 22 48.3 +1.0 |
| WHZ | Wether Hill Ro | 77.28 310 | Iamb | 20 22 49.2 |
| ARGC | Arguani, Magd | 77.45 311 | eP | 20 22 50.5 +1.9 |
| DCZ | Deep Cove | 77.76 189 | P | 20 22 49.9 -0.1 |
| DCZ | Deep Cove | 77.76 189 | Iamb | 20 22 57.5 |
| ODZ | Otahua Downs | 77.83 192 | P | 20 22 51.4 +0.9 |
| WKZ | Wanaka | 78.22 190 | P | 20 22 53.3 +0.6 |
| WKZ | Wanaka | 78.22 190 | Iamb | 20 23 10.2 |
| LBZ | Lake Benmore | 78.53 191 | P | 20 22 56.1 +1.7 |
| LBZ | Lake Benmore | 78.53 191 | Iamb | 20 22 57.4 |
| RPZ | Rata Peaks | 79.09 192 | P | 20 22 57.7 +0.2 |
| OXZ | Oxford | 79.36 193 | P | 20 22 53.5 +0.6 |
| LTZ | Lake Taylor | 79.87 193 | P | 20 23 02.4 +0.7 |
| LTZ | Lake Taylor | 79.87 193 | Iamb | 20 23 04.4 |
| LTZ | comp=Z,60nm,1.1s | | | |
| LTZ | IAMS_20 | IAMS_20 | | 20 58 39.8 |
| SKI | Saint Kitts | 80.00 324 | P | 20 23 02.8 +0.2 |
| SKI | Saint Kitts | 80.00 324 | P | 20 23 02.8 +0.2 |
| KHZ | Kahutara | 80.06 194 | P | 20 23 02.3 -0.4 |
| KHZ | Kahutara | 80.06 194 | Iamb | 20 24 48.1 |
| TAU | Tasmania Unive | 80.67 175 | P | 20 23 05.9 -0.1 |
| TAU | Tasmania Unive | 80.67 175 | Pmax | |
| TAU | Tasmania Unive | 80.67 175 | P | 20 23 05.9 -0.1 |
| TAU | Tasmania Unive | 80.67 175 | Iamb | 20 23 07.4 |
| BSWZ | Blackbirch Sta | 80.70 195 | P | 20 23 04.2 -2.0 |
| THZ | Tophouse | 80.79 194 | P | 20 23 07.2 +0.4 |
| THZ | Tophouse | 80.79 194 | Iamb | 20 23 20.6 |
| BHW | Baring Head | 80.86 195 | P | 20 23 06.3 -0.7 |

| | | | | |
|------|-------------------|-----------|---------|--------------------|
| TUWZ | Tuamarina | 80.97 195 | P | 20 23 07.2 -0.4 |
| NNZ | Nelson | 81.26 194 | P | 20 23 09.6 +0.5 |
| NNZ | Nelson | 81.26 194 | Iamb | 20 23 11.8 |
| BFZ | Birch Farm | 81.36 197 | P | 20 23 09.2 -0.5 |
| BFZ | Birch Farm | 81.36 197 | Iamb | 20 23 53.5 |
| BFZ | comp=Z,186nm,1.7s | | | |
| BFZ | IAMS_20 | IAMS_20 | | 21 04 11.6 |
| MTP | Monte Pirata | 81.65 322 | P | 20 23 11.3 0.0 |
| MTP | Monte Pirata | 81.65 322 | Iamb | 20 23 13.5 |
| PDPR | Patillas Dam, | 81.74 321 | P | 20 23 10.9 -0.9 |
| PDPR | Patillas Dam, | 81.74 321 | Iamb | 20 23 14.0 |
| QRZ | comp=Z,105nm,1.2s | | | |
| QRZ | Quartz Range | 81.76 194 | IAMS_20 | IAMS_20 21 01 04.9 |
| ICMP | Isla Caja de M | 81.80 321 | P | 20 23 11.6 -0.5 |
| HUMP | Col San Antoni | 81.80 321 | P | 20 23 12.7 +0.6 |
| HUMP | Col San Antoni | 81.80 321 | Iamb | 20 23 14.7 |
| SJG | San Juan | 81.87 321 | P | 20 23 12.5 0.0 |
| SJG | San Juan | 81.87 321 | P | 20 23 12.4 0.0 |
| SJG | San Juan | 81.87 321 | Pmax | |
| SJG | San Juan | 81.87 321 | Pmax | |
| SJG | San Juan | 81.87 321 | MLR | MLR |
| SJG | San Juan | 81.87 321 | P | 20 23 12.4 0.0 |
| SJG | San Juan | 81.87 321 | Iamb | 20 23 14.7 |
| CBYP | Canovanas | 81.92 322 | P | 20 23 12.7 -0.1 |
| OBIP | Obispado Ponce | 81.97 321 | P | 20 23 12.7 -0.3 |
| OBIP | Obispado Ponce | 81.97 321 | Iamb | 20 23 14.4 |
| GCPR | Guaynabo City | 82.03 321 | P | 20 23 13.0 -0.3 |
| GCPR | Guaynabo City | 82.03 321 | Iamb | 20 23 15.1 |
| MLPR | Magueyes Islan | 82.05 320 | P | 20 23 13.8 +0.4 |
| JTS | Las Juntas de | 82.62 301 | P | 20 23 16.1 -0.5 |
| JTS | Las Juntas de | 82.62 301 | P | 20 23 18.1 +1.5 |
| JTS | Las Juntas de | 82.62 301 | Pmax | |
| JTS | Las Juntas de | 82.62 301 | Pmax | |
| JTS | Las Juntas de | 82.62 301 | P | 20 23 17.3 +0.7 |
| JTS | Las Juntas de | 82.62 301 | Iamb | 20 23 19.7 |
| BKZ | Black Stump Fm | 82.81 197 | P | 20 23 18.3 +0.9 |
| BKZ | Black Stump Fm | 82.81 197 | Iamb | 20 23 30.5 |
| BKZ | comp=Z,97nm,1.5s | | | |
| BKZ | IAMS_20 | IAMS_20 | | 21 01 26.7 |
| TAM | Tamanrasset | 83.30 29 | P | 20 23 21.8 +1.8 |
| TAM | Tamanrasset | 83.30 29 | Pmax | |
| TAM | Tamanrasset | 83.30 29 | Pmax | |
| TAM | Tamanrasset | 83.30 29 | MLR | MLR |
| TAM | Tamanrasset | 83.30 29 | MLR | MLR |
| TAM | Tamanrasset | 83.30 29 | P | 20 23 21.8 +1.8 |
| URZ | Urevera | 83.59 198 | P | 20 23 21.8 +0.5 |
| URZ | Urevera | 83.59 198 | P | 20 23 21.9 +0.5 |
| URZ | Urevera | 83.59 198 | Iamb | 20 23 23.1 |
| URZ | Urevera | 83.59 198 | Iamb | 20 23 29.4 |
| URZ | comp=Z,41nm,1.1s | | | |
| URZ | IAMS_20 | IAMS_20 | | 21 01 39.1 |
| FURI | Furi | 83.66 63 | IAMS_20 | IAMS_20 20 58 17.4 |
| HIZ | Haiti | 83.70 196 | P | 20 23 22.5 +0.5 |
| ACON | Acopya | 84.19 302 | P | 20 23 23.8 -0.7 |
| ACON | Acopya | 84.19 302 | Iamb | 20 23 26.5 |
| JAKH | Jaekam | 84.33 316 | P | 20 23 26.1 +1.0 |
| SDDR | Presas de Saban | 84.53 317 | P | 20 23 26.8 +0.6 |
| SDDR | Presas de Saban | 84.53 317 | Iamb | 20 23 30.7 |
| LGNH | Logne | 84.61 316 | P | 20 23 27.9 +1.3 |
| MATN | Matagalpa | 85.38 302 | P | 20 23 31.4 +0.7 |
| MATN | Matagalpa | 85.38 302 | Iamb | 20 23 43.5 |
| MTDJ | Mount Denham | 86.33 311 | IAMS_20 | IAMS_20 21 02 57.9 |
| GTBY | Guantanamo Bay | 86.87 314 | IAMS_20 | IAMS_20 21 04 17.5 |
| TGUH | Teguigalpa,Un | 87.00 301 | P | 20 23 39.1 +0.4 |
| TGUH | Teguigalpa,Un | 87.00 301 | Iamb | 20 23 52.5 |
| OUZ | Omahuta | 87.12 196 | P | 20 23 38.9 -0.2 |
| OUZ | Omahuta | 87.12 196 | Iamb | 20 23 40.5 |
| TBI | Tubuai | 87.48 230 | eS | 20 34 22.3 +2.4 |
| TBI | Tubuai | 87.48 230 | eS | 20 34 22.3 +2.4 |
| TBI | Tubuai | 87.48 230 | eLR | 20 51 28.9 |
| MT03 | Montecristo | 88.29 299 | P | 20 23 44.6 -0.4 |

18d 20h

Table with columns for station ID, name, coordinates, and status. Includes stations like S22A, SBU, EROS Data Cent, etc.

2014 DEC

Table with columns for station ID, name, coordinates, and status. Includes stations like OMBB, HJVI, HAN, etc.

854

Table with columns for station ID, name, coordinates, and status. Includes stations like K02D, AML, OVA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBC3, WB2, WBA, WRR, DZM, KNRA, ASAR, FITZ, FORT, TORD.

GCG 18 21:58:09.6 0.3, 14:18'N:93:20'W, h35km, MD4.3
NEIC 18 21:58:14.2 0.2, 14:56'N:07:92:72'W, h105, h66km, 8km,
Error ellipse: s-maj=10.1km, s-min=6.3km, az=196.0

ISC 18 21:58:14.4 2.8, 14:83'N:92:20'W, h55km, 27km, mb3.6/3,
mb1.4 0.0, mb1mx3.6/3, mbtmp3.9/6, ML3.8, 3.0,
Error ellipse: s-maj=70.4km, s-min=18.0km, az=50.0

MEX 18 21:58:15.0 1.6, 14:63'N:92:66'W, h81km, 19km, MD4.4
SNET 18 21:58:16.0 1.2, 14:74'N:92:64'W, h34km, ML4.6

ISC 18 21:58:15.2 0.9, 14:66'N:06:02:70'W, 0.4, h62km, 8km,
n70, r1520/81, mb4.2/8, Near coast of Chiapas

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

IDC 18 21:58:49.0 4.0, 14:77'N:54:95'E, h0km, mb4.1/26,
mb1.4 2/27, mb1mx4.1/40, mbtmp4.1/27, ML3.5/1, MS3.7/7,
Ms1.3 7/7, ms1mx3.4/38, Error ellipse: s-maj=14.7km,
s-min=11.7km, az=125.0

NEIC 18 21:58:50.3 1.7, 14:63'N:0:06:54:92'E, 0.09, h10km, 1km,
mb4.6/60, Error ellipse: s-maj=15.4km, s-min=8.9km,
az=292.0

ISC 18 21:58:51.5 0.4, 14:72'N:0:07:54:88'E, 0.06, h14km, n138,
r1508/130, mb4.5/82, 2, Owen Fracture Zone region

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

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

IDC 18 22:00:12.7 0.8, 14:66'N:54:94'E, h0km, mb3.9/17,
mb1.4 1/17, mb1mx3.8/40, mbtmp3.9/17, MS4.1/2,
Ms1.4 1/2, ms1mx3.3/38, Error ellipse: s-maj=21.1km,
s-min=18.6km, az=11.0

NEIC 18 22:00:14.8 1.7, 14:8'N:0:1:54:9'E, 0.2, h10km, 1km,
mb4.4/14, Error ellipse: s-maj=27.0km, s-min=14.8km,
az=62.0

18d 22h

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like BBAC Balboa, Cauca, ANIL Santa Ana, 154A Montrose, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like U49A Red Boiling Sp, KAN13 South Haven SW, V53A Saluda, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like R55A Marlinton, S57A Dark Hollow, Q53A Leroy, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K57A Scipio Center, GRAC Grapevine Rang, L59A Walton, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like G002 Mina Guanaco, AC02 Mariguana, YKA Yellowknife Ar, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BATI Baumenta, CMAR Chiang Mai Ar, CMAR Walton, etc.

18d 22h
IDC 18 22:16:09.9z 1.6, 33.33N, 76.10E, h0km, mb3.5/6, mb1.3/6.9, mb1mx3.4/5.6, mbtrmp3.5/9, ML3.2, MS3.4/1, MSL1.3/4.1, ms1mx2.8/4.1, Error ellipse: s-maj=47.6km s-min=18.1km az=63.0

NDI 18 22:16:14.1, 1.6, 33.33N, 76.12E, h15km, 220km, MD2.8, IDC 18 22:16:12.1, 1.0, 33.27N, 76.05E, 95km, 0.09h, h26km, n22, e2312/26, mb3.5/5.1, C, Eastern Kashmir

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like THN Thein Dam, BHK Bhakra, NDI New Delhi, etc.

IDC 18 22:17:22.4z 5.0, 63.00N, 147.89W, h0km, Error ellipse: s-maj=43.5km s-min=32.7km az=176.0, AE1C 18 22:17:20.4z 1.4, 62.96N, 0.04, 148.02W, 0.09h, h16km, 9km, ML1.6, Error ellipse: s-maj=6.1km s-min=4.8km az=57.0, ISC 18 22:17:20.7z 1.4, 63.03N, 0.03, 147.92W, 0.04, h3km, 14km, n39, 0.94/42, Central Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RND Reindeer, PAX Paxson, TRF Thorofore Moun, etc.

REY 18 22:18:20.6z 64.66N, 17.39W, h1km, IDC 18 22:18:21.7z 0.9, 64.57N, 17.49W, h0km, mb3.8/9, mb1.3/9.1, mb1mx2.6/6.4, mbtrmp3.7/11, ML3.2, MS3.6/2, MSL1.3/6.2, ms1mx2.2/9.54, Error ellipse: s-maj=25.7km s-min=14.5km az=10.0

NE1C 18 22:18:22.7z 1.7, 64.55N, 0.1x17.4W, 0.1, h8km, 4km, mb4.4/22, Error ellipse: s-maj=19.6km s-min=8.2km az=182.0, ISC 18 22:18:22.6z 0.5, 64.64N, 0.02x17.39W, 0.02, h10km, n80, 0.91/6, mb4.1/18, Iceland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like IDJK Dzingjujokull, IDYN Dzingjuhals, IURH Urdarhals, etc.

| | | | | | |
|-------|-----------------------|----------|----|----|-----------------|
| KSU1 | Kansas State U | 3.00 13 | P | Pn | 23 07 43.1 +0.9 |
| KSU1 | baz=193 | | | Sb | 23 08 29.7 -1.1 |
| KSU1 | Kansas State U | 3.00 13 | P | Pn | 23 07 43.2 +1.1 |
| W39A | Magazine | 3.16 107 | P | Pn | 23 07 45.0 +0.7 |
| W39A | baz=289,SNR=35 | | | S | 23 08 24.3 +2.2 |
| W39A | Magazine | 3.16 107 | P | Pn | 23 07 44.4 +0.1 |
| CBKS | Cedar Bluff | 3.19 326 | P | Pn | 23 07 45.6 +0.8 |
| CBKS | baz=145,SNR=16 | | | Sb | 23 08 34.9 -2.0 |
| CBKS | Cedar Bluff | 3.19 326 | Pn | Pn | 23 07 46.4 +1.6 |
| Z38A | Mt. Pleasant | 3.56 144 | Pn | Pn | 23 07 49.9 +0.1 |
| MIAR | Mount Ida | 3.58 116 | P | Pn | 23 07 51.0 +0.9 |
| MIAR | baz=298,SNR=42 | | | S | 23 08 34.2 +1.8 |
| MIAR | Mount Ida | 3.58 116 | Pn | Pn | 23 07 50.9 +0.9 |
| S39A | Bolivar | 3.65 64 | P | Pn | 23 07 51.8 +0.7 |
| AMTX | Amarillo | 3.67 251 | Sb | Sb | 23 08 46.7 +2.7 |
| AMTX | baz=68 | | | Pn | 23 07 52.4 +1.1 |
| U40A | Yellville | 3.74 86 | P | Pn | 23 07 52.3 0.0 |
| U40A | baz=268,SNR=15 | | | Sb | 23 08 50.5 +4.5 |
| U40A | Yellville | 3.74 86 | Pn | Pn | 23 07 52.5 +0.2 |
| ABTX | Abilene, Hawle | 3.97 207 | Pn | Pn | 23 07 56.4 +0.9 |
| X40A | Basin Creek Fa | 4.15 113 | P | Pn | 23 07 58.5 +0.5 |
| X40A | baz=295,SNR=23 | | | S | 23 08 47.8 +1.2 |
| X40A | Basin Creek Fa | 4.15 113 | Pn | Pn | 23 07 58.7 +0.8 |
| WHTX | Lake Whitney, | 4.17 180 | P | Pn | 23 07 58.7 +0.4 |
| WHTX | baz=360 | | | Sb | 23 09 01.1 +2.6 |
| WHTX | Lake Whitney, | 4.17 180 | Pn | Pn | 23 07 58.9 +0.7 |
| MGMO | Mountain Grove | 4.30 75 | Pn | Pn | 23 08 00.5 +0.5 |
| WHAR | Woolly Hollow | 4.31 100 | Pn | Pn | 23 08 00.4 +0.3 |
| WLAR | White Oak Lake | 4.32 123 | Pn | Pn | 23 08 01.3 +0.5 |
| W41B | Gary Marvity, V | 4.37 102 | P | Pn | 23 08 01.2 +0.3 |
| W41B | baz=285,SNR=27 | | | S | 23 08 52.0 0.0 |
| W41B | Gary Marvity, V | 4.37 102 | Pn | Pn | 23 08 00.9 0.0 |
| 237A | Washetta, Mont | 4.38 161 | Pn | Pn | 23 08 00.6 -0.6 |
| N33A | J Bar K, Exete | 4.56 0 0 | Pn | Pn | 23 08 03.2 -0.4 |
| P38A | Dawn | 4.65 41 | Pn | Pn | 23 08 05.7 +0.9 |
| R40A | Madies Statio | 4.66 61 | Pn | Pn | 23 08 05.6 +0.7 |
| Z41A | Richland Creek | 4.82 126 | P | Pn | 23 08 07.3 +0.1 |
| Z41A | baz=308,SNR=5.1 | | | S | 23 09 03.0 -0.2 |
| Z41A | Richland Creek | 4.82 126 | Pn | Pn | 23 08 06.9 -0.3 |
| MSTX | Muleshoe | 4.87 245 | P | Pn | 23 08 08.3 +0.4 |
| MSTX | baz=62 | | | Sb | 23 09 21.1 +2.4 |
| MSTX | Muleshoe | 4.87 245 | Pn | Pn | 23 08 08.0 +0.1 |
| N35A | Tabor | 4.89 16 | Pn | Pn | 23 08 08.7 +0.6 |
| KSC0 | Kaye Shedlock' | 4.98 306 | P | Pn | 23 08 10.5 +1.1 |
| KSC0 | baz=123 | | | S | 23 08 10.4 +1.0 |
| KSC0 | Kaye Shedlock' | 4.98 306 | Pn | Pn | 23 08 10.5 +1.1 |
| NATX | Nacogdoches | 4.98 151 | S | Sn | 23 09 06.6 -0.6 |
| LCAR | Lake Charles | 5.12 89 | Pn | Pn | 23 08 11.4 +0.2 |
| CCAR | Cane Creek | 5.19 114 | Pn | Pn | 23 08 12.5 +0.3 |
| BGNE | Belgrade | 5.25 354 | S | Sn | 23 08 13.4 +0.2 |
| BGNE | baz=174,SNR=6.9 | | | S | 23 09 13.8 0.0 |
| BGNE | Belgrade | 5.25 354 | Pn | Pn | 23 08 13.3 +0.2 |
| CCM | Cathedral Cave | 5.32 67 | P | Pn | 23 08 15.0 +1.0 |
| CCM | baz=251 | | | S | 23 09 15.7 +0.3 |
| CCM | Cathedral Cave | 5.32 67 | Pn | Pn | 23 08 14.9 +0.9 |
| 435B | Jarrell | 5.38 181 | P | Pn | 23 08 15.0 +0.2 |
| 435B | baz=1.1 | | | S | 23 09 16.3 -0.7 |
| 435B | Jarrell | 5.38 181 | Pn | Pn | 23 08 14.9 +0.2 |
| P40A | Paris | 5.45 50 | Pn | Pn | 23 08 17.5 +1.8 |
| T25A | Trinidad | 5.65 282 | P | Pn | 23 08 18.8 -0.1 |
| T25A | baz=98 | | | Pn | 23 08 19.1 +0.2 |
| N38A | Joess South For | 5.69 35 | Pn | Pn | 23 08 18.9 -0.2 |
| L34A | Svendens Farm, | 5.85 9 | Pn | Pn | 23 08 22.1 +1.0 |
| OGNE | Ogallala | 5.95 325 | Pn | Pn | 23 08 24.3 +1.5 |
| JCT | Junction City | 6.00 200 | P | Pn | 23 08 23.2 -0.3 |
| JCT | baz=18 | | | Pn | 23 08 22.9 -0.5 |
| JCT | Junction City | 6.00 200 | Pn | Pn | 23 08 23.4 +0.3 |
| 143A | Soos Landings, | 6.09 123 | Pn | Pn | 23 08 26.0 +0.7 |
| CFXR | Cap Rock | 6.13 241 | Pn | Pn | 23 08 28.9 +0.9 |
| PENMO | Penman | 6.34 85 | Pn | Pn | 23 08 28.9 +0.9 |
| 441A | DeRidder | 6.49 145 | Pn | Pn | 23 08 31.1 +1.1 |
| K31A | O'Neill | 6.52 352 | Pn | Pn | 23 08 30.9 +0.4 |
| HALT | Halls | 6.59 90 | Pn | Pn | 23 08 32.4 +0.9 |
| SCIA | State Center | 6.61 29 | Pn | Pn | 23 08 32.5 +0.7 |
| SCIA | baz=211,SNR=16 | | | Pn | 23 08 31.9 +0.1 |
| SDCO | Great Sand Dun | 6.62 286 | Pn | Pn | 23 08 32.8 +0.7 |
| Q24A | Divide | 6.70 297 | Pn | Pn | 23 08 33.2 -0.1 |
| S44A | Carbondale | 6.75 75 | Pn | Pn | 23 08 34.2 +0.4 |
| W45A | Hickory Valley | 6.82 96 | Pn | Pn | 23 08 35.6 +1.0 |
| N41A | Harden Midland | 6.89 47 | Pn | Pn | 23 08 36.5 +0.9 |
| P43A | Skaggs, Pawnee | 7.17 59 | Pn | Pn | 23 08 40.9 +1.4 |
| Q44A | Meyer Farm, Va | 7.25 65 | Pn | Pn | 23 08 42.5 +2.0 |
| ISCO | Idaho Springs | 7.38 302 | Pn | Pn | 23 08 42.8 +0.2 |
| ISCO | baz=11,SNR=6.4 | | | Pn | 23 08 42.9 +0.4 |
| K38A | Parkersburg | 7.42 28 | Pn | Pn | 23 08 43.1 +0.3 |
| ANMO | Albuquerque | 7.42 263 | Pg | Pg | 23 09 06.9 +3.4 |
| ANMO | baz=11,SNR=9.3 | | | Lg | 23 10 43.0 |
| ECSD | EROS Data Cent | 7.58 5 | Pn | Pn | 23 08 44.2 -0.8 |
| L40A | Anamosa | 7.63 38 | Pn | Pn | 23 08 45.6 0.0 |
| HDIL | Hopedale | 7.77 53 | P | Pn | 23 08 47.9 +0.3 |
| HDIL | baz=298,SNR=9.8 | | | Pn | 23 08 47.6 -0.1 |
| MNTX | Cornudas Mount | 7.94 238 | P | Pn | 23 08 50.0 -0.1 |
| MNTX | baz=54 | | | Pn | 23 08 50.8 +0.8 |
| PHWY | Pilot Hill | 8.07 312 | Pn | Pn | 23 08 51.7 -0.3 |
| N23A | Red Feather La | 8.14 308 | Pn | Pn | 23 08 53.8 +0.8 |
| N23A | baz=123,SNR=12 | | | Pn | 23 08 54.6 +1.7 |
| N23A | Red Feather La | 8.14 308 | Pn | Pn | 23 08 54.5 +0.3 |
| Z47A | Carrollton | 8.38 81 | Pn | Pn | 23 08 55.6 -0.5 |
| T47A | Sharon Grove | 8.40 31 | Pn | Pn | 23 08 57.8 +1.4 |
| L42A | Oliver, Polo | 8.41 44 | Pn | Pn | 23 08 57.1 +0.4 |
| I37A | Lemond, Waseca | 8.43 20 | Pn | Pn | 23 08 57.2 0.0 |
| 545A | Egards | 8.46 134 | Pn | Pn | 23 08 58.1 -0.9 |
| TX31 | Lajitas Ar. Si | 8.58 219 | Pn | Pn | 23 08 59.1 +2.1 |
| TX32 | Lajitas Array | 8.58 219 | Pn | Pn | 23 08 57.4 -1.6 |
| TXAR | Lajitas Array | 8.58 219 | Pn | Pn | 23 08 57.4 -1.6 |
| TXAR | baz=11,SNR=8.8,SNR=18 | | | Lg | 23 11 23.1 |
| JFW5 | Jewell Farm | 8.74 37 | Pn | Pn | 23 08 59.3 -1.6 |
| P46A | Rosedale | 8.81 64 | Pn | Pn | 23 09 02.2 +0.3 |
| CLTN | Cedars of Leba | 9.02 87 | Pn | Pn | 23 09 06.9 +2.2 |
| M44A | Midewin, Midew | 9.02 52 | Pn | Pn | 23 09 06.6 +1.9 |
| WCI | Wyandotte Cave | 9.15 74 | Pn | Pn | 23 09 08.0 +1.4 |
| WCI | baz=289 | | | Pn | 23 09 08.3 +1.7 |
| SFIN | Lafayette | 9.17 60 | Pn | Pn | 23 09 07.7 +0.8 |
| SFIN | baz=246 | | | Pn | 23 09 07.1 +0.2 |
| BLO | Gloomington | 9.18 68 | Pn | Pn | 23 09 09.2 +0.6 |
| LRAL | Lakeview Retre | 9.19 107 | P | Pn | 23 09 06.5 -0.5 |
| LRAL | baz=293 | | | Pn | 23 09 05.1 -2.0 |
| 40A | Norwalk | 9.33 32 | Pn | Pn | 23 09 07.7 -1.3 |
| Y45A | Stour Mountain | 9.37 10 | Pn | Pn | 23 09 08.0 -0.6 |
| RWWY | Rawlins | 9.37 309 | Pn | Pn | 23 09 11.1 +1.3 |
| RSSD | Black Hills | 9.39 330 | P | Pn | 23 09 11.7 +1.7 |
| RSSD | baz=146 | | | Pn | 23 09 11.0 +1.0 |
| RSSD | Black Hills | 9.39 330 | Pn | Pn | 23 09 11.0 +1.0 |
| K43A | Burlington | 9.62 45 | Pn | Pn | 23 09 11.9 -1.0 |

| | | | | | |
|-------|-------------------------------------|-----------|----|----|-----------------|
| F33A | 5 Mile Ranch, | 9.70 5 | Pn | Pn | 23 09 12.6 -1.4 |
| SPMM | Marine on St. | 9.71 20 | Pn | Pn | 23 09 12.8 -1.4 |
| P48A | Milroy | 10.08 67 | Pn | Pn | 23 09 19.9 +0.6 |
| I42A | Draeger Farm, | 10.12 38 | Pn | Pn | 23 09 19.8 0.0 |
| F36A | Milaca | 10.13 16 | Pn | Pn | 23 09 17.4 -2.6 |
| G40A | Granite | 10.15 11 | Pn | Pn | 23 09 19.3 -1.5 |
| CPCT | Cooper Cave | 10.54 90 | Pn | Pn | 23 09 26.3 +0.6 |
| G40A | Rib Lake | 10.62 29 | Pn | Pn | 23 09 25.6 -1.2 |
| V51A | Loudon | 10.64 88 | Pn | Pn | 23 09 25.9 -1.1 |
| H43A | Windswept, Lux | 11.11 39 | Pn | Pn | 23 09 31.3 -2.0 |
| TKL | Tuckaleechee C | 11.12 89 | Pn | Pn | 23 09 34.4 +0.8 |
| TKL | 0.2mm,0.3s,baz=350,slow=12,SNR=2.1 | | | Sn | 23 11 34.4 -3.8 |
| TKL | 0.8mm,0.3s,baz=317,slow=19,SNR=4.0 | | | Lg | 23 12 39.6 |
| TKL | 2.1mm,0.3s,baz=359,slow=21,SNR=6.2 | | | Pn | 23 09 34.4 -0.5 |
| S51A | Beattyville | 11.21 78 | Pn | Pn | 23 09 34.4 -0.5 |
| BW06 | Boulder Array | 11.42 309 | Pn | Pn | 23 09 38.1 +0.2 |
| PD31 | Pinedale Array | 11.42 309 | Pn | Pn | 23 09 37.2 -0.7 |
| PDAR | Pinedale Array | 11.42 309 | Pn | Pn | 23 09 35.5 -2.3 |
| PDAR | 0.5mm,0.3s,baz=116,slow=13,SNR=4.3 | | | Lg | 23 12 48.2 |
| PDAR | 0.3mm,0.3s,baz=129,slow=37,SNR=2.2 | | | Lg | 23 12 48.2 |
| L40A | N Adams | 11.65 56 | Pn | Pn | 23 09 40.5 -0.4 |
| CWNI | Conover | 11.73 30 | Pn | Pn | 23 09 40.2 -1.7 |
| J47A | Sumner | 12.02 50 | Pn | Pn | 23 09 46.4 +0.6 |
| EYMN | Ely | 12.57 19 | Pn | Pn | 23 09 50.9 -2.4 |
| ULM | Lac du Bonnet | 14.12 4 | Pn | Pn | 23 10 09.4 -5.0 |
| ULM | 0.4nm,0.3s,baz=181,slow=14,SNR=5.3 | | | Sn | 23 12 39.9 -1.1 |
| ULM | 0.6nm,0.3s,baz=303,slow=22,SNR=3.2 | | | Lg | 23 14 06.9 |
| ULM | 0.4nm,0.3s,baz=103,slow=18,SNR=1.7 | | | Lg | 23 15 23.6 |
| SADO | Sadowa | 16.35 53 | Lg | Lg | 23 17 45.6 +0.2 |
| ARCES | ARCES Array B | 66.72 19 | P | P | 23 17 45.6 +0.2 |
| ARCES | 3.0mm,0.9s,baz=315,slow=8.9,SNR=2.1 | | | | |

KRSC 18:23:15.38:7.0,8.55:07N:162.41E,h39km±18km,ML4.1
 IDC 18:23:15.44:8.3:6.55:33N:161.86E,h73km±34km,mb3.3/5,
 mb1.3,5.6,mb1mx3.2/33,mbtrp3.5/6,ML2.71,Error
 ellipse: s-maj=10.9km s-min=2.1km az=122.0
 ISC 18:23:15.41:5.1:2.55:51N:104.1627E,0.005,h40km±14km,
 n46,c1936/61,mb3.5/5,Near east coast of Kamchatka

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res |
|------|---------------|------|-----|----------|-----------------|
| | | | | | h m s ISC |
| KBTR | Krutoberegovo | 1.09 | 13 | Op | 23 15 59.8 -0.5 |
| KBTR | Krutoberegovo | 1.13 | 10 | eS | 23 16 14.8 +0.6 |
| KBG | Krutoberegovo | 1.13 | 10 | eS | 23 16 17.2 +2.2 |
| TUMD | Tumrok D | 1.13 | 274 | eP | 23 15 59.7 -1.1 |
| TUMD | Tumrok | 1.13 | 274 | eS | 23 16 14.1 -1.0 |
| KZV | Kizimen | 1.19 | 269 | eP | 23 16 00.5 -1.2 |
| KZV | Kizimen | 1.19 | 269 | eS | 23 16 15.5 -0.3 |
| BZGR | Bezymyanni-Gr | 1.24 | 311 | eP | 23 16 02.0 -0.4 |
| BZGR | Bezymyanni-Gr | 1.24 | 311 | eS | 23 16 17.9 0.0 |
| ZLN | Zelenaya | 1.24 | 315 | eP | 23 16 02.1 -0.3 |
| TUMR | Tumrok | 1.28 | 277 | eP | 23 16 02.2 -0.7 |
| TUMR | Tumrok | 1.28 | 277 | eS | 23 16 18.5 -0.4 |
| CFRR | Tsirk | 1.34 | 317 | eP | 23 16 00.9 -0.2 |
| LGNR | Loginova | 1.34 | 315 | eP | 23 16 04.1 +0.2 |
| BZWR | Bezymyanni-We | 1.34 | 308 | eP | 23 16 03.4 -0.4 |
| KMNR | Kamenistaya | 1.36 | 298 | eP | 23 16 03.5 -0.5 |
| KIRR | Kirishev | 1.41 | 306 | eP | 23 16 04.2 -0.5 |
| KRSR | Krestovskiy | 1.48 | 317 | eP | 23 16 05.0 -0.7 |
| KYU | Kyuchi | 1.52 | 321 | eP | 23 16 04.7 -1.4 |
| SMKR | Semkarok | 1.52 | 341 | eP | 23 16 06.4 +0.1 |
| BDR | Baidaraya | 1.57 | 336 | eP | 23 16 07.4 +0.6 |
| SRKR | Sorkinaya | 1.65 | 336 | eP | 23 16 08.4 +0.4 |
| SRDR | Sredinnyy | 1.90 | 309 | eP | 23 16 11.4 0.0 |
| BKI | Bokai | 2.07 | 67 | eS | 23 16 12.6 -1.0 |
| ES0 | Esso | 2.23 | 292 | eP | 23 16 15.5 -0.3 |
| SPN | Mys Shipunski | 2.47 | 215 | eP | 23 16 17.1 -2.1 |
| SPN | Mys Shipunski | 2.47 | 215 | eS | 23 16 44.7 -3.4 |
| NLC | Nalytchevo | 2.66 | 223 | eP | 23 16 21.7 0.0 |
| NLC | Nalytchevo | 2.66 | 223 | eS | 23 16 24.2 0.0 |
| SMAR | Somma | 2.82 | 229 | eP | 23 16 24.2 0.0 |
| SMAR | Somma | 2.82 | 229 | eS | 23 16 56.2 -0.8 |
| KRX | Arik | 2.82 | 232 | e | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like KST, SGDS, IUG, DGS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MAYB, MGB, B927, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like G08A, NV11, PAGB, etc.

PGC 19 01:14:06.21.2.48.08N*128.16W, h10km, MLSn2.9/29, Mw3.5/2.0, 203km Wsw of Tofino, Bc Vancouver Island, Canada Region, Vancouver Island region

NCEDC 19 01:42:28.5, 40.93N; 127.47W, h5km, ML3.7, ML3.7, M4.6(NEIC)

ANF 19 01:42:28.9, 0.2, 40.98N; 127.39W, ML3.9/8, Error ellipse: s-maj=4.7km s-min=2.2km az=52.0

IDC 19 01:42:29.1, 0.8, 41.15N; 127.35W, h0km, mb4.2/19, mb1.4, 2.2T, ms1mx+2.58, mbtmpp4, 1/2T, ML3.4/6, MS3.8/21, Ms1.3, 8/21, ms1.3, 6/48, Error ellipse: s-maj=19.4km s-min=3.0km az=30.0

NEIC 19 01:42:30.4, 1.9, 41.01N; 0.07; 127.3W, 0.1, h10km, 2km, mb4.6/56, Mw1.4, 6/12, Error ellipse: s-maj=15.5km s-min=11.8km az=253.0

NEIC 19 01:42:30.5, 41.02N; 127.30W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:4.92; Mw:9.69; Mw:4.77; Ms:1.79; Mw:2.90; Mw:2.45; Fault plane solution: M:9.38000x10^15 NP1:0.296, 79000, 653.69000, 1.151.25000. NP2:0.44, 79000, 667.19000, 1.339.97000. Principal axes: T: 7.3341, Pz:44.0000, Azm:286.0000, N: 3.2386, P: 645.0000, Azm: 10.6737, P: 648.0000, Azm: 168.0000.

ISC 19 01:42:29.9, 0.6, 40.93N; 0.08; 127.33W, 0.07, h10km, n301, s112/286, mb4.5/36, MS3.7/16, 1C, Off coast of northern California

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

SPUT South Promonto 11.23 83 Pn Pn 01 45 11.7 +1.1

MSO Missoula 11.28 54 Pn Pn 01 45 12.3 +1.1

PFO Pinyon Flats O 11.36 127 Pn Pn 01 45 16.9 +4.6

PFO Pinyon Flats O 11.36 127 Pn Pn 01 49 32.5

CCU Cedar City 11.36 103 Pn Pn 01 45 12.4 +0.1

SCZC Shurtz Canyon 11.55 102 Pn Pn 01 45 15.9 +0.1

DLMT Dillon 11.61 63 Pn Pn 01 45 15.9 +0.7

LGMT Great Creek M 11.65 100 Pn Pn 01 45 19.8 +1.2

IRM Iron Mountain 11.82 121 Pn Pn 01 45 19.8 +1.2

LRM Limekiln Ridge 11.85 61 Pn Pn 01 45 19.8 +0.2

HWUT Howerton Ranch 11.88 82 Pn Pn 01 45 19.5 -0.0

MONP2 Mount Pleasant 11.89 129 Pn Pn 01 45 20.2 +0.6

MVU Marysvalle 11.90 97 Pn Pn 01 45 21.3 +1.4

MSU Marysvalle 11.93 97 Pn Pn 01 45 20.4 +0.2

BC3 Big Chucckawall 11.95 124 Pn Pn 01 45 20.2 -0.2

KNB Kanab 11.96 105 Pn Pn 01 45 21.5 +0.8

TCUT Toone Canyon 12.03 84 Pn Pn 01 45 21.9 -1.7

JLU Jordanelle 12.05 87 Pn Pn 01 45 22.6 +0.8

W13A Hualapai Mount 12.12 115 Pn Pn 01 45 21.5 -1.3

BOZ Bozeman (W) 12.33 63 Pn Pn 01 45 26.4 +0.8

BOZ Bozeman (W) 12.33 63 Pn Pn 01 45 26.4 +0.8

YHB Horse Butte 12.42 67 Pn Pn 01 45 26.8 -0.1

WALA Waterton Lakes 12.45 45 Pn Pn 01 45 27.9 +0.3

HLH Hogen Lake 12.45 67 Pn Pn 01 45 29.9 +0.3

REDW Red Top Meadow 12.46 74 Pn Pn 01 45 28.9 +1.4

TMUT Trail Mountain 12.46 93 Pn Pn 01 45 27.1 -0.4

HRV Holter Researc 12.58 58 Pn Pn 01 45 28.0 -0.7

MOOV Moose Ponds 12.58 72 Pn Pn 01 45 30.3 +1.3

Y15A North Rim 12.60 106 Pn Pn 01 45 28.6 -0.8

LOHW Long Hollow 12.66 73 Pn Pn 01 45 29.9 +0.3

UHS Holmes Hill 12.67 67 Pn Pn 01 45 31.9 +1.5

P17A Butcher Ranch, 12.77 91 Pn Pn 01 45 31.1 -0.6

SRU San Rafael Swe 13.02 93 Pn Pn 01 45 35.2 +0.1

YONE Yellowstone No 13.30 67 Pn Pn 01 45 39.5 +0.5

BW06 Boulder Array 13.37 76 Pn Pn 01 45 41.1 +1.2

BW06 Boulder Array 13.37 76 Pn Pn 01 45 41.1 +1.2

PD31 Pinedale Array 13.37 76 Pn Pn 01 45 41.4 +1.5

PDAR Pinedale Array 13.37 76 Pn Pn 01 45 44.0 +4.1

PDAR Pinedale Array 13.37 76 Pn Pn 01 45 44.0 +4.1

WUAZ Wupatki 13.67 108 Pn Pn 01 45 44.9 +1.0

WUAZ Wupatki 13.67 108 Pn Pn 01 45 44.9 +1.0

WUAZ Wupatki 13.67 108 Pn Pn 01 45 44.9 +1.0

X16A Lo Mia Camp, P 14.18 112 Pn Pn 01 45 49.8 +0.8

PV10 Paradox Valley 14.33 95 Pn Pn 01 45 52.7 -0.3

PV03 Paradox Valley 14.51 95 Pn Pn 01 46 00.6 -1.6

Q20A White River Ci 14.54 87 Pn Pn 01 45 54.4 -1.5

Z14A Organ Pipe Nat 14.74 123 Pn Pn 01 45 59.9 +1.4

Z14A Organ Pipe Nat 14.74 123 Pn Pn 01 45 59.9 +1.4

W18A Petrified Forest 15.04 107 Pn Pn 01 45 56.0 -2.4

MVCO Mesa Verde 15.10 98 Pn Pn 01 46 04.6 +1.1

MVCO Mesa Verde 15.10 98 Pn Pn 01 46 04.6 +1.1

MVCO Mesa Verde 15.10 98 Pn Pn 01 46 03.1 -0.4

MVCO Mesa Verde 15.10 98 Pn Pn 01 46 18.2

RWWY Ravens 15.13 81 Pn Pn 01 46 03.8 -0.1

K22A Casper 15.60 77 Pn Pn 01 46 09.8 -0.2

K22A Casper 15.60 77 Pn Pn 01 46 09.8 -0.2

K22A Casper 15.60 77 Pn Pn 01 46 09.8 -0.2

TUC Tucson 15.84 118 Pn Pn 01 46 14.9 -1.9

N23A Red Feather La 16.16 83 Pn Pn 01 46 18.4 +1.0

N23A Red Feather La 16.16 83 Pn Pn 01 46 18.4 +1.0

S22A 4UR Ranch, Cre 16.18 95 Pn Pn 01 46 20.0 -0.9

PHWY Pilot Hill 16.48 82 Pn Pn 01 46 18.9 -2.5

ISCO Idaho Springs 16.59 87 Pn Pn 01 46 24.4 -1.0

Q24A Divide 17.12 90 Pn Pn 01 46 30.6 -0.7

SDCO Great Sand Dun 17.18 94 Pn Pn 01 46 33.2 +1.3

ANMO Albuquerque 17.51 103 Pn Pn 01 46 37.2 +1.7

ANMO Albuquerque 17.51 103 Pn Pn 01 46 37.2 +1.7

ANMO Albuquerque 17.51 103 Pn Pn 01 53 52.2

ANMO Albuquerque 17.51 103 Pn Pn 01 46 36.0 +0.5

DLBC Dease Lake 17.55 355 Pn Pn 01 46 34.9 -0.8

DLBC Dease Lake 17.55 355 Pn Pn 01 46 34.9 -0.8

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IRIS PASSCAL I, Cookies Peak, Dagmar, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Pickwick Lake, Miami Univ. Ec, Cooper Cave, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Ghalaghazi, Veis, Khomeyn, etc.

MOS 19:01:48:09.0:1.1, 32.48N, 47.79E, h20km, mb4.4/22, Error ellipse: s-maj=7.9km, s-min=9.1km, az=102.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other parameters. Includes stations like SHGR Shooshtar-Gavs, IKOM Komasi, etc.

Table of astronomical observations for 19d 2h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2014 DEC, listing station names, coordinates, and observation details.

Table of astronomical observations for 868, listing station names, coordinates, and observation details.

0.156,00000, 0.854,00000, 1.64,00000... Principal axes: T 3.4120, Plg0.00000, Azm228.00000; N 0.6570, Plg20.00000, Azm320.00000; P -4.0590, Plg69.00000, Azm123.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 02:22:39.0.4,56.9S:0.1x150.37W:0.08,h10km,n104, r154/79,mb4.9/24,MS4.0/10,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Δ°, AzZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

Table with columns: YKA, HHC, HHC, LZH, LZH, RES, WMQ, WMQ, WMQ, ILULI, RAYN, KBL, KSH, KDJ, MK31, MKAR, MAKT, BOOM, ICESG, ICESG, AAK, HRA, SUMG, SUMG, SUMG, SUMG, ZAAO, ZALV, KURK, ESCD, NRK, NEIC, IDC, ISC. Lists seismic events with station names and parameters.

NEIC 19 02:32:20.9i.1.0,17.6S:0.2x178.8W:0.1,h582km,13km, mb4.2/10, Error ellipse: s-maj=36.3km s-min=6.3km az=158.0

IDC 19 02:22:22.6i.1.9,17.78S:178.61W,h610km,19km, mb3.3/12,mb1.3.5/14,mb1mx3.3/43,mbtmp3.4/2/14, Error ellipse: s-maj=49.9km s-min=15.2km az=151.0

ISC 19 02:32:21.2i.0.9,17.85S:0.3x178.8W:0.2,h600km,n33, r1839/214,mb3.9/14,Fiji Islands region

Table with columns: Code, Station Name, Δ°, AzZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

IDC 19 02:34:56.8i.2.5,41.42N:126.94W,h0km,mb3.5/4, mb1.3.8/9,mb1mx3.6/39,mbtmp3.5/9,ML3.2/4, Error ellipse: s-maj=42.8km s-min=15.9km az=41.0

NEIC 19 02:35:02.3i.1.9,40.84N:108.126W:0.2,h7km,13km, mb3.6/7, Error ellipse: s-maj=19.5km s-min=11.0km az=89.0

NCEDC 19 02:35:04.6,40.76N:126.141W,h4km,ML3.0,MB3.6(NEIC) ANF 19 02:35:08.1i.1,41.63N:126.00W,ML3.5/4, Error ellipse: s-maj=31.9km s-min=8.0km az=161.0

ISC 19 02:34:54.3i.1.6,40.93N:109.127S:0.2,h10km,n70, r2503/62,mb3.4/5,Off coast of northern California

Table with columns: Code, Station Name, Δ°, AzZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: J05D, K05A, MOD, BEKR, PINE, RUBR, CMB, SAO, PAHR, PINE, WVOR, PMPB, LON, MDPB, OMMD, NVAR, NV11, ISA, MFID, ELK, HLID, BCYI, BCU, MGMT, LRM, PD31, PDAR, WUAZ, ANMO, KSCO, AMTX, AMTX, CBKS, K31A, TX32, TXAR, YKA, ECDSD, ILAR, RES, RES, H1N3, H1N2, H1N1, H1S1, H1S2, H1S3. Lists seismic events with station names and parameters.

Bull 19 02:36:07.7i.0.0,7.12N:94.04E,h5km,mb5.0/32, mb4.7/41,MS4.7/25,Ms7.4/328

IDC 19 02:36:11.4i.0.5,7.50N:94.26E,h0km,mb4.4/23, mb1.4.5/26,mb1mx4.4/38,mbtmp4.4/26,ML4.7/3,MS4.0/26, Ms1.4.0/26,mb1mx3.9/43, Error ellipse: s-maj=19.3km s-min=12.5km az=55.0

DJA 19 02:36:13.5i.1.9,7.1N:4.9E,1.4,h20km,19km,ML4.8/7, mb4.9/7,mb5.3/4,MLV4.9/6,MW(m)B4.7/4

KLM 19 02:36:15.0i.0.7,7.47N:94.04E,h10km,mb5.0/32, MS4.0/26,Ms1.7.4/5N:0.07:94.27W:0.08,h23km,4km, mb4.8/63, Error ellipse: s-maj=12.6km s-min=9.7km az=54.0

GCMT 19 05:08:19.1i.0.3,7.61N:0.02:94.42E:0.02,h25km,1km, MW5.0/84,Moment Tensor:Solution_s10,c12; s84,c107; Duration: 0 Moment tensor: Scale 1018Nm; Mr=0.31; 16; M2=2.15e-12; M3=2.45e-12; M4=1.82e-33; M5=1.05e-11; M6=1.15e-30; Best double couple: M3,3.00000x1016 NP1:0.148,00000,0.849,00000,1.175,00000

Principal axes: T 3.3760, Plg25.00000, Azm109.00000; N -0.0970, Plg49.00000, Azm231.00000; P -3.2850, Plg30.00000, Azm4.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 02:36:15.3i.0.7,7.49N:0.05:94.28E:0.05,h24km,n197, r174/180,mb4.6/58,MS4.1/31,5C-5D,Nicobar Islands region

Table with columns: Code, Station Name, Δ°, AzZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Devils Postpil, Mina Array Bea, Isabella, Lake, Elko, etc.

IDC 19 03:01:59.0±0.7, 59.38S:24.61W, h0km, mb3.4/1, mb1 4.2/9, mb1mx4.1/20, mbtmp4.2/9, ML4.5/1, Error ellipse: s-maj=24.5km s-min=21.7km az=67.0

NEIC 19 03:02:00.1±1.3, 59.42S:10.245W:0.1, h10km, 1km, mb4.6/18, Error ellipse: s-maj=17.0km s-min=10.5km az=165.0

ISC 19 03:02:00.0±0.6, 59.45S:10.246W:0.1, h10km, n36, ±0.92/34, mb4.4/13, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Hope Point, Neumayer-Stat, Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BDFB Brasilia, PB11 IOPC Station, LPAZ La Paz, etc.

WEL 19 03:06:20.1±0.5, 43°33'x17°21'E, h5km, M2.1/9, ML2.2/9, MLV2.1/9, Error ellipse: s-maj=0.0km s-min=0.0km

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

PGC 19 03:17:53.7±1.6, 50.53N:130.33W, h10km, MLSn3.3/16, MW3.9/16, 206km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HOLB Holberg, BPBC Brooks Peninsula, PHC Port Hardy, etc.

IDC 19 03:34:49.2±0.9, 32.08N:129.77E, h0km, mb3.6/8, mb1 3.9/10, mb1mx3.7/35, mbtmp3.6/10, ML3.2/2, MS3.2/5, Ms1 3.3/5, ms1mx2.9/56, Error ellipse: s-maj=22.5km s-min=13.8km az=115.0

JMA 19 03:34:50.9, 32.04N:129.85E, h13km, 1km, M4.1 Broadband fault plane solution: P waves. NPI: 0±199.00000°, 379.00000°, A-179.00000°. NP2: 0±198.00000°, 389.00000°, A-171.00000°. Principal axes: T P1g7.0000°, Azm154.0000°, N P1g79.0000°, Azm281.00000°; P P1g9.00000°, Azm63.00000°

JMA Felt J11. NIED 19 03:34:51.0, 32.04N:129.85E, h13km, MW3.9, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn-3.71; Mw7.86; Mw4.15; Mw2-12; Mw4.03; Mw3.30; Fault plane solution: Mw8.83000x10^14 NPI: 0±111.00000°, 368.00000°, A-34.00000°. NP2: 0±125.00000°, 359.00000°, A-154.00000°

NEIC 19 03:34:51.5±1.1, 31.98N:104.129W:0.0, h19km, 3km, mb4.3/4 Error ellipse: s-maj=9.8km s-min=6.6km az=93.0

ISC 19 03:34:50.7±1.0, 32.03N:103.129W:0.0, h12km, 7km, n37, ±1.04/43, mb3.7/10, MS3.0/3, SC-6D, Kyushu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JSJ Shimokoshiki, JHD Hondo, NGSJ Nagasaki, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JHS Saijio, KSRS Korea Array, JWS Wachi, etc.

IDC 19 03:48:59.5±1.0, 64.37N:17.77W, h0km, mb3.6/7, mb1 3.9/8, mb1mx3.6/45, mbtmp3.6/8, ML3.8/1, Error ellipse: s-maj=30.6km s-min=12.8km az=25.0

NEIC 19 03:49:01.1±1.3, 64.42N:10.170W:0.2, h7km, 5km, mb4.3/4, Error ellipse: s-maj=14.9km s-min=9.6km az=202.0

ISC 19 03:49:00.8±0.7, 64.39N:10.09W:0.07, h10km, n15, ±0.95/16, mb3.6/8, Iceland

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

REY 19 03:52:40.0, 64.62N:17.47W, h10km IDC 19 03:52:40.5±3.1, 64.44N:17.60W, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.4/47, mbtmp3.4/4, MS3.8/1, Ms1 3.8/1, ms1mx2.9/34, Error ellipse: s-maj=87.4km s-min=16.1km az=2.0

ISC 19 03:52:39.3±0.8, 64.62N:17.45W:0.03, h10km, n32, ±1.31/36, mb3.3/4, Iceland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDJK Djuingjukull, IHAM Hamarinn, IURH Urdarhals, etc.

| | | | | | | | | | | | | |
|-------|-----------------|-----------|----|-----|-----------------|--------------------------------------------|------|----------------|-----------|----|-----|-----------------|
| USA0B | Ussuriysk Arra | 79.51 327 | I | Amb | 04 19 19.6 | comp=Z,25nm,1.1s | LCMT | Little Creek M | 85.63 47 | P | P | 04 19 49.3 +1.0 |
| USRK | Ussuriysk Ar. | 79.51 327 | P | P | 04 19 18.2 +1.0 | comp=Z,25nm,1.1s | 319A | Douglas | 85.64 54 | I | Amb | 04 19 51.9 |
| MAW | Mawson | 79.66 200 | P | P | 04 19 18.7 +1.0 | comp=Z,32nm,1.0s,baz=126,slow=4.1,SNR=26 | D03D | Douglas | 85.76 34 | P | P | 04 19 50.1 +1.6 |
| MAW | Mawson | 79.66 200 | P | P | 04 19 19.0 +1.3 | comp=Z,27nm,0.7s,baz=137,slow=7.1,SNR=9.7 | ENH | Enshi | 85.82 305 | P | P | 04 19 49.3 +0.1 |
| MAW | Mawson | 79.66 200 | P | P | 04 21 25.3 +1.7 | comp=Z,27nm,0.7s,baz=137,slow=7.1,SNR=9.7 | LON | Longmire | 85.95 36 | I | Amb | 04 19 51.0 |
| MAW | Mawson | 79.66 200 | I | Amb | 04 19 27.7 | comp=Z,27nm,0.7s,baz=137,slow=7.1,SNR=9.7 | U15A | North | 85.98 48 | I | Amb | 04 19 53.0 |
| NJ2 | Nanjing | 79.86 311 | I | P | 04 19 20.5 +1.2 | comp=Z,26nm,1.9s | BJT | Baijiatuu | 86.06 316 | P | P | 04 19 50.8 +0.8 |
| NJ2 | Nanjing | 79.86 311 | I | P | 04 19 20.5 +1.2 | comp=Z,26nm,1.9s | BJT | Baijiatuu | 86.06 316 | P | P | 04 19 52.0 |
| PKM | McPherson Peak | 80.02 46 | P | P | 04 19 22.3 +1.9 | comp=Z,22nm,0.8s | BJJ | Beijing | 86.07 316 | P | P | 04 19 51.0 +0.9 |
| 109C | Camp Elliot, M | 80.74 49 | P | P | 04 19 25.2 +1.3 | comp=Z,28nm,0.8s | WUAZ | Wupatki | 86.16 49 | P | P | 04 19 52.4 +1.5 |
| ARVC | Arvin | 80.82 46 | P | P | 04 19 25.6 +1.3 | comp=Z,28nm,0.8s | RC01 | Rabbit Creek A | 86.25 14 | P | P | 04 19 50.8 +0.3 |
| MDJ | Mudanjiang | 81.03 326 | P | P | 04 19 26.3 +1.2 | comp=Z,28nm,0.8s | GYA | Guiyang | 86.27 300 | I | P | 04 19 52.5 +1.0 |
| MDJ | Mudanjiang | 81.03 326 | P | P | 04 19 26.3 +1.2 | comp=Z,28nm,0.8s | GYA | Guiyang | 86.27 300 | I | P | 04 21 56.6 -1.1 |
| MDJ | Mudanjiang | 81.03 326 | P | P | 04 19 26.3 +1.2 | comp=Z,28nm,0.8s | GYA | Guiyang | 86.27 300 | I | P | 04 29 39.4 +1.0 |
| MDJ | Mudanjiang | 81.03 326 | P | P | 04 19 25.6 +0.5 | comp=Z,16nm,0.9s | GYA | Guiyang | 86.27 300 | I | P | 04 19 52.5 +1.0 |
| MDJ | Mudanjiang | 81.03 326 | P | P | 04 19 27.4 | comp=Z,220nm,5.3s | SLVN | Son | 86.31 295 | P | P | 04 19 52.7 +1.0 |
| YES | Vestal, Richgr | 81.06 46 | P | P | 04 19 26.6 +1.2 | comp=Z,21nm,0.9s | F07A | Phinny Hill Vi | 86.46 37 | I | Amb | 04 19 54.4 |
| MURC | Murrieta | 81.07 48 | P | P | 04 19 27.0 +1.3 | comp=Z,21nm,0.9s | SNA | Snae | 86.50 179 | P | P | 04 19 51.5 -0.3 |
| BFSC | Mount Baldy Ra | 81.11 48 | P | P | 04 19 27.2 +1.2 | comp=Z,21nm,0.9s | SNA | Snae | 86.50 179 | P | P | 04 19 51.5 -0.3 |
| MONP2 | Monument Peak | 81.22 49 | P | P | 04 19 28.4 +1.7 | comp=Z,21nm,0.9s | G08A | North Rock | 86.65 38 | I | Amb | 04 19 55.5 |
| EDW2 | Edwards Air Fo | 81.24 47 | P | P | 04 19 28.0 +1.5 | comp=Z,21nm,0.9s | SKT | Skwentna | 86.66 13 | I | Amb | 04 19 52.4 |
| IKP | In-Ko-Pah, Jac | 81.31 50 | P | P | 04 19 28.7 +1.7 | comp=Z,18nm,0.9s | X18A | Snowflak | 86.68 51 | I | Amb | 04 19 56.1 |
| ISA | Isabella Lake | 81.36 46 | P | P | 04 19 28.7 +1.6 | comp=Z,24nm,1.9s | VNA3 | Neumayer Olymp | 86.68 177 | P | P | 04 19 52.7 +0.1 |
| PFO | Pinyon Flats O | 81.59 49 | P | P | 04 19 30.0 +1.6 | comp=Z,24nm,1.9s | TTA | Tatalina | 86.70 10 | P | P | 04 19 53.0 +0.4 |
| TPFO | Pinon Flats | 81.59 49 | P | P | 04 19 29.9 +1.4 | comp=Z,18nm,0.9s | A04D | Lummi Island | 86.71 34 | P | P | 04 19 54.7 +1.9 |
| SWSC | Sam W. Stewart | 81.69 50 | P | P | 04 19 30.4 +1.7 | comp=Z,21nm,0.9s | B05A | Bryant | 86.74 34 | P | P | 04 19 54.6 +1.6 |
| WDC | Whiskeytown Da | 81.71 40 | I | Amb | 04 19 31.7 | comp=Z,21nm,0.9s | LTY | Liberty | 86.88 36 | I | Amb | 04 19 56.0 |
| LRMC | Laurel Mtn Rd | 81.79 47 | P | P | 04 19 30.8 +1.4 | comp=Z,36nm,0.8s | E07A | Sunnyside | 86.90 37 | I | Amb | 04 19 56.6 |
| IPM | Ipoth | 82.02 278 | P | P | 04 19 31.1 +0.2 | comp=Z,36nm,0.8s | HAWA | Hawaii | 86.98 37 | I | Amb | 04 19 56.9 |
| IM1 | Ipoth | 82.02 278 | P | P | 04 19 32.0 +1.1 | comp=Z,36nm,0.8s | GHO | Glory Hole Cre | 87.04 14 | P | P | 04 19 54.2 -0.1 |
| M02C | Callahan | 82.03 39 | P | P | 04 19 32.7 +2.4 | comp=Z,36nm,0.8s | VNA2 | Neumayer-Watz | 87.11 177 | P | P | 04 19 54.1 -0.5 |
| CWC | Cottonwood Cre | 82.07 46 | P | P | 04 19 32.2 +1.4 | comp=Z,36nm,0.8s | VNA2 | Neumayer-Watz | 87.11 177 | P | P | 04 22 03.4 +1.9 |
| BELC | Belle Mtn. Jos | 82.13 49 | P | P | 04 19 32.7 +1.6 | comp=Z,180,slow=3.4 | B06A | Marblemount | 87.22 34 | I | Amb | 04 19 57.3 |
| MPMC | Manual Prospec | 82.25 46 | P | P | 04 19 33.1 +1.3 | comp=Z,180,slow=3.4 | E08A | Dider Farm, El | 87.30 37 | I | Amb | 04 19 58.3 |
| MLAC | Mammoth | 82.26 44 | P | P | 04 19 33.4 +1.6 | comp=Z,180,slow=3.4 | 121A | Cookes Peak, D | 87.30 53 | P | P | 04 19 58.1 +1.8 |
| GSC | Goldstone, Bar | 82.29 47 | P | P | 04 19 33.3 +1.4 | comp=Z,180,slow=3.4 | CUT | Chullita | 87.31 13 | P | P | 04 19 55.5 +0.1 |
| WHN | Wuhan | 82.30 37 | P | P | 04 19 33.3 +1.4 | comp=Z,180,slow=3.4 | BMO | Blue Mountains | 87.35 39 | P | P | 04 19 56.4 +0.3 |
| BC3 | Big Chuckawall | 82.32 49 | P | P | 04 19 34.0 +1.9 | comp=Z,24nm,0.9s | MFID | Camas Ranch | 87.42 41 | I | Amb | 04 19 59.0 |
| TIN | Tinemaha, Big | 82.32 45 | P | P | 04 19 33.3 +1.6 | comp=Z,24nm,0.9s | KLU | Klutina | 87.50 15 | I | Amb | 04 19 57.8 |
| HEC | Hector, Hillow | 82.35 48 | P | P | 04 19 33.6 +1.4 | comp=Z,22nm,0.8s | SEY | Seynchan | 87.58 348 | P | P | 04 19 57.2 +0.6 |
| WAKR | Walker | 82.38 43 | I | Amb | 04 19 35.1 | comp=Z,22nm,0.8s | DUG | Dugway, Tooele | 87.59 45 | P | P | 04 19 57.3 -0.2 |
| GLA | Glamis | 82.44 50 | P | P | 04 19 34.6 +2.0 | comp=Z,22nm,0.8s,baz=147,slow=4.8,SNR=55 | DUG | Dugway, Tooele | 87.59 45 | P | P | 04 19 58.5 +1.1 |
| GLA | Glamis | 82.44 50 | I | Amb | 04 19 35.8 | comp=Z,22nm,0.8s,baz=147,slow=4.8,SNR=55 | TNA | Tin City | 87.78 5 | P | P | 04 19 58.6 +1.1 |
| J01E | Myrtle Point | 82.52 37 | P | P | 04 19 34.7 +2.0 | comp=Z,191 | E09A | Wood Farm, Sta | 87.83 37 | I | Amb | 04 20 00.4 |
| PNTR | Pine Nut | 82.62 43 | I | Amb | 04 19 36.2 | comp=Z,25nm,1.1s | N25K | Chitina, Valde | 87.93 16 | P | P | 04 19 59.0 +0.6 |
| KULM | Kulim | 82.68 279 | P | P | 04 19 35.0 +0.8 | comp=Z,212,SNR=12 | M24K | Tolsona, Glenn | 87.97 15 | P | P | 04 19 59.6 +1.0 |
| CN2 | Changchun | 82.72 323 | eP | P | 04 19 34.4 +0.7 | comp=Z,211 | XAN | Xian | 88.02 308 | I | P | 04 20 00.6 +1.1 |
| CN2 | Changchun | 82.72 323 | eP | P | 04 19 34.4 +0.7 | comp=Z,211 | XAN | Xian | 88.02 308 | I | P | 04 20 00.3 +0.8 |
| HUMO | Huli Mountain | 82.73 38 | P | P | 04 19 35.4 +1.5 | comp=Z,55nm,1.0s | XAN | Xian | 88.02 308 | I | P | 04 19 59.8 +0.4 |
| HUMO | Huli Mountain | 82.73 38 | P | P | 04 19 37.2 | comp=Z,55nm,1.0s | HLID | Hailey | 88.04 38 | P | P | 04 20 02.8 +1.7 |
| GMRC | Granite Mounta | 82.79 48 | P | P | 04 19 35.9 +1.5 | comp=Z,237 | HLID | Hailey | 88.36 41 | I | Amb | 04 20 03.7 |
| IRM | Iron Mountain | 82.81 49 | P | P | 04 19 36.4 +1.9 | comp=Z,14nm,0.8s | HVU | Hansel Valley | 88.44 43 | P | P | 04 20 02.0 +0.6 |
| GRAC | Grapevine Rang | 82.86 45 | P | P | 04 19 36.3 +1.7 | comp=Z,14nm,0.8s | C09A | Chrisman Ranch | 88.50 36 | I | Amb | 04 20 03.5 |
| L04D | Klamath Falls | 82.86 39 | P | P | 04 19 36.3 +1.7 | comp=Z,19nm,0.8s | MNTX | Cornudas Mount | 88.73 55 | P | P | 04 20 04.5 +1.7 |
| M04C | Macdoel | 82.87 40 | P | P | 04 19 36.0 +1.4 | comp=Z,243 | MNTX | Cornudas Mount | 88.73 55 | P | P | 04 20 04.0 +1.2 |
| FURC | Furnace Creek, | 82.89 46 | P | P | 04 19 36.0 +1.3 | comp=Z,243 | MNTX | Cornudas Mount | 88.73 55 | P | P | 04 20 05.5 |
| SHOC | Shoshone, Teco | 82.98 47 | P | P | 04 19 36.5 +1.2 | comp=Z,11nm,0.8s | MCK | McKinley | 88.77 13 | P | P | 04 20 02.0 -0.3 |
| RYN | Ryan | 83.03 44 | P | P | 04 19 36.4 +0.7 | comp=Z,29 | KMI | Kunming | 88.87 298 | eP | P | 04 20 05.5 +1.6 |
| NVAR | Mina Array Bea | 83.06 44 | P | P | 04 19 36.9 +1.1 | comp=Z,29 | KMI | Kunming | 88.87 298 | eP | P | 04 20 05.5 +1.6 |
| NVAR | Mina Array Bea | 83.06 44 | P | P | 04 19 36.9 +1.1 | comp=Z,22nm,1.4s | PAX | Paxson | 88.88 15 | I | Amb | 04 20 03.7 |
| NVAR | Mina Array Bea | 83.06 44 | P | P | 04 19 36.9 +1.1 | comp=Z,11nm,0.9s,baz=224,slow=8.8,SNR=57 | TX32 | Lajitas Array | 89.01 58 | I | Amb | 04 20 05.5 +1.2 |
| NVAR | Mina Array Bea | 83.06 44 | P | P | 04 19 36.9 +1.1 | comp=Z,11nm,0.9s,baz=224,slow=8.8,SNR=57 | TX32 | Lajitas Array | 89.01 58 | I | Amb | 04 20 07.3 |
| PAHR | Pah Rah Range | 83.12 42 | P | P | 04 19 36.8 +0.8 | comp=Z,12nm,1.1s | TXAR | Lajitas Array | 89.01 58 | I | P | 04 20 05.9 +1.6 |
| PAHR | Pah Rah Range | 83.12 42 | P | P | 04 19 36.8 +0.8 | comp=Z,0.5nm,0.7s,baz=103,slow=4.7,SNR=4.3 | TXAR | Lajitas Array | 89.01 58 | I | P | 04 22 15.4 +0.9 |
| KLR | Kul'dur | 83.19 330 | P | P | 04 19 37.2 +1.3 | comp=Z,6.6nm,0.9s,baz=214,slow=5.4,SNR=42 | TXAR | Lajitas Array | 89.01 58 | I | P | 04 22 15.4 +0.9 |
| RPSI | Rantau Prapat | 83.27 276 | I | Amb | 04 19 36.3 -0.9 | comp=Z,1.9nm,0.9s,baz=216,slow=6.2,SNR=7.7 | TXAR | Lajitas Array | 89.01 58 | I | P | 04 37 40.1 +1.0 |
| RPSI | Rantau Prapat | 83.27 276 | I | Amb | 04 19 36.3 -0.9 | comp=Z,0.7nm,0.6s,baz=97,slow=2.9,SNR=6.1 | HWUT | Hardware Ranch | 89.13 44 | I | Amb | 04 20 06.5 |
| 214A | Organ Pipe Nat | 83.32 52 | P | P | 04 19 38.8 +1.8 | comp=Z,0.7nm,0.6s,baz=97,slow=2.9,SNR=6.1 | PLCA | Paso Flores | 89.17 134 | P | P | 04 20 07.6 +2.7 |
| 214A | Organ Pipe Nat | 83.32 52 | P | P | 04 19 38.8 +1.8 | comp=Z,2.8nm,1.0s,baz=257,slow=6.6,SNR=3.3 | MENT | Mestia | 89.28 15 | I | Amb | 04 20 06.2 |
| K04D | Chiloquin, OR | 83.44 39 | P | P | 04 19 39.4 +2.0 | comp=Z,1.8nm,0.8s | PV12 | Saucer Basin, | 89.33 48 | I | Amb | 04 20 07.9 |
| TPNV | Topopah Spring | 83.57 46 | P | P | 04 19 39.6 +1.2 | comp=Z,2.1nm,1.4s | CM31 | Chiang Mai Arr | 89.39 290 | P | P | 04 20 07.3 +1.2 |
| PDMCI | Parker Dam, Lak | 83.59 49 | P | P | 04 19 40.0 +1.8 | comp=Z,2.1nm,1.4s | CMAR | Chiang Mai Arr | 89.39 290 | P | P | 04 20 08.2 +2.0 |
| J04D | Umpqua Nationa | 83.61 38 | P | P | 04 19 40.2 +1.8 | comp=Z,35nm,0.8s,baz=135,slow=3.2,SNR=110 | NEW | Newport | 89.40 36 | P | P | 04 20 06.1 +0.5 |
| MOD | Modoc Plateau | 83.66 40 | P | P | 04 19 40.1 +0.6 | comp=Z,235 | ANMO | Albuquerque | 89.41 52 | P | P | 04 20 07.4 +1.3 |
| MOD | Modoc Plateau | 83.66 40 | P | P | 04 19 40.2 +1.8 | comp=Z,235 | L26K | Log Cabin Wild | 89.44 16 | P | P | 04 20 07.0 +0.9 |
| CSI | Gunungsitoli | 83.99 274 | P | P | 04 19 41.1 +0.3 | comp=Z,213 | HHC | Hu-ho-hao-te | 89.49 315 | eP | P | 04 20 07.3 +1.1 |
| K05A | Summer Lake | 84.00 39 | I | Amb | 04 19 43.3 | comp=Z,35nm,0.8s | HHC | Hu-ho-hao-te | 89.49 315 | eP | P | 04 20 07.3 +1.1 |
| H04D | Lebanon | 84.05 37 | P | P | 04 19 42.2 +2.0 | comp=Z,270nm,6.4s | NEA2 | Nezana | 89.51 13 | P | P | 04 20 04.9 -0.7 |
| J05D | Fort Rock, OR | 84.14 39 | P | P | 04 19 42.9 +1.9 | comp=Z,208 | CHTO | Chiang Mai | 89.53 290 | P | P | 04 20 08.0 +1.2 |
| H04A | Detroit Lake | 84.46 37 | I | Amb | 04 19 44.1 | comp=Z,208 | MLY | Manley | 89.57 12 | P | P | |

Table with multiple columns: Station Name, Frequency, Power, Mode, and various technical parameters. Includes stations like KSH, KUU, TKM2, NIL, E57A, CHMS, TULEG, UCH, SGDS, AAK, UAS, EKSS, BTL, AML, LBNH, DRK, BRZ, DZA, KKAR, PKME, BVAR, BDBF, IUG, KB, BRVK, SPAO, SPITS, BOSA, DAGA, SUMG, ARU, ARU, ABKAR, BJO1, ICESG, AKTO, GYAOB, HAMF, KIRV, ARAO, ARCES, ARCES, ARCES, KTK1, TRO, TRO, KLMR, KLMR, BELG, STEI, LOFI, FAUS, LSZ, KONS, MORA, FINES, FINES, NSS, GNI, RAYN, KBZ, RIBS, KVSU, DOMB, NB2, NOA, NOA, NC602, HFS, HFS, SKAR, IDID, IDID, OSLO, ISAL, ISAL, GER, IGIN, IGIN, KONO, ODD1, MARD, PABE, PABE, BLSS, PABU, MBAR, HOMB, HOMB, AKASG, AKASG, SUW, SUW, KAC, KAC, DIKM, DIKM, MUD, MUD.

| | | | | | | |
|--------------------------------------------------------------------------------------------------------------|------------------|----------|----------|----------|-----------------|-----------------|
| PBRG | Braganca | 159.37 | 16 | ePKPab | PKPab | 04 27 45.4 +1.0 |
| POLO | Lamas de Olo | 159.48 | 18 | ePKPdf | PKPdf | 04 27 03.1 +0.1 |
| POLO | Lamas de Olo | 159.48 | 18 | ePKPab | PKPab | 04 27 46.1 +1.1 |
| PVRL | Vila Real | 159.59 | 18 | ePKPab | PKPab | 04 27 44.7 +0.7 |
| MVO | Moncorvo | 159.89 | 17 | ePKPab | PKPab | 04 27 04.5 +1.1 |
| MVO | Moncorvo | 159.89 | 17 | ePKPab | PKPab | 04 27 47.9 +0.5 |
| MTE | Manteigas | 160.45 | 19 | ePKPab | PKPab | 04 27 04.7 +0.7 |
| MTE | Manteigas | 160.45 | 19 | ePKPab | PKPab | 04 27 50.4 +1.2 |
| PCAS | Casmiolo, Conde | 160.47 | 21 | ePKPab | PKPab | 04 27 49.4 +0.2 |
| PSBE | So Bento | 160.84 | 23 | ePKPab | PKPab | 04 27 51.5 +0.6 |
| PCBR | Castelo Branco | 160.99 | 19 | ePKPab | PKPab | 04 27 05.3 +0.8 |
| PCBR | Castelo Branco | 160.99 | 19 | ePKPab | PKPab | 04 27 53.3 +0.6 |
| PMFR | Mafrá | 161.15 | 24 | ePKPab | PKPab | 04 27 51.0 -1.2 |
| PMRV | Marv??o | 161.39 | 20 | ePKPab | PKPab | 04 27 53.9 +0.6 |
| PMTG | Mantargil | 161.44 | 22 | ePKPab | PKPab | 04 27 53.3 -0.2 |
| PESTR | Estremoz | 161.84 | 21 | PKPdf | PKPdf | 04 27 05.6 +0.1 |
| PESTR | Estremoz | 161.84 | 21 | PKPab | PKPab | 04 27 53.3 +0.1 |
| EV0 | Evora | 161.99 | 22 | ePKPab | PKPab | 04 27 03.3 -2.3 |
| EV0 | Evora | 161.99 | 22 | ePKPab | PKPab | 04 27 55.9 0.0 |
| ESBB | Sonsecá Array | 162.01 | 11 | PKPab | PKPab | 04 27 56.1 +0.1 |
| ESDC | Sonsecá Array | 162.01 | 11 | PKPab | PKPab | 04 27 54.9 -1.2 |
| PNCL | Nicolau / Gran | 162.18 | 24 | ePKPab | PKPab | 04 27 04.4 -1.4 |
| PNCL | Nicolau / Gran | 162.18 | 24 | ePKPab | PKPab | 04 27 56.8 +0.1 |
| MESJ | Mesjaneja | 162.53 | 24 | ePKPab | PKPab | 04 27 07.0 +0.8 |
| PCVE | Castro Verde | 162.78 | 24 | ePKPab | PKPab | 04 27 59.8 +0.4 |
| PVAG | Vaqueiros | 163.10 | 23 | ePKPab | PKPab | 04 28 00.0 -0.8 |
| LIC | Lamto | 163.36 | 160 | ePKPab | PKPab | 04 27 07.2 -0.4 |
| KIC | Kosan Boka | 163.58 | 161 | ePKPab | PKPab | 04 27 07.4 -0.4 |
| TIC | Toumudi | 163.76 | 160 | ePKPab | PKPab | 04 27 07.6 -0.4 |
| DBIC | Dimbokro | 163.84 | 160 | ePKPab | PKPab | 04 27 07.7 -0.3 |
| KEST | Kesra | 164.36 | 333 | PKPab | PKPab | 04 28 07.1 +0.6 |
| TOAD | Torodi Arr. Sit | 171.09 | 187 | PKPab | PKPab | 04 27 12.2 -0.9 |
| TORD | Torodi Arr. Bea | 171.08 | 187 | PKPab | PKPab | 04 27 12.1 -1.0 |
| TORD | Torodi Arr. Bea | 171.08 | 187 | PKPab | PKPab | 04 28 36.9 +0.4 |
| TORD | Torodi Arr. Bea | 171.08 | 187 | PKPab | PKPab | 04 32 27.6 +0.8 |
| KOWA | Kowa | 171.32 | 149 | PKPab | PKPab | 04 27 12.9 -0.3 |
| TAMW | Tamansasset | 175.36 | 280 | PKPab | PKPab | 04 28 57.3 +1.2 |
| BGR 19 04:12:31.2.0.2, 52°48'N, 8°20'E, h5km, 1km, ML3, 1/11, Error ellipse: s-maj=2.2km s-min=2.2km az=26.0 | | | | | | |
| PRU 19 04:12:31.0.0.0, 52°34'N, 8°37'E, h0km | | | | | | |
| BUG 19 04:12:31.8.0.0, 52°18'N, 8°24'E, h1km, 1km, MD3, 3/12, ML3, 4/14 | | | | | | |
| LDG 19 04:12:32.1.0.1, 52°18'N, 8°15'E, h5km, ML3, 0/7, Error ellipse: s-maj=3.0km s-min=1.7km az=136.0 | | | | | | |
| BNS 19 04:12:32.2.0.3, 52°18'N, 8°31'E, h5km, ML2, 7 | | | | | | |
| DNK 19 04:12:32.1.2.0, 52°16'N, 8°07'E, h5km, 24km, ML2, 6 | | | | | | |
| NAO 19 04:12:32.1.4.6, 53°37'N, 7°52'E, ML2, 6 | | | | | | |
| ISC 19 04:12:28.1.0.7, 52°38'N, 0°03.8'E, 10E, 0°03, h0km, n57, e241/91, Germany | | | | | | |
| Code | Station Name | Δ° AZ' | Phase ID | Time Res | h m s ISC | ISC |
| IBBN | Ibbenburen | 0.70 198 | eP | Pb | 04 12 43.0 -0.2 | |
| IBBN | Ibbenburen | 0.70 198 | eS | Pb | 04 12 53.7 +0.3 | |
| IBBE | Ibbenburen Ea | 0.70 196 | Pg | Pb | 04 12 42.9 -0.3 | |
| IBBS | Ibbenburen So | 0.73 197 | Sg | Sb | 04 12 52.7 -0.7 | |
| IBBS | Ibbenburen So | 0.73 197 | Sg | Sb | 04 12 53.2 -0.4 | |
| HLG | Helgoland | 1.22 354 | eS | Sb | 04 13 15.1 +5.6 | |
| WTSB | Winterswijk | 1.29 219 | eP | Pn | 04 12 53.6 +0.3 | |
| NRDL | Niedersach Rie | 1.31 111 | eP | Pn | 04 12 54.6 +1.0 | |
| HMES | Hamm, Michael- | 1.34 190 | Pg | Sb | 04 13 12.1 +1.6 | |
| HMES | Hamm, Michael- | 1.34 190 | Pg | Sb | 04 13 11.6 -0.1 | |
| BAVN | Auguste-Victor | 1.38 206 | Pg | Pb | 04 12 57.0 +2.3 | |
| BULI | Ruhr-Universit | 1.61 199 | Pn | Pg | 04 12 59.7 +0.8 | |
| BULI | Ruhr-Universit | 1.61 199 | Pn | Pg | 04 13 19.6 +0.1 | |
| BTEZ | Ruhr-Universit | 1.61 199 | Pn | Pg | 04 12 59.7 +0.6 | |
| BKLB | Ruhr-Universit | 1.62 199 | Pn | Pg | 04 12 59.7 +0.6 | |
| BUG | Bochum-Univer | 1.62 199 | Pn | Pg | 04 12 59.7 +0.6 | |
| BSEB | Bad Segeberg | 1.64 53 | ePn | Pg | 04 12 59.6 +0.2 | |
| ESSE | Laugendahl | 1.78 204 | eS | Sg | 04 13 21.6 +0.5 | |
| LAUG | Laugendahl | 1.78 204 | eS | Sg | 04 13 21.2 +0.2 | |
| CLZ | Clausthal | 1.80 128 | ePn | Pn | 04 13 00.3 -1.4 | |
| CLZ | Clausthal | 1.80 128 | eS | Pn | 04 13 20.4 -3.4 | |
| GTGG | Göttingen | 1.83 141 | ePn | Pn | 04 13 00.7 -0.1 | |
| HOBG | Hobbusch | 2.05 194 | ePn | Pg | 04 13 08.8 +1.5 | |
| HOBG | Hobbusch | 2.05 194 | eS | Pn | 04 13 30.3 +0.2 | |
| STB | Steinbach | 2.51 199 | ePn | Pn | 04 13 10.2 +0.1 | |
| AHRW | Bad Neuenahr-A | 2.52 195 | Pn | Pn | 04 13 10.3 0.0 | |
| KLL | Kallitasperre | 2.58 206 | ePn | Pg | 04 13 18.6 +1.1 | |
| DREG | Dreilagerberg | 2.59 207 | ePn | Pg | 04 13 18.9 +1.2 | |
| HGN | Heimatsgroewe | 2.59 212 | Pn | Pn | 04 13 21.2 +1.0 | |
| TNS | Tanus Mits | 2.77 175 | Pn | Pn | 04 13 15.0 +1.3 | |
| CLL | Collm | 3.45 117 | iPn | Pn | 04 13 24.7 +1.7 | |
| CLL | Collm | 3.45 117 | eP | Pg | 04 13 38.0 +3.8 | |
| CLL | Collm | 3.45 117 | eS | Pn | 04 14 10.0 0.0 | |
| CLL | Collm | 3.45 117 | eS | Pn | 04 14 20.0 +1.1 | |
| CLL | Collm | 3.45 117 | Pn | Pn | 04 13 26.8 +1.7 | |
| GIVF | Givet | 3.53 217 | ePn | Pn | 04 13 24.3 +0.3 | |
| GIVF | Givet | 3.53 217 | eS | Pn | 04 13 26.3 +0.6 | |
| GIVF | Givet | 3.53 217 | eS | Pn | 04 14 03.3 -3.3 | |
| GIVF | Givet | 3.53 217 | eS | Pn | 04 14 20.8 -0.7 | |
| MUD | Monsted U'grnd | 3.54 10 | iP | Pn | 04 13 26.6 +2.4 | |
| MUD | Monsted U'grnd | 3.54 10 | iS | Pn | 04 14 09.3 +2.5 | |
| MUD | Monsted U'grnd | 3.54 10 | iP | Pn | 04 13 26.7 +2.4 | |
| MUD | Monsted U'grnd | 3.54 10 | iS | Pn | 04 14 09.3 +2.5 | |
| BAIF | Baives | 3.80 221 | ePn | Pg | 04 13 41.2 +0.3 | |
| BAIF | Baives | 3.80 221 | eS | Pg | 04 14 29.4 -0.7 | |
| NKC | Novy Kostel | 3.86 134 | ePn | Pn | 04 13 28.9 +0.2 | |
| NKC | Novy Kostel | 3.86 134 | eS | Pn | 04 14 28.9 -3.1 | |
| BRG | Bergglieshubel | 4.18 118 | PN | Pn | 04 13 34.4 +1.3 | |
| BRG | Bergglieshubel | 4.18 118 | SG | Sb | 04 14 37.3 +3.7 | |
| BSD | Bornholm Skovb | 4.55 59 | iP | Pn | 04 13 40.6 +2.5 | |
| BSD | Bornholm Skovb | 4.55 59 | iS | Pn | 04 14 28.9 -2.9 | |
| BSD | Bornholm Skovb | 4.55 59 | iP | Pn | 04 13 40.6 +2.5 | |
| BSD | Bornholm Skovb | 4.55 59 | iS | Pn | 04 14 28.8 -2.9 | |
| BSD | Bornholm Skovb | 4.55 59 | IAML | Pn | 04 14 34.6 | |
| CDF | Champ du Feu | 4.60 187 | ePn | Pn | 04 13 38.9 0.0 | |
| CDF | Champ du Feu | 4.60 187 | eS | Pn | 04 14 53.3 -2.5 | |
| PAGF | Fort de Pagny | 4.68 200 | eS | Sg | 04 14 56.1 -2.1 | |
| SAVF | Savonnières en S | 4.76 205 | eS | Sg | 04 14 58.8 -2.0 | |
| WET | Wetzell | 4.88 140 | Pn | Pn | 04 13 44.8 +2.1 | |
| PRU | Prunhonic | 5.01 124 | eS | Pn | 04 15 06.1 -3.0 | |
| HOU | Haudompre | 5.01 193 | ePn | Pn | 04 13 45.6 -0.2 | |
| HOU | Haudompre | 5.01 193 | eS | Pn | 04 15 09.2 -2.7 | |
| KHC | Kasperske Hory | 5.17 136 | ePn | Pn | 04 13 47.7 +1.0 | |
| KHC | Kasperske Hory | 5.17 136 | eS | Pn | 04 15 11.1 -3.0 | |
| HINF | Hinterfeld | 5.23 189 | eS | Pn | 04 15 13.3 -2.6 | |
| SNART | Snartemo | 5.40 355 | Pn | Pn | 04 13 51.6 +1.9 | |
| SNART | Snartemo | 5.40 355 | iP | Pn | 04 14 51.7 -0.8 | |
| SNART | Snartemo | 5.40 355 | iP | Pn | 04 13 52.0 +2.2 | |
| SNART | Snartemo | 5.40 355 | IAML | Pn | 04 14 51.7 -0.8 | |
| SNART | Snartemo | 5.40 355 | IAML | Pn | 04 14 53.9 | |
| OSTC | Ostas | 5.59 112 | eS | Sg | 04 15 23.1 -4.4 | |
| LOR | Lormes | 6.33 207 | ePn | Pn | 04 14 07.6 +5.0 | |
| LA | La Drulière | 6.81 293 | ePn | Pn | 04 14 09.3 +0.6 | |
| SMF | Signal de Mont | 6.91 205 | ePn | Pn | 04 14 10.8 +0.2 | |
| EKA | Eskdalemuir Ar | 7.02 294 | Pn | Pn | 04 14 14.8 +2.7 | |
| EKA | Eskdalemuir Ar | 7.02 294 | Sn | Pn | 04 15 28.6 -4.0 | |
| EKA | Eskdalemuir Ar | 7.02 294 | Pn | Pn | 04 14 14.8 +2.7 | |
| EKA | Eskdalemuir Ar | 7.02 294 | Sn | Pn | 04 15 28.6 -4.0 | |
| HFS | Hagfors | 7.81 21 | Pn | Pn | 04 14 24.3 +1.5 | |

| | | | | | |
|-------|-----------------|---------|------|-----------------|-----------------|
| HFS | baz=201,slow=14 | Sn | Sn | 04 15 47.2 -4.7 | |
| HFS | Hagfors | 7.81 21 | Pn | Pn | 04 14 24.3 +1.5 |
| HFS | baz=201,slow=14 | Sn | Sn | 04 15 47.2 -4.7 | |
| NC602 | NORSAR Array S | 8.00 12 | eP | Pn | 04 14 27.3 +1.8 |
| NC602 | NORSAR Array S | 8.00 12 | eS | Pn | 04 15 50.5 -6.1 |
| NC602 | NORSAR Array S | 8.00 12 | IAML | Pn | 04 15 57.9 |
| NRAO | NORESS Array S | 8.00 12 | Pn | Pn | 04 14 26.2 +0.7 |
| NRAO | NORESS Array S | 8.00 12 | Pn | Pn | 04 15 51.4 -5.3 |
| NRAO | NORESS Array S | 8.00 12 | Pn | Pn | 04 14 26.2 +0.7 |
| NRAO | NORESS Array S | 8.00 12 | Pn | Pn | 04 15 51.4 -5.3 |
| NB2 | NORSAR Subarra | 8.26 11 | Pn | Pn | 04 14 30.7 +1.6 |
| NB2 | NORSAR Subarra | 8.26 11 | Pn | Pn | 04 15 57.8 -5.3 |
| NB2 | NORSAR Subarra | 8.26 11 | Pn | Pn | 04 14 30.7 +1.6 |
| NB2 | NORSAR Subarra | 8.26 11 | Pn | Pn | 04 15 57.8 -5.3 |

IDC 19 04:30:15.8.3.0, 16°37'S-179°77'W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/32, mbtm3.4/1.3, Error ellipse: s-maj=923.8km s-min=155.8km az=76.0, Fiji Islands region
 Code Station Name Δ° AZ' Phase ID Time Res h m s ISC
STKA Stephens Creek 38.26 239 Op P ISC 04 37 37.5 -0.5
WRA Warramunga Arr 43.65 258 P P 04 38 22.8 +0.2
ASAR Alice Springs 43.96 253 P P 04 38 25.0 -0.2

GCG 19 04:34:58.3.0.8, 15°13'N-92°41'W, h50km, 295km, MD3.9
UCR 19 04:35:09.4.1.5, 14°32'N-91°45'W, h35km, 999km, ML3.4
SNET 19 04:35:09.4.1.5, 14°31'N-91°33'W, h15km, 9km, ML3.5
IDC 19 04:35:11.8.2.6, 14°20'N-91°40'W, h92km, 25km, mb3.0/3, mb1 3.3/6, mb1mx3.1/42, mbtm3.3/4.6, Error ellipse: s-maj=64.6km s-min=18.9km az=35.0
ISC 19 04:35:08.7.1.6, 13°39'N-01°31'57'W, h0.09, h92km, 13km, n28, r180408, mb3.4/3.2, Near coast of Guatemala

| | | | | | | |
|------|----------------|---------|----------|----------|-----------------|-----|
| Code | Station Name | Δ° AZ' | Phase ID | Time Res | h m s ISC | ISC |
| FUG | Fuego 3 | 0.92 49 | Op | Pn | 04 35 25.4 -2.5 | |
| FUG | Fuego 3 | 0.92 49 | eS | Pn | 04 35 47.3 +5.1 | |
| PCG | Pacaya | 1.07 60 | eP | Pn | 04 35 27.9 -1.8 | |
| PCG | Pacaya | 1.07 60 | eS | Pn | 04 35 53.2 +7.9 | |
| PNB | Las Nubes | 1.39 58 | eP | Pn | 04 35 32.3 -1.2 | |
| PNB | Las Nubes | 1.39 58 | eS | Pn | 04 35 57.5 +5.3 | |
| NUBE | Las Nubes | 1.73 88 | iP | Pn | 04 35 36.7 -1.0 | |
| NUBE | Las Nubes | 1.73 88 | iP | Pn | 04 35 57.2 -2.5 | |
| NUBE | Las Nubes | 1.73 88 | iP | Pn | 04 35 57.2 -2.5 | |
| NUBE | Las Nubes | 1.73 88 | iP | Pn | 04 35 57.2 -2.5 | |
| NUBE | Las Nubes | 1.73 88 | iP | Pn | 04 35 57.2 -2.5 | |
| CEVE | Cerro Verde | 1.89 90 | eP | Pn | 04 35 39.5 -0.2 | |
| CEVE | Cerro Verde | 1.89 90 | eS | Pn | 04 36 03.2 -0.1 | |
| CEVE | Cerro Verde | 1.89 90 | eP | Pn | 04 35 39.5 -0.2 | |
| CEVE | Cerro Verde | 1.89 90 | eS | Pn | 04 36 03.2 -0.1 | |
| JAYA | Jayaque - finc | 2.06 95 | eP | Pn | 04 35 41.4 -0.6 | |
| JAYA | Jayaque - finc | 2.06 95 | eS | Pn | 04 36 06.4 -1.0 | |
| JAYA | Jayaque - finc | 2.06 95 | eP | Pn | 04 35 41.4 -0.6 | |
| JAYA | Jayaque - finc | 2.06 95 | eS | Pn | 04 36 06.4 -1.0 | |
| TACO | Tacachico | 2.15 86 | iP | Pn | 04 35 41.5 -1.5 | |
| TACO | Tacachico | 2.15 86 | eS | Pn | 04 36 06.3 -2.9 | |
| TACO | Tacachico | 2.15 86 | iP | Pn | 04 35 41.5 -1.5 | |
| TACO | Tacachico | 2.15 86 | eS | Pn | 04 36 06.3 -2.9 | |
| MAL | Marmol | 2.20 56 | eP | Pn | 04 35 42.0 -1.8 | |
| MAL | Marmol | 2.20 56 | eS | Pn | 04 36 11.4 +0.8 | |
| LALI | Alcalda de L | 2.21 99 | eP | Pn | 04 35 44.1 +0.4 | |
| LALI | Alcalda de L | 2.21 99 | eS | Pn | 04 36 10.1 -0.5 | |

Table with columns: JAY, comp-Z, 2.40nm, 0.8s, baz=304, slow=2.3, SNR=6.1, pP, pwP, 04 56 08.0 +0.6, LR, 05 13 00.3, etc.

Table with columns: TNSS, comp-Z, 900nm, 16.0s, 48.89 295 eP, P, 04 56 22.5 -1.5, etc.

Table with columns: ARU, Arti, 54.23 317 eP, P, 04 57 03.1 -0.1, etc.

19d 4h

| | | | | | |
|-------|--------------------------------------------|-----------|-----------------|-----------------|------------|
| WBK | SNR=8.6 | P | P | 04 59 06.4 +1.4 | |
| BIDO | SNR=15 | 72.58 286 | P | 04 59 06.8 +1.7 | |
| VANB | Edvan | 72.58 307 | P | 04 59 06.9 +1.9 | |
| HEC | Hector,Ludlow | 72.62 339 | P | 04 59 06.2 +1.0 | |
| BLSS | Blasjo | 72.70 59 | eP | 04 59 05.8 +0.5 | |
| MLAZ | Matlazgiri-MUS | 72.72 307 | P | 04 59 07.0 +1.7 | |
| MURC | Murrieta | 72.86 60 | P | 04 59 07.0 +0.3 | |
| SMDO | Samad | 72.92 286 | P | 04 59 08.0 +0.7 | |
| SMDO | SNR=7.8 | P | P | 04 59 08.0 +0.7 | |
| GEVA | Gevas | 72.97 307 | IAMB | 04 59 09.8 | |
| GEVA | comp=Z,46nm,1.0s | IAMS_20 | IAMS_20 | 05 34 38.6 | |
| ULM | Lac du Bonnet | 73.00 36 | P | 04 59 07.1 0.0 | |
| ULM | comp=Z,6.1nm,0.7s,baz=322,slow=6.4,SNR=15 | PKKPDF | 05 18 27.0 -1.4 | | |
| ULM | comp=Z,1.3nm,0.9s,baz=217,slow=6.8,SNR=2.9 | LR | 05 33 59.9 | | |
| ULM | comp=Z,2.94nm,19.4s,baz=320,slow=38 | LR | | | |
| AKDM | Akdamar-Van | 73.00 307 | P | 04 59 09.1 +1.5 | |
| UOSS | Minazif | 73.02 288 | iP | 04 59 07.3 -0.4 | |
| UOSS | SNR=58 | P | P | 04 59 07.3 -0.4 | |
| UOSS | Minazif | 73.02 288 | P | 04 59 07.8 +0.2 | |
| UOSS | comp=Z,497nm,20.0s | IAMS_20 | IAMS_20 | 05 34 43.7 | |
| UOSS | Minazif | 73.02 288 | P | 04 59 07.9 +0.2 | |
| UOSS | SNR=15 | P | P | 04 59 07.9 +0.2 | |
| MDND | Madcock | 73.06 40 | P | 04 59 08.0 +0.5 | |
| MDND | baz=316,SNR=9.7 | IAMB | IAMB | 04 59 25.6 | |
| MDND | Madcock | 73.06 40 | IAMB | 04 59 25.6 | |
| GMRC | Granite Mounta | 73.07 58 | P | 04 59 08.8 +0.8 | |
| HOQ | Hoqain | 73.11 287 | P | 04 59 08.9 +0.6 | |
| HOQ | SNR=15 | P | P | 04 59 08.9 +0.6 | |
| HOMB | Homborsund | 73.15 338 | eP | 04 59 07.8 0.0 | |
| HOMB | SNR=15 | iP | P | 04 59 08.0 +0.2 | |
| HOMB | SNR=15 | IAMB | IAMB | 04 59 08.3 | |
| HATD | Hatta, Dubai | 73.15 288 | iP | 04 59 08.7 +0.3 | |
| HATD | SNR=37 | P | P | 04 59 08.7 +0.3 | |
| HATD | Hatta, Dubai | 73.15 288 | P | 04 59 09.0 +0.5 | |
| HATD | SNR=14 | P | P | 04 59 09.0 +0.5 | |
| K22A | Casper | 73.19 47 | P | 04 59 09.1 +0.4 | |
| K22A | baz=313,SNR=22 | IAMB | IAMB | 04 59 33.6 | |
| K22A | Casper | 73.19 47 | IAMB | 04 59 33.6 | |
| KMY | Karmoy | 73.20 340 | eP | 04 59 09.7 +1.6 | |
| ASHO | Ashiyah | 73.29 288 | iP | 04 59 09.5 +0.2 | |
| ASHO | SNR=32 | P | P | 04 59 09.8 +0.4 | |
| ASHO | Ashiyah | 73.29 288 | P | 04 59 09.8 +0.4 | |
| SOHO | SNR=16 | iP | P | 04 59 09.2 -0.2 | |
| SOHO | SNR=22 | P | P | 04 59 09.2 -0.2 | |
| KOPT | Kop Dagj | 73.32 309 | P | 04 59 10.6 +1.0 | |
| KOPT | comp=Z,63nm,1.2s | IAMB | IAMB | 04 59 12.6 | |
| KOPT | comp=Z,951nm,19.0s | IAMS_20 | IAMS_20 | 05 36 53.0 | |
| JMDO | Jabal Madar | 73.32 285 | P | 04 59 10.2 +0.7 | |
| JMDO | SNR=8.0 | P | P | 04 59 10.2 +0.7 | |
| JMDO | Jabal Madar | 73.32 285 | P | 04 59 10.2 +0.7 | |
| PFO | Pinyon Flats O | 73.32 60 | P | 04 59 10.2 +0.7 | |
| PFO | baz=310,SNR=6.0 | eP | P | 04 59 10.3 +0.8 | |
| PFO | Pinyon Flats O | 73.32 60 | eP | 04 59 10.3 +0.8 | |
| PFO | comp=Z,20nm,1.0s | pmx | pmx | | |
| PFO | Pinyon Flats O | 73.32 60 | P | 04 59 10.5 +1.0 | |
| PFO | Pinon Flats | 73.33 60 | P | 04 59 10.1 +0.6 | |
| CUKT | Cukurca | 73.34 305 | P | 04 59 10.4 +0.9 | |
| WBTS | Varfo | 73.34 308 | P | 04 59 11.5 +1.9 | |
| BELC | Belle Mtn. Jos | 73.36 59 | P | 04 59 10.2 +0.5 | |
| NAZ | Nazwa, Dubai | 73.37 289 | iP | 04 59 10.7 -0.1 | |
| NAZ | SNR=10 | P | P | 04 59 10.1 +0.4 | |
| NAZ | Nazwa, Dubai | 73.37 289 | P | 04 59 10.1 +0.4 | |
| NAZ | SNR=6.3 | P | P | 04 59 10.1 +0.4 | |
| 109C | Camp Elliot, M | 73.38 61 | P | 04 59 10.4 +0.7 | |
| 109C | baz=310 | P | P | 04 59 11.8 +1.8 | |
| GURC | Guroymak-BITLI | 73.41 307 | P | 04 59 10.6 +1.1 | |
| SNART | Snartemo | 73.44 339 | eP | 04 59 10.6 +1.1 | |
| SNART | SNartemo | 73.44 339 | iP | 04 59 10.6 +1.1 | |
| SNART | SNartemo | 73.44 339 | IAMB | 04 59 11.6 | |
| RWWY | Rawlins | 73.47 48 | IAMB | 04 59 26.4 | |
| RSSD | Black Hills | 73.49 45 | P | 04 59 10.6 +0.2 | |
| RSSD | baz=311 | P | P | 04 59 10.1 -0.3 | |
| RSSD | Black Hills | 73.49 45 | P | 04 59 10.1 -0.3 | |
| RSSD | comp=Z,21nm,0.9s | pmx | pmx | | |
| RSSD | Black Hills | 73.49 45 | P | 04 59 10.1 -0.3 | |
| FAQ | Al Faqa, Dubai | 73.58 289 | iP | 04 59 10.7 -0.3 | |
| FAQ | SNR=23 | P | P | 04 59 11.2 +0.3 | |
| FAQ | Al Faqa, Dubai | 73.58 289 | P | 04 59 11.2 +0.3 | |
| FAQ | SNR=7.2 | P | P | 04 59 11.2 +0.3 | |
| YEDI | Yedisu-Bingol | 73.68 309 | P | 04 59 13.2 +1.6 | |
| ESPY | Espiye-Giresun | 73.71 311 | P | 04 59 11.3 -0.2 | |
| BSY | Bisyra | 73.72 286 | P | 04 59 12.8 +0.9 | |
| BSY | SNR=13 | P | P | 04 59 12.8 +0.9 | |
| IRM | Iron Mountain | 73.80 58 | P | 04 59 13.1 +0.9 | |
| MONPZ | Monument Peak | 73.81 60 | P | 04 59 12.9 +0.4 | |
| MONPZ | baz=311 | P | P | 04 59 11.7 -0.1 | |
| BSD | Bornholm Skovb | 73.82 333 | iP | 04 59 11.7 -0.1 | |
| BSD | comp=Z,230nm,1.4s | pmx | pmx | | |
| BSD | Bornholm Skovb | 73.82 333 | iP | 04 59 11.7 -0.1 | |
| BSD | comp=Z,233nm,1.4s | IAMB | IAMB | 04 59 12.7 | |
| BSD | Bornholm Skovb | 73.82 333 | iP | 04 59 11.7 -0.1 | |
| ARQ | Araqi | 73.83 287 | P | 04 59 13.3 +0.8 | |
| ARQ | SNR=11 | P | P | 04 59 13.3 +0.8 | |
| ASUD | Al Ashush, Dub | 73.84 289 | iP | 04 59 12.8 +0.4 | |
| ASUD | SNR=17 | P | P | 04 59 13.2 +0.7 | |
| ASUD | Al Ashush, Dub | 73.84 289 | P | 04 59 13.2 +0.7 | |
| ASUD | SNR=6.7 | P | P | 04 59 13.2 +0.7 | |
| SIRT | Sirnak | 73.87 306 | P | 04 59 13.9 +1.3 | |
| SORM | Soroca | 73.90 322 | iP | 04 59 12.5 +0.1 | |
| BNGB | Bingol | 73.91 301 | P | 04 59 14.5 +1.7 | |
| TKX | Tecate | 73.91 61 | IAMS_20 | IAMS_20 | 05 26 38.2 |
| BC3 | Big Chuckawall | 73.93 59 | P | 04 59 13.7 +0.6 | |
| O20A | White River Cr | 73.95 50 | P | 04 59 13.6 +0.5 | |
| O20A | baz=313,SNR=15 | P | P | 04 59 14.7 +0.7 | |
| U15A | North Rim | 74.06 55 | P | 04 59 31.1 | |
| U15A | comp=Z,30nm,0.8s | IAMB | IAMB | 04 59 31.1 | |
| COP | Copenhagen | 74.16 335 | iP | 04 59 13.6 -0.2 | |
| COP | Copenhagen | 74.16 335 | iP | 04 59 13.6 -0.2 | |
| COP | Copenhagen | 74.16 335 | iP | 04 59 13.6 -0.2 | |
| SVAN | Silvan-Diyarba | 74.17 307 | P | 04 59 15.8 +1.5 | |
| IKP | In-Ko-Pah, Jac | 74.17 60 | P | 04 59 15.1 +0.7 | |
| SWSC | Sam W. Stewart | 74.18 60 | P | 04 59 14.8 +0.5 | |
| BEL | Belsk | 74.31 328 | eP | 04 59 15.7 +0.9 | |
| MHTO | MHTO | 74.31 284 | P | 04 59 16.3 +1.1 | |
| MHTO | SNR=15 | P | P | 04 59 16.3 +1.1 | |
| MHTO | SNR=15 | P | P | 04 59 16.3 +1.1 | |
| PDMCI | Parker Dam,Lak | 74.33 58 | P | 04 59 16.2 +0.9 | |

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|-------|--------------------|-----------|---------|-----------------|------------|
| STKA | Stevens Creek | 74.38 183 | P | 04 59 14.7 -0.5 | |
| AGMN | Agassiz Nation | 74.45 37 | P | 04 59 15.2 -0.5 | |
| MUD | Monsted U'grnd | 74.50 337 | iP | 04 59 16.0 +0.2 | |
| MUD | comp=Z,35nm,1.0s | pmx | pmx | | |
| MUD | Monsted U'grnd | 74.50 337 | iP | 04 59 16.0 +0.2 | |
| MUD | comp=Z,35nm,1.0s | IAMB | IAMB | 04 59 26.5 | |
| MUD | Monsted U'grnd | 74.50 337 | iP | 04 59 16.0 +0.2 | |
| MUD | comp=Z,35nm,1.0s | IAMB | IAMB | 04 59 26.5 | |
| MUD | Monsted U'grnd | 74.50 337 | iP | 04 59 16.0 +0.2 | |
| MUD | comp=Z,35nm,1.0s | IAMB | IAMB | 04 59 26.5 | |
| GKP | Gorka Klasztor | 74.50 331 | eP | 04 59 16.7 +0.9 | |
| KIS | Kishinev | 74.51 321 | iP | 04 59 16.0 0.0 | |
| KIS | comp=Z,90nm,1.4s | P | P | 05 02 04.0 +1.8 | |
| KIS | Kishinev | 74.51 321 | eP | 05 08 48.0 -0.8 | |
| KIS | comp=Z,600nm,16.0s | eLR | LR | 05 34 24.0 | |
| KIS | Kishinev | 74.51 321 | eP | 04 59 16.0 0.0 | |
| KIS | comp=Z,80nm,1.4s | eS | pmx | 05 02 04.0 | |
| KIS | comp=N,500nm,16.0s | MLR | MLR | 05 08 48.0 -0.8 | |
| KIS | comp=N,500nm,16.0s | MLR | MLR | | |
| LVV | L'vov | 74.54 325 | eP | 04 59 16.5 +0.3 | |
| MLM | Milestii Mici | 74.57 321 | iP | 04 59 16.6 +0.2 | |
| PV23 | Carpenter Ridg | 74.65 52 | IAMB | 04 59 29.5 | |
| PV14 | Lion Creek, Pa | 74.69 52 | IAMB | 04 59 19.5 | |
| N23A | Red Feather La | 74.71 48 | P | 04 59 18.7 +1.1 | |
| N23A | baz=314,SNR=16 | IAMB | IAMB | 04 59 33.9 | |
| N23A | Red Feather La | 74.71 48 | IAMB | 04 59 33.9 | |
| PTK | Perk | 74.71 309 | P | 04 59 19.3 +1.7 | |
| GLM | Glamis | 74.72 59 | P | 04 59 18.5 +1.0 | |
| PV04 | Paradox Valley | 74.75 52 | IAMS_20 | IAMS_20 | 05 31 52.4 |
| PV20 | West Nyswonger | 74.75 52 | P | 04 59 17.7 -0.1 | |
| PV20 | comp=Z,51nm,1.1s | IAMB | IAMB | 04 59 34.6 | |
| ILIC | ilic-Erzincan | 74.80 310 | P | 04 59 19.6 +1.6 | |
| PV11 | David Mesa, Pa | 74.83 52 | IAMS_20 | IAMS_20 | 05 26 26.5 |
| RSDY | Red Mesa, Pa | 74.84 311 | P | 04 59 19.4 +1.2 | |
| DYBB | Diyarbakir | 74.92 308 | P | 04 59 19.6 +0.9 | |
| FORT | Fort | 74.93 195 | P | 04 59 18.6 +0.1 | |
| FORT | comp=Z,44nm,0.8s | IAMB | IAMB | 04 59 32.4 | |
| IAS | IASI | 74.95 321 | iP | 04 59 19.0 +0.5 | |
| MARD | Mardin | 74.97 307 | P | 04 59 20.0 +0.9 | |
| MARI | Mazidaj | 75.07 307 | P | 04 59 20.4 +0.8 | |
| KVT | Kavak | 75.07 312 | P | 04 59 19.8 +0.3 | |
| DIKM | Dikmen | 75.10 313 | iP | 04 59 20.9 +1.3 | |
| WUAZ | Wuzaki | 75.22 55 | P | 04 59 22.1 +1.4 | |
| KWP | Kalwaria Pacia | 75.24 326 | eP | 04 59 21.3 +1.0 | |
| KWP | Kalwaria Pacia | 75.24 326 | P | 04 59 20.8 +0.6 | |
| KWP | comp=Z,291nm,1.2s | pmx | pmx | | |
| KWP | Kalwaria Pacia | 75.24 326 | P | 04 59 20.8 +0.6 | |
| VASR | Vaslui | 75.25 321 | iP | 04 59 21.2 +0.9 | |
| SMCO | Snowmass | 75.32 50 | IAMB | 04 59 37.3 | |
| SMCO | comp=Z,116nm,1.9s | IAMB | IAMB | 04 59 37.3 | |
| TKOK | Tokak | 75.33 312 | P | 04 59 21.9 +0.9 | |
| SVSK | Karacayir | 75.36 311 | P | 04 59 22.3 +1.3 | |
| TKOK | Tokak | 75.36 312 | IAMB | 04 59 22.8 | |
| TKOK | comp=Z,30nm,1.0s | IAMS_20 | IAMS_20 | 05 38 40.0 | |
| TOKA | comp=Z,291nm,1.0s | IAMS_20 | IAMS_20 | 05 38 40.0 | |
| PRAR | RASCA | 75.43 322 | iP | 04 59 22.3 +0.9 | |
| ISCO | Idaho Springs | 75.65 49 | P | 04 59 24.2 +1.1 | |
| MALT | Malta | 75.66 309 | IAMB | 04 59 24.5 +1.5 | |
| BUR08 | Bucovina Ar. S | 75.68 323 | IAMB | 04 59 24.7 | |
| BURAR | Bucovina Array | 75.69 323 | iP | 04 59 23.7 +0.7 | |
| BBOD | Bucklebo | 75.72 188 | P | 04 59 22.9 -0.1 | |
| WVFL | Waverly | 75.78 320 | iP | 04 59 24.1 +1.5 | |
| MVCO | Mesa Verde | 75.79 52 | P | 04 59 24.8 +0.9 | |
| MVCO | baz=313,SNR=17 | IAMB | IAMB | 04 59 40.4 | |
| MVCO | Mesa Verde | 75.79 52 | P | 04 59 24.4 +0.5 | |
| MVCO | comp=Z,24nm,0.8s | IAMB | IAMB | 04 59 40.4 | |
| BIZ | Bicaz | 75.81 322 | iP | 04 59 24.5 +1.0 | |
| SUSD | Miller | 75.83 42 | P | 04 59 23.7 0.0 | |
| SUSD | comp=Z,56nm,0.9s | IAMB | IAMB | 04 59 26.1 | |
| TLCR | TLCR | 75.84 319 | iP | 04 59 24.7 +1.0 | |
| TESR | Tescani | 75.88 321 | iP | 04 59 24.5 +0.5 | |
| KOLS | Kolonick sedl | 75.96 325 | eP | 04 59 24.9 +0.5 | |
| KOLS | comp=Z,34nm,1.1s | pmx | pmx | | |
| KOLS | Kolonick sedl | 75.96 325 | eP | 04 59 24.9 +0.5 | |
| OJC | Ojcow | 75.96 327 | eP | 04 59 25 | |

| | | | | | | | | | | | | | | | | | | |
|-------|------------------|-----------|-------|-------|-----------------|--------------------------|-------------|-----------|-----------|-------|-----------------|-----------------|----------------|---------------|----------|-------|-----------------|-----------------|
| 4D1A | Chassel | 78.55 34 | I Amb | I Amb | 04 59 40.2 | comp-Z,13nm,0.7s,SNR=9.0 | BRQR | Ronquire | 81.05 336 | ↑P | P | 04 59 52.0 -0.3 | E56A | St. Veronique | 84.06 27 | P | P | 05 00 07.9 -0.2 |
| CHBY | Cihanbeyli | 78.56 312 | P | P | 04 59 39.2 0.0 | LEF | Lefka | 81.06 310 | ↑P | P | 04 59 53.5 +0.8 | PRMA | PARMA | 84.10 330 | P | P | 05 00 09.3 +1.0 | |
| DOK | Doka | 78.58 285 | P | P | 04 59 39.5 0.0 | STU | Stuttgart | 81.06 310 | I Amb | I Amb | 04 59 52.9 +0.2 | O44A | Manfield | 84.10 39 | I Amb | I Amb | 05 00 08.9 | |
| DOK | SNR=6.5 | | P | P | 04 59 39.5 0.0 | LEF | Lefka | 81.06 310 | I Amb | I Amb | 04 59 53.9 | U38A | Gravette | 84.12 45 | I Amb | I Amb | 05 00 09.8 | |
| PBCC | Pribram | 78.60 330 | ↑P | P | 04 59 39.7 +0.5 | KKB | Krupnik | 81.08 320 | I P | P | 04 59 53.7 +1.0 | ABTX | Abilene, Hawle | 84.15 50 | P | P | 05 00 09.5 +0.6 | |
| HRT | Hereke | 78.63 316 | P | P | 04 59 40.3 +0.8 | JFWS | Jewell Farm | 81.10 38 | P | P | 04 59 52.3 -0.5 | ABTX | Abilene, Hawle | 84.15 50 | I Amb | I Amb | 05 00 10.7 | |
| KLYT | Klyvas | 78.63 316 | P | P | 04 59 40.2 +0.8 | MMAI | Merton Ar | 81.12 307 | P | P | 04 59 54.4 +1.2 | TX32 | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 11.2 | |
| ZST | Zratislava | 78.64 328 | eP | P | 04 59 41.0 +1.6 | SNF | Senefte | 81.12 336 | P | P | 04 59 52.6 -0.1 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| ZST | SNR=2.260nm,1.6s | | pmax | pmax | | RCHB | Rochefort | 81.15 335 | P | P | 04 59 52.6 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| ZST | Bratislava | 78.64 328 | eP | P | 04 59 41.0 +1.6 | RCHB | Rochefort | 81.15 335 | pP | pP | 05 00 02.2 -0.6 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| SZHI | Sirazica | 78.67 314 | P | P | 04 59 40.2 +0.4 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| SVRH | Svirinasi-ESK | 78.67 314 | P | P | 04 59 40.2 +0.4 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NKC | Novy Kostel | 78.70 331 | eP | P | 04 59 40.3 +0.6 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NKC | Novy Kostel | 78.70 331 | ↑P | AMS | 04 59 40.3 +0.6 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NKC | Novy Kostel | 78.70 331 | ↑P | AMS | 05 37 50.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| SRCK | Saricakaya, Es | 78.70 315 | P | P | 04 59 40.4 +0.5 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| ISK | Istanbul-Kandi | 78.76 316 | P | P | 04 59 40.4 +0.2 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 137A | Lemond, Waseca | 78.80 39 | I Amb | I Amb | 04 59 41.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| BZS | Buzias | 78.82 324 | ↑P | P | 04 59 40.8 +0.4 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| ADVT | Abdulvahap | 78.88 316 | P | P | 04 59 41.6 +0.8 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CTKS | Kestanelik-?fa | 78.91 317 | P | P | 04 59 41.0 0.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| L34A | Svendens Farm, | 78.93 42 | I Amb | I Amb | 04 59 41.8 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| JMB | Yambol | 78.94 319 | I P | P | 04 59 41.9 +0.8 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CIFT | Cifteler, Eski | 78.97 314 | P | P | 04 59 41.5 0.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CAVI | Cavuskoj | 79.00 315 | P | P | 04 59 42.4 +0.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| HIER | Herulane | 79.04 323 | ↑P | P | 04 59 41.6 0.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| LADK | Ladik-KONYA | 79.12 312 | P | P | 04 59 42.7 +0.4 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KHC | Kasperske Hory | 79.22 330 | pmax | pmax | 04 59 43.0 +0.4 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KHC | Kasperske Hory | 79.22 330 | ↑P | AMS | 05 37 50.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KHC | Kasperske Hory | 79.22 330 | ↑P | AMS | 05 37 50.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KHC | Kasperske Hory | 79.22 330 | ↑P | AMS | 05 37 50.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KHC | Kasperske Hory | 79.22 330 | ↑P | AMS | 05 37 50.0 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| ARMT | Armutlu | 79.23 316 | P | P | 04 59 42.7 -0.1 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| KONT | Konya-Tatoy | 79.30 312 | P | P | 04 59 43.9 +0.6 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 319A | Douglas | 79.32 57 | I Amb | I Amb | 04 59 44.4 +0.8 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 319A | Douglas | 79.32 57 | I Amb | I Amb | 04 59 45.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CONA | Conrad Observa | 79.34 328 | I P | P | 04 59 44.5 +1.1 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| MDNY | Mudanya-Bursa | 79.36 316 | P | P | 04 59 43.7 -0.2 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CRLT | Corlu | 79.38 317 | P | P | 04 59 45.1 +1.5 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| GERES | GERES Array B | 79.41 330 | P | P | 04 59 44.0 +0.3 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| GERES | GERES Array B | 79.41 330 | P | P | 04 59 44.0 +0.3 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| GERES | GERES Array B | 79.41 330 | P | P | 04 59 44.0 +0.3 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| GERES | GERES Array B | 79.41 330 | P | P | 04 59 44.0 +0.3 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| MDVR | Moldovia | 79.43 323 | ↑P | P | 04 59 43.7 -0.2 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 121A | Cookes Peak, D | 79.43 55 | P | P | 04 59 45.9 +1.6 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 121A | Cookes Peak, D | 79.43 55 | I Amb | I Amb | 04 59 46.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| 121A | Cookes Peak, D | 79.43 55 | I Amb | I Amb | 04 59 46.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CBKS | Cedar Bluff | 79.54 46 | I Amb | I Amb | 04 59 44.1 -0.5 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CBKS | Cedar Bluff | 79.54 46 | I Amb | I Amb | 04 59 45.2 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| CBKS | Cedar Bluff | 79.54 46 | I Amb | I Amb | 04 59 45.2 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| GRA1 | Gräfenberg Arr | 79.59 332 | I Amb | I Amb | 04 59 46.5 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | I Amb | 05 00 09.9 +0.7 | |
| NWAO | Narrogin (SRO) | 79.67 204 | LR | LR | 05 33 42.9 | BMRD | Maredsous | 81.16 336 | P | P | 04 59 52.8 -0.2 | TXAR | Lajitas Array | 84.19 55 | I Amb | | | |

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like JALR, J57A, H60A, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like N60A, R54A, Q56A, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like W57A, W57A, X56A, etc.

Table with columns: GRPR, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tuman, Nemuro 2, Nemuro-Hokkai, etc.

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

Table with columns: IDYN, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Dyngjuhals, Urdarhals, Husbondi, etc.

WEL 19 08:05:01.6:0.9,38.5:7.18:0E.41,h33km,M3.3/30, ML3.5/30,MLV3.3/30, Error ellipse: s-maj=0.0km s-min=0.0km az=27.9, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Waiomatatini S, Matakaoa Point, Puketiti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like La Paz, Punta Patache, Diego Aracena, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Vatsnell, Svartkork, Grimstaalir, etc.

KRNET 19 08:09:02.4:0.1,41.18N:69.53E,mb2.5 NNC 19 08:09:06.4:3.6,40.85N:70.00E,h0km,mb3.1,mpv2.7, Error ellipse: s-maj=27.7km s-min=17.4km az=43.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Terek-Say, Karatay Array, Karamyk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Matias Romero, Lajitas Array, Tic Toumudi, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Berggiesshubbell, Froisher Bay, Kasperse Hory, etc.

NEIC 19 08:12:34.2:0.17:87S:0:05:69.42W:0:05:h150km,7km, Error ellipse: s-maj=8.1km s-min=7.4km az=151.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Karatay Array, Karamyk, Makanchi, etc.

MOS 19 08:12:47.6:1.0,64.59N:17.69W,h13km,mb4.3/17, Error ellipse: s-maj=16.4km s-min=8.9km az=101.9

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

ISC 19 08:12:49.0:0.4,64.62N:17.60W:0:03:h10km,n114, s161/104,mb4.2/36.9C,Iceland

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBZ Khabaz, YKA Yellowknife Ar, INK Inuvik, etc.

IDC 19 08:23:19.3:0.8,56:46S:25:14W, h0km, mb4.3/9, mb1.4/10, mb1mx4.1/27, mbtmp4.3/10, ML3.8/1, MS3.8/2, Ms1.3/1.7, ms1mx3.2/20, Error ellipse: s-maj=34.5km s-min=17.3km

NEIC 19 08:23:20.8:1.1,56:55S:0:1:25:1W:0.2, h10km,2km, mb4.6/14, Error ellipse: s-maj=25.4km s-min=18.4km az=40.0

ISC 19 08:23:24.5:0.7,56:55S:0:1:25:2W:0.1, h40km, n34, 08:44/32, mb4.4/13, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, SNA3 Sanae, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, YKA Yellowknife Ar, INK Inuvik, etc.

IDC 19 08:29:13.6:5.4,57:75S:149:93W, h0km, mb3.5/2, mb1.3/6.9, mb1mx3.5/23, mbtmp3.5/2, Error ellipse: s-maj=87.52km s-min=119.9km az=176.0

Pacific-Antarctic Ridge

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

IDC 19 08:32:25.7:1.3,23:82S:66:81W, h186km, 12km, mb3.4/4, mb1.3/6.9, mb1mx3.4/27, mbtmp4.0/9, MS2.3/1, Ms1.2/3.1, ms1mx2.2/12, Error ellipse: s-maj=25.2km s-min=16.1km az=16.0

NEIC 19 08:32:26.9:1.7,23:83S:0:08:67:2W:0.2, h224km, 10km, mb4.2/2, Md3.9(SJ), Error ellipse: s-maj=21.2km s-min=11.4km az=94.0

ISC 19 08:32:28.0:7.2,23:84S:0:06:66:76W:0.07, h181km, n34, 09:59/39, mb3.8/5, Jujuy Province

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

IDC 19 08:36:12.1:3.2,54:36N:87:38E, h0km, mb1.3/1.2, mb1mx3.0/43, mbtmp3.1/2, Error ellipse: s-maj=27.2km s-min=17.4km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

WEL 19 08:37:04.5,39:25:08:175:4E:0.8, h14km, 1km, M1.5/15, ML1.8/15, MLV1.5/15, Error ellipse: s-maj=0.0km s-min=0.0km az=43.6, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWZ Taurewa, PKVZ Pokaka, FWZ Far West T-bar, etc.

IDC 19 08:40:50.8:2.4,6:34N:104:23W, h0km, mb3.9/6, mb1.4/2.6, mb1mx3.9/29, mbtmp3.9/6, MS3.1/2, Ms1.3/1.2, ms1mx2.8/32, Error ellipse: s-maj=134.4km s-min=39.9km az=97.0

ISC 19 08:40:51.7:2.5,6:33N:104:03W:1:0, h10km, n10, 08:42/8, mb3.8/6, Galapagos Triple Junction region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMIG Matias Romero, JTS Las Juntas de, TXAR Lajitas Array, etc.

IDC 19 08:51:00.1:2.4,5:75S:145:42E, h49km, 23km, mb3.7/7, mb1.3/9.1, mb1mx3.7/38, mbtmp4.0/11, ML3.6/3, MS3.1/6, Ms1.3/1.6, ms1mx2.8/45, Error ellipse: s-maj=27.8km s-min=16.3km az=57.0

ISC 19 08:51:05.6:0.9,9:03S:0:1:145:6E:0.2, h109km, n15, s=886/13, mb3.6E, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, JAY Jayapura, etc.

JMA 19 08:51:36.0:2.4:65N:122:25E, h0km, M2.5, TAP 19 08:51:37.6:2.4:59N:122:15E, h14km, ML2.4, C

ISC 19 08:51:36.4:1.0,2:46N:104:122E:0:02, h8km, 11km, n32, 09:57/59, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWC Suao, ENAH Nanao, ENAH Nanao, etc.

Table with columns: Station Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like Ryogami san, Abashiri-Toko, Tuman, Matsuhiro Arr, Misakicho, etc.

Table with columns: Station Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like Guiyang, Tixi, Jazator, Urumqi, Zalesovo Beam, etc.

Table with columns: Station Name, RA, Dec, Az, El, SNR, and other parameters. Includes stations like Malin Array Be, Pinedale Array, Cedar City, etc.

NNC 19 09:59:57.62_1.53:48N:87.77E, h0km, mb3.6, mpv3.3, 7C-7D, Error ellipse: s-maj=16.7km s-min=8.8km

az=64.0, Suspected Mining explosion., Southwestern Siberia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ZAAO, KURK, KURB, etc.

JMA 19 10:05:27.3_0.1, 38:49N:144:55E, h36km, M3.6, Off east coast of Honshu

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

ISAT 19 10:08:29.2, 38:86N:43:53E, h20km, 2km, ML2.0/4

DDA 19 10:08:15.8, 37:37N:43:83E, h30km, 1km, ML2.1, Turkey

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like HAKT, CUKT, YOVA, etc.

| | | | | | |
|-------|----------------|-----------|-------|-----|-----------------|
| MODS | Modra-Piesok | 6.37 39 | ePN | Pn | 10 38 04.6 -0.4 |
| MODS | | | eSN | Sn | 10 39 11.5 -5.8 |
| PBCC | Pribram | 6.39 16 | ePN | Pn | 10 38 05.3 +0.2 |
| AVF | Avril sur Loir | 6.41 303 | ePN | Pn | 10 38 05.7 +0.2 |
| AVF | | | eS | Pn | 10 39 13.9 -4.3 |
| SSF | Saint Saulge | 6.45 305 | ePN | Pn | 10 38 03.6 -2.4 |
| SSF | | | eSN | Pn | 10 39 14.1 -5.0 |
| MEZF | Maizieres J'vi | 6.52 321 | ePN | Pn | 10 38 06.4 -0.5 |
| MEZF | | | eS | Pb | 10 38 30.8 +6.0 |
| MEZF | | | eSN | Pn | 10 39 16.1 -4.7 |
| MEZF | | | eSg | Sg | 10 39 55.4 -5.6 |
| KRUC | Moravsky | 6.54 31 | ePN | Pn | 10 38 05.9 -1.3 |
| KRUC | | | eSN | Sn | 10 39 17.5 -3.7 |
| SMOL | Smolenice | 6.54 39 | eSN | Sn | 10 39 11.2 -1.0 |
| MTLF | Montlieu | 6.56 271 | P | Pn | 10 38 07.7 +0.2 |
| MTLF | | | P | Pn | 10 38 07.7 +0.2 |
| MTLF | | | eS | Pn | 10 38 06.7 -0.8 |
| MTLF | | | eS | Pn | 10 39 26.1 +4.3 |
| SAVF | Savonnières en | 6.57 322 | ePN | Pn | 10 38 07.2 -0.4 |
| SAVF | | | eSN | Sn | 10 39 14.0 -8.1 |
| BGF | Bois d'Angland | 6.63 299 | ePN | Pn | 10 38 08.5 +0.1 |
| BGF | | | eSN | Pn | 10 39 19.8 -3.8 |
| BGF | | | eSg | Sg | 10 39 58.7 -5.8 |
| FNEB | Nbias | 6.69 267 | P | Pn | 10 38 09.2 -0.2 |
| FNEB | | | P | Pn | 10 38 09.2 -0.2 |
| NKC | Novy Kostel | 6.70 7 | eP | Pn | 10 38 08.3 -1.1 |
| NKC | | | ePN | Pn | 10 38 08.3 -1.1 |
| CAF | Calviac | 6.71 285 | ePN | Pn | 10 38 09.9 +0.3 |
| CAF | | | eP | Pn | 10 38 35.8 -4.5 |
| CAF | | | eSg | Sg | 10 38 35.8 -4.5 |
| ABH | Alteburg | 6.78 339 | P | Pn | 10 38 10.8 +0.4 |
| ABH | | | P | Pn | 10 38 10.8 +0.4 |
| PRU | Pruhonic | 6.79 18 | eP | Pn | 10 38 09.7 -0.9 |
| PRU | | | e | Pn | 10 39 23.4 |
| PRU | | | ePN | Pn | 10 39 17.7 -0.9 |
| PRU | | | eSN | Pn | 10 39 23.4 -4.1 |
| VRAC | Vranov | 6.81 31 | Pn | Pn | 10 38 10.6 -0.4 |
| VRAC | | | Sn | Pn | 10 39 24.6 -3.5 |
| VRAC | | | LR | LR | 10 41 31.3 |
| VRAC | | | eSg | Pn | 10 38 07.3 -3.7 |
| VRAC | | | eSN | Pn | 10 39 23.4 -4.4 |
| JVC | Velka Javorina | 6.91 38 | ePN | Pn | 10 38 11.7 +0.6 |
| WLF | Walferdange | 7.00 332 | Pn | Pn | 10 38 21.3 +7.8 |
| WLF | | | Sn | Pn | 10 39 24.1 -8.6 |
| WLF | | | Pn | Pn | 10 38 14.9 +1.4 |
| WLF | | | Pn | Pn | 10 38 14.9 +1.4 |
| MOX | Moxa | 7.06 2 | P | Pn | 10 38 14.2 -0.1 |
| HYF | Humbigny | 7.07 304 | ePN | Pn | 10 38 14.4 -0.1 |
| HYF | | | eSN | Pn | 10 39 30.4 -3.9 |
| HYF | | | eSg | Sg | 10 40 11.9 -6.6 |
| JFJF | Les Rejaudoux | 7.15 287 | ePN | Pn | 10 38 15.6 +0.9 |
| VYHS | Vyhne | 7.21 45 | eP | Pn | 10 38 17.7 +1.2 |
| VYHS | | | e | Pn | 10 39 31.9 |
| VYHS | | | ePN | Pn | 10 38 17.7 +1.2 |
| VYHS | | | eSg | Pg | 10 38 45.8 -4.1 |
| VYHS | | | ePN | Pn | 10 39 31.9 -6.1 |
| PSZ | Piszkesteto | 7.45 51 | P | Pn | 10 38 20.4 +0.9 |
| PSZ | | | Pn | Pn | 10 38 21.4 +1.6 |
| PSZ | | | Pn | Pn | 10 38 21.4 +1.6 |
| BRG | Berggiesshubel | 7.51 13 | iPN | Pn | 10 38 20.2 -0.4 |
| BRG | | | e | Pn | 10 39 40.1 |
| BRG | | | e | Pn | 10 40 19.4 |
| BRG | | | iP | Pn | 10 38 20.2 -0.4 |
| BRG | | | pmx | pmx | 10 39 40.1 |
| MORC | Moravsky Berou | 7.56 33 | iP | Pn | 10 38 22.1 +0.9 |
| MORC | | | Pn | Pn | 10 38 22.8 +1.6 |
| MORC | | | Pn | Pn | 10 38 22.8 +1.6 |
| DPC | Dobruska-Polom | 7.60 25 | ePN | Pn | 10 38 21.4 -0.5 |
| DPC | | | ePN | Pn | 10 38 22.9 +0.7 |
| MDVR | Moldovita | 7.63 77 | iP | Pn | 10 38 22.9 +0.7 |
| LF | La Frestale | 7.64 284 | ePN | Pn | 10 38 22.3 -0.1 |
| LF | | | Pb | Pn | 10 38 51.1 +7.2 |
| BZS | Buzias | 7.69 71 | ePN | Pn | 10 38 23.5 +0.5 |
| CLL | Collm | 7.81 8 | eSN | Pn | 10 39 33.7 +1.0 |
| CLL | | | e | Pn | 10 39 41.0 -1.2 |
| CLL | | | e | Pn | 10 40 13.0 |
| CLL | | | eSg | Sb | 10 40 41.0 +2.2 |
| CLL | | | eLmax | Pn | 10 41 31.0 |
| CLL | | | Pn | Pn | 10 38 23.6 -1.0 |
| CLL | | | Pn | Pn | 10 38 23.6 -1.0 |
| GIVF | Givet | 7.85 328 | ePN | Pn | 10 38 24.6 -0.5 |
| GIVF | | | Pb | Pn | 10 38 55.8 +8.5 |
| GIVF | | | eSN | Pn | 10 39 47.6 -5.9 |
| MEM | Membach | 7.87 335 | Pn | Pn | 10 38 56.4 +1.3 |
| MEM | | | Sn | Pn | 10 39 50.0 -3.9 |
| DOU | Dourbes | 7.93 327 | Pn | Pn | 10 38 35.2 +9.0 |
| BCLA | Clavier | 7.93 331 | Sn | Pn | 10 39 53.2 -2.4 |
| EPF | Esparrros | 7.96 270 | ePN | Pn | 10 38 25.7 -1.0 |
| EPF | | | ePN | Pn | 10 38 57.9 +8.6 |
| EPF | | | eSN | Pn | 10 39 50.7 -5.9 |
| BGES | Gesves | 7.98 330 | Pn | Pn | 10 38 34.5 +7.6 |
| BGES | | | Pb | Pn | 10 38 47.2 -2.4 |
| BGES | | | Sn | Pn | 10 40 07.2 +1.0 |
| BGES | | | eSN | Pn | 10 38 30.2 +3.1 |
| KEST | Kesra | 7.98 191 | Pn | Pn | 10 38 30.2 +3.1 |
| KEST | | | eSg | Pn | 10 38 30.2 +3.1 |
| BAIF | Baives | 8.06 326 | ePN | Pn | 10 38 27.7 -0.3 |
| BAIF | | | Pb | Pn | 10 38 59.2 +8.3 |
| BAIF | | | eSN | Pn | 10 39 53.6 +0.5 |
| EIF | Eisa | 8.12 77 | iP | Pn | 10 38 29.7 +0.5 |
| HERR | Herculane | 8.14 77 | iP | Pn | 10 38 29.7 +0.5 |
| HERR | | | Sn | Pn | 10 39 58.0 -2.7 |
| GZR | Gura Zlata | 8.46 74 | iP | Pn | 10 38 34.3 +0.7 |
| GZR | | | iS | Pn | 10 40 04.1 -4.5 |
| MFF | Saint Martin d | 8.59 294 | ePN | Pn | 10 38 35.1 -0.2 |
| MFF | | | ePN | Pn | 10 38 37.7 +3.3 |
| MFF | | | ePN | Pn | 10 38 36.5 +1.2 |
| ETSF | Etsaut | 8.63 269 | ePN | Pn | 10 38 36.6 +0.6 |
| ETSF | | | ePN | Pn | 10 39 09.2 +3.3 |
| ETSF | | | eSg | Pn | 10 40 07.2 -5.7 |
| DRGR | Saint Gilles | 8.72 65 | iP | Pn | 10 38 37.6 +0.4 |
| DRGR | | | Pn | Pn | 10 39 02.2 -2.2 |
| VTS | Vitoshia | 8.84 92 | iP | Pn | 10 38 39.0 0.0 |
| SJPF | Ste Jean | 9.08 271 | ePN | Pn | 10 38 40.1 -2.0 |
| SJPF | | | ePN | Pn | 10 39 17.8 +3.6 |
| SJPF | | | eSN | Pn | 10 40 16.1 -7.8 |
| UZH | Uzghorod | 9.15 74 | iP | Pn | 10 38 43.7 +0.5 |
| LDF | La Druitiere | 9.33 306 | ePN | Pn | 10 38 44.5 +1.0 |
| LDF | | | ePN | Pn | 10 38 43.3 -2.2 |
| LDF | | | eSN | Pn | 10 39 21.1 +3.6 |
| LDF | | | eSN | Pn | 10 40 22.1 -7.8 |
| AGG | Agios Georgios | 9.52 115 | P | Pn | 10 38 51.9 +3.7 |
| AGG | | | Pn | Pn | 10 38 51.9 +3.7 |
| FLN | La Foliniere | 9.62 307 | ePN | Pn | 10 38 49.6 +0.2 |
| FLN | | | eSN | Pn | 10 40 28.7 -8.3 |
| FLN | | | eSg | Pn | 10 41 30.6 |
| GRR | Gorron | 9.68 304 | ePN | Pn | 10 38 46.9 -3.3 |
| GRR | | | ePN | Pn | 10 39 28.0 +3.8 |
| GRR | | | eSg | Pn | 10 41 31.1 +5.3 |
| ARR | Arges | 9.75 70 | iP | Pn | 10 38 51.5 +0.1 |
| VOIR | Voire | 10.05 75 | iP | Pn | 10 38 55.0 -0.4 |
| DOPR | Dopca | 10.35 72 | iP | Pn | 10 38 59.4 -0.1 |
| BUR08 | Bucovina Ar. S | 10.59 63 | Pn | Pn | 10 39 03.9 +1.0 |
| BUR08 | | | Pn | Pn | 10 39 06.3 -0.3 |
| SGMR | Saint Gilles | 10.67 301 | ePN | Pn | 10 39 06.0 -3.7 |
| SGMF | Saint Gilles | 10.67 301 | ePN | Pn | 10 39 43.7 +4.0 |
| SGMF | | | eSN | Pn | 10 40 55.1 -7.6 |
| MLR | Muntele Rosu | 10.68 75 | Pn | Pn | 10 39 06.8 +2.7 |
| MLR | | | LR | LR | 10 43 44.3 |
| MLR | | | Pn | Pn | 10 39 04.0 -0.1 |
| MLR | | | Pn | Pn | 10 39 05.1 +1.0 |
| MLR | | | ePN | Pn | 10 39 06.6 -3.7 |
| ROSF | Rostrenen | 11.14 300 | ePN | Pn | 10 39 06.6 -3.7 |
| ROSF | | | eSN | Pn | 10 39 54.2 +4.4 |

| | | | | | |
|-------|----------------|-----------|------|------|-----------------|
| ROSF | Bisoca | 11.22 75 | iP | Pn | 10 41 04.9 -1.0 |
| BISRR | Sonsec | 12.02 256 | Pn | Pn | 10 39 11.1 -0.4 |
| ESDC | Sonsec | 12.02 256 | Pn | Pn | 10 39 22.5 +0.1 |
| PAB | San Pablo | 12.34 256 | P | Pn | 10 39 30.2 +3.4 |
| PAB | | | Pn | Pn | 10 39 30.2 +3.4 |
| API | Apeiranthos | 12.71 116 | iP | Pn | 10 39 34.6 +2.8 |
| IDE | Anoyia | 13.42 124 | LR | LR | 10 45 33.3 |
| AKASO | Malin Array Be | 14.14 54 | Pn | Pn | 10 39 50.4 -0.9 |
| AKASO | | | Pn | Pn | 10 39 50.4 -0.9 |
| EKA | Ekdalemir Ar | 14.98 327 | P | Pn | 10 39 57.3 +2.5 |
| EKA | | | Pn | Pn | 10 39 60.0 -2.6 |
| ANKA | Ankara | 14.98 327 | P | Pn | 10 40 00.0 -2.6 |
| ANKA | | | Pn | Pn | 10 40 21.6 -1.1 |
| ANTO | Antiochia | 16.52 96 | Pn | Pn | 10 40 21.6 -1.1 |
| ANTO | | | Iamb | Iamb | 10 40 24.9 |
| HFS | Hagfors | 16.63 4 | Pn | P | 10 40 26.4 +0.1 |
| NB2 | NORSAR Subarra | 17.48 360 | P | P | 10 40 36.1 +0.4 |
| NOA | NORSAR Array B | 17.48 360 | P | P | 10 40 36.0 +0.3 |
| NOA | | | P | P | 10 40 36.0 +0.3 |
| NC405 | NORSAR Array S | 17.55 1 | P | P | 10 40 38.1 +1.6 |
| NC405 | | | Iamb | Iamb | 10 40 48.3 |
| VSU | Vasula | 17.73 27 | iP | Pn | 10 40 37.1 -0.5 |
| VSU | | | pmx | pmx | 10 40 37.1 -0.5 |
| FINES | FINES Array B | 19.94 21 | P | Pn | 10 41 04.5 +0.1 |
| FINES | | | Pn | Pn | 10 41 04.5 +0.1 |
| OBN | Obrinsk | 20.01 461 | eS | P | 10 41 04.3 +0.9 |
| OBN | | | pmx | pmx | 10 40 43.7 -1.0 |
| OBN | | | pmx | pmx | 10 40 43.7 -1.0 |
| OBN | | | MLR | MLR | 10 41 09.4 +0.7 |
| VOR | Vornogorie | 20.33 59 | eP | Pn | 10 41 09.4 +0.3 |
| VOR | | | pmx | pmx | 10 41 09.4 +0.3 |
| LPSR | Galich'ya Gora | 20.47 54 | eP | Pn | 10 41 08.1 -0.4 |
| LPSR | | | pmx | pmx | 10 41 31.3 |
| MOS | Moscow | 20.82 45 | eP | P | 10 41 11.7 -0.5 |
| MOS | | | eP | P | 10 41 12.2 -1.1 |
| KIV | Kislovodsk | 22.66 78 | eP | Pn | 10 41 34.1 +1.9 |
| KIV | | | pmx | pmx | 10 41 34.1 +1.9 |
| KBZ | Khabaz | 22.85 79 | P | P | 10 41 37.2 +3.2 |
| KBZ | | | P | P | 10 41 35.9 +1.9 |
| KBZ | | | pmx | pmx | 10 41 35.9 +1.9 |
| KLMR | Klimovskoe | 24.17 35 | eP | P | 10 41 44.8 -2.1 |
| KLMR | | | pmx | pmx | 10 41 44.8 -2.1 |
| KLMR | | | AMP | P | 10 41 44.8 -2.1 |
| KLMR | | | AMP | P | 10 41 51.8 |
| BELG | Belogorie | 25.67 57 | iP | Pn | 10 42 03.1 +2.6 |
| BELG | | | pmx | pmx | 10 42 03.1 +2.6 |
| ARCES | ARCES Array B | 27.02 11 | P | P | 10 42 13.7 +1.0 |
| ARCES | | | LR | LR | 10 54 28.2 |
| KIRV | Kirov | 27.82 44 | LR | LR | 10 54 47.4 |
| KIRV | | | LR | LR | 10 54 47.4 |
| JMIC | Jan Mayen | 29.16 347 | P | P | 10 42 20.2 +0.3 |
| JMIC | | | P | P | 10 42 31.2 -0.4 |
| TOAO | Torodi Ar. Sit | 31.43 198 | P | P | 10 42 55.5 +3.3 |
| TOAO | | | Iamb | Iamb | 10 42 57.9 |
| TORD | Torodi Ar. Bea | 31.43 198 | P | P | 10 42 53.0 +0.8 |
| TORD | | | LR | LR | 10 54 53.6 |
| ARU | Arti | 32.34 50 | iP | Pn | 10 42 59.6 -0.3 |
| ARU | | | S | S | 10 44 02.2 |
| ARU | | | SS | SSn | 10 48 15.8 +2.9 |
| ARU | | | pmx | pmx | 10 50 07.9 +2.8 |
| BRVK | Borovoye | 39.35 55 | iP | Pn | 10 44 00.9 +0.9 |
| BRVK | | | pmx | pmx | 10 44 00.9 +0.9 |
| DBIC | Dimbokro | 39.40 206 | LR | LR | 11 00 27.8 |
| KURK | Kurchatov | 44.94 56 | iP | Pn | 10 44 46.2 +0.7 |
| KURK | | | pmx | pmx | 10 44 46.2 +0.7 |
| NRIK | Noril'sk | 45.31 29 | eP | Pn | 10 44 48.2 0.0 |
| NRIK | | | pmx | pmx | 10 44 48.2 0.0 |
| ZALV | Zalesovo Beam | 47.51 50 | LR | LR | 11 05 06.2 |
| KSH | Kashi | 47.52 96 | iP | Pn | 10 45 10.3 -4.0 |
| KSH | | | PcP | PcP | 10 46 34.3 -1.8 |
| KSH | | | pmx | pmx | 10 46 34.3 -1.8 |
| KSH | | | pmx | pmx | 10 46 34.3 -1.8 |
| MK31 | Makanchi Array | 48.61 60 | iP | Pn | 10 45 17.1 +2.7 |
| MKAR | Makanchi Array | 48.61 | | | |

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MVO, MTE, PBRG, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MLR, KOWA, AKASG, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FFC, T47A, INK, etc.

ROM 19 11:11:56.6-0.1,43:18N:0:006:11.24E:0:01,h7km;1km, M0.8/2.1C,Error ellipse: s-maj=0.8km s-min=0.7km az=84.0,Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Op, P, h, m, s, ISC, Res, and other technical details. Includes stations like OSSC, OSSF, etc.

| | | | | | | | | | | | | | | | | | | | |
|-------|----------------------------------------------|----------|----|----|------------|------|-------|------------------|----------|----|----|------------|------|------|--------------------------------------------|-----------|------------|------------|------|
| KBG | Krutoberegovo | 0.27 262 | eP | Pg | 12 50 28.0 | +0.3 | BKZ | Black Stump Fm | 1.53 233 | P | Pn | 12 51 47.5 | +1.2 | ASAR | comp=Z,21nm,0.5s,baz=124,slow=8.5,SNR=661 | ScP | 13 04 42.0 | -2.6 | |
| SKB | SKB | | eS | Sg | 12 50 32.1 | +0.9 | BRZ | Black Stump Fm | 1.53 233 | P | Pn | 12 51 47.5 | +1.2 | ASAR | comp=Z,1.1nm,0.7s,baz=120,slow=4.0,SNR=7.6 | ScP | 13 04 56.1 | -2.9 | |
| SMKR | Semkarok | 0.99 288 | eP | Sb | 12 50 40.7 | -1.3 | GRB | Galatos Road | 1.54 266 | P | Pn | 12 51 47.5 | +1.1 | ASAR | comp=Z,0.6nm,0.7s,baz=124,slow=14,SNR=4.3 | LR | 13 15 49.1 | | |
| BDR | Baidarnaya | 1.13 285 | eP | Sb | 12 50 54.0 | -1.3 | MCHZ | McNeill Hill | 1.59 222 | P | Pn | 12 51 48.1 | +0.9 | KRVT | comp=Z,280nm,18.4s,baz=115,slow=37 | P | 12 59 03.0 | -0.7 | |
| SDR | Sorokina | 1.17 289 | eP | Sb | 12 50 43.1 | -1.6 | CKHZ | Cape Kidnapper | 1.60 209 | P | Pn | 12 51 47.4 | +0.1 | RABL | Keravat (AS076 41.29 318) | P | 12 59 04.6 | +0.7 | |
| SRKR | Sorokina | 1.17 289 | eP | Sb | 12 50 43.8 | -1.5 | HAJZ | Hajdars Road | 1.67 241 | P | Pn | 12 51 48.9 | +0.2 | FORT | comp=Z,68nm,0.7s,baz=124,slow=6.1,SNR=10 | P | 12 59 04.5 | -0.4 | |
| ZLN | Zelenaya | 1.36 259 | eP | Sb | 12 51 00.3 | -0.2 | KMRZ | Kaimai | 1.73 283 | P | Pn | 12 51 48.9 | +0.2 | WRO | comp=Z,49nm,0.8s | Iamb | 12 59 05.2 | | |
| ZLN | Zelenaya | 1.36 259 | eP | Sb | 12 51 04.4 | -1.8 | MYRZ | Mayors Forest | 1.74 207 | P | Pn | 12 51 49.6 | +0.3 | WRB | Warramunga Arr | 41.74 283 | P | 12 59 07.6 | -0.6 |
| CYR | Tsirik | 1.37 263 | eP | Sb | 12 50 47.4 | -0.7 | KATZ | Kaia Road | 1.78 262 | P | Pn | 12 51 50.0 | +0.8 | WB2 | Warramunga Arr | 41.89 283 | P | 12 59 07.8 | -0.8 |
| CKFR | Klyuchi | 1.41 272 | eP | Sb | 12 50 45.8 | -2.7 | RITZ | Riia Road | 1.87 247 | P | Pn | 12 51 52.2 | +1.0 | WRAB | comp=Z,19nm,0.8s | Iamb | 12 59 07.8 | -0.8 | |
| KLH | Loginova | 1.41 262 | eP | Sb | 12 51 03.7 | -3.6 | RATZ | Rangitukua | 1.90 251 | P | Pn | 12 51 52.4 | +1.0 | WRAB | comp=Z,19nm,0.8s | Iamb | 12 59 07.8 | -0.8 | |
| LGNR | Loginova | 1.41 262 | eP | Sb | 12 50 48.1 | -0.7 | KRHZ | Kereri | 1.91 223 | P | Pn | 12 51 54.3 | +0.9 | WRA | comp=Z,19nm,0.8s | Iamb | 12 59 07.8 | -0.8 | |
| LGNR | Loginova | 1.41 262 | eP | Sb | 12 51 07.0 | -0.5 | BHHZ | Black Hill Sta | 1.99 331 | P | Pn | 12 51 54.3 | +0.8 | WRA | comp=Z,19nm,0.8s,baz=127,slow=6.9,SNR=166 | ScP | 13 04 48.1 | -3.3 | |
| BZGR | Bezymyanni-Gr | 1.44 257 | eP | Sb | 12 50 48.5 | -1.1 | TATZ | Tatars Road | 1.99 287 | P | Pn | 12 51 53.9 | +1.1 | WRA | comp=Z,0.6nm,0.7s,baz=124,slow=9.9,SNR=5.0 | ScP | 13 05 22.4 | -2.1 | |
| BZGR | Bezymyanni-Gr | 1.44 257 | eP | Sb | 12 51 07.3 | -0.8 | TL1 | Tolley Road | 1.99 287 | P | Pn | 12 51 53.9 | +1.1 | WRA | comp=Z,1.0nm,0.9s,baz=124,slow=14,SNR=5.1 | ScP | 13 05 22.4 | -2.1 | |
| KRSR | Krestovskiy | 1.46 268 | eP | Sb | 12 50 48.5 | -0.8 | PXZ | Pawanui | 2.00 207 | P | Pn | 12 51 52.3 | -0.5 | RKT | comp=Z,30nm,1.1s | Iamb | 13 00 23.1 | | |
| KRSR | Krestovskiy | 1.46 268 | eP | Sb | 12 51 07.6 | -1.2 | TMVZ | Te Maari | 2.04 244 | P | Pn | 12 51 54.3 | +0.9 | WRO | comp=Z,1.72nm,18.1s,baz=240,slow=38 | LR | 12 59 08.8 | | |
| BZWR | Bezymyanni-We | 1.54 259 | eP | Sb | 12 50 50.7 | -0.7 | ETVZ | East Tongariro | 2.04 244 | P | Pn | 12 51 54.3 | +0.8 | WRO | comp=Z,1.72nm,18.1s,baz=240,slow=38 | LR | 12 59 08.8 | | |
| BZWR | Bezymyanni-We | 1.54 259 | eP | Sb | 12 51 10.7 | -0.4 | KREWZ | Karewarewa | 2.07 245 | P | Pn | 12 51 54.7 | +0.8 | JAY | comp=Z,2.1nm,1.2s | P | 13 00 06.5 | -0.7 | |
| BZWR | Bezymyanni-We | 1.54 259 | eP | Sb | 12 50 52.2 | -0.6 | OTVZ | Oturea | 2.08 257 | P | Pn | 12 51 55.0 | +0.9 | FITZ | comp=Z,1.7nm,0.5s,baz=176,slow=4.8,SNR=10 | Iamb | 13 00 10.5 | | |
| BZWR | Bezymyanni-We | 1.54 259 | eP | Sb | 12 51 09.5 | -1.5 | TOZ | Tahuroa Road | 2.09 284 | P | Pn | 12 51 58.8 | -1.1 | FITZ | comp=Z,1.7nm,0.5s,baz=176,slow=4.8,SNR=10 | Iamb | 13 00 10.5 | | |
| KIRR | Kirishev | 1.62 259 | eP | Sb | 12 51 13.3 | -0.3 | WTVZ | West Tongariro | 2.12 245 | P | Pn | 12 51 58.8 | -1.1 | MORW | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KIRR | Kirishev | 1.62 259 | eP | Sb | 12 51 13.3 | -0.3 | NGVZ | Ngauruhoe | 2.13 244 | P | Pn | 12 52 02.2 | -1.6 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KMINR | Kamenistaya | 1.74 253 | eP | Sb | 12 50 54.1 | -0.6 | TUKU | Tukino | 2.14 241 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KMINR | Kamenistaya | 1.74 253 | eP | Sb | 12 51 16.9 | +0.1 | MOVZ | Mowhango | 2.21 237 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KOZ | Kozyrevsk | 1.86 264 | eP | Sb | 12 51 19.9 | +1.1 | WVZ | Whangape Hut | 2.19 241 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KOZ | Kozyrevsk | 1.86 264 | eP | Sb | 12 51 20.0 | -0.3 | PNHZ | Pukeni | 2.20 231 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| TUMD | Tumrok D | 1.92 236 | eP | Sb | 12 50 55.9 | -1.8 | FWWZ | Far West T-bar | 2.20 242 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| BKI | Bering | 1.92 124 | eP | Sb | 12 51 21.0 | -0.8 | WPHZ | Waipukurau | 2.20 214 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| BRDR | Sredinnyy | 1.93 272 | eP | Sb | 12 50 55.2 | -2.5 | DRWZ | Dome Shelter | 2.20 242 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| BRDR | Sredinnyy | 1.93 272 | eP | Sb | 12 51 19.0 | -2.9 | WVWZ | Waikare Road | 2.28 292 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SRDR | Tumrok | 1.99 241 | eP | Sb | 12 50 56.3 | -1.7 | TRWZ | Taurewa | 2.21 248 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SRDR | Tumrok | 1.99 241 | eP | Sb | 12 51 21.8 | -0.4 | PRHZ | Porangahau | 2.29 209 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| TUMR | Tumrok | 1.99 241 | eP | Sb | 12 50 57.5 | -1.5 | MTVZ | Mangateiti | 2.32 240 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| TUMR | Tumrok | 1.99 241 | eP | Sb | 12 51 23.1 | -1.0 | PKVZ | Pukaka | 2.36 243 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| TUMR | Tumrok | 1.99 241 | eP | Sb | 12 50 57.5 | -1.5 | KUKZ | Kokoi | 2.40 308 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KIZM | Kizimen | 2.02 235 | eP | Sb | 12 51 27.3 | -2.2 | TSVZ | Takapu Road | 2.43 292 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SPN | Mys Shipunski | 3.29 310 | eP | Sb | 12 51 25.4 | +0.5 | DVHZ | Dannevirke | 2.51 215 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SPN | Mys Shipunski | 3.29 310 | eP | Sb | 12 51 06.5 | -1.8 | ANRZ | Angora Road | 2.52 209 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| ESO | Esso | 2.54 263 | eP | Sb | 12 51 37.6 | -2.0 | HIZ | Hauti | 2.53 263 | Pn | Pn | 12 52 01.6 | +1.4 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| OSSR | Ossora | 2.96 359 | eP | Sb | 12 51 10.4 | +0.6 | HIZ | Hauti | 2.53 263 | Pn | Pn | 12 52 01.6 | +1.4 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| OSSR | Ossora | 2.96 359 | eP | Sb | 12 51 43.6 | -2.0 | PRVZ | Veru Road | 2.73 250 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PALN | Palana | 3.29 330 | eP | Sb | 12 51 18.2 | -2.9 | WVZ | Waikare Road | 2.73 250 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SPN | Mys Shipunski | 3.29 310 | eP | Sb | 12 52 02.5 | -1.1 | PRVZ | Veru Road | 2.73 250 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SPN | Mys Shipunski | 3.29 310 | eP | Sb | 12 52 02.5 | -1.1 | PRVZ | Veru Road | 2.73 250 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KRX | Arik | 3.94 224 | eP | Pn | 12 51 26.2 | +2.8 | BFZ | Birch Farm | 2.80 210 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| SMAR | Somma | 3.96 222 | eP | Pn | 12 51 25.8 | +2.1 | BFZ | Birch Farm | 2.80 210 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| GNL | Ganally | 3.98 231 | eP | Pn | 12 51 25.5 | +1.5 | PRWZ | Port Road | 2.81 215 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| UGVY | Uglovaya | 4.81 219 | eP | Pn | 12 51 25.2 | +1.1 | ETAZ | Etah Road | 2.83 237 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| KRYA | Kryak | 4.00 223 | eP | Pn | 12 51 25.4 | +1.2 | WAZ | Wanganui | 2.83 237 | P | Pn | 12 52 02.8 | -0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| DALK | Dalny | 4.16 220 | eP | Pn | 12 51 28.1 | +1.8 | GRZ | Great Barrier | 2.89 313 | P | Pn | 12 52 05.4 | +0.4 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| DALK | Dalny | 4.16 220 | eP | Pn | 12 52 16.4 | +3.3 | OHWZ | Ohakea | 2.89 327 | P | Pn | 12 52 05.4 | +0.4 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PET | Petrovlovsk | 4.20 221 | eP | Pn | 12 51 28.2 | +1.4 | MBAZ | Moiutapu North | 2.92 300 | P | Pn | 12 52 06.4 | +0.9 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| TILK | Tilichki | 4.49 119 | eP | Pn | 12 51 32.5 | +2.3 | AWAZ | Awhitu Peninsula | 2.97 293 | P | Pn | 12 52 07.0 | +1.0 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PETK | Petrovlovsk-0.7nm,0.3s,baz=64,slow=17,SNR=19 | | eP | Pn | 12 51 33.1 | +2.1 | EPAZ | Etah Road | 2.97 293 | P | Pn | 12 52 07.0 | +1.0 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PETK | Petrovlovsk-0.7nm,0.3s,baz=64,slow=17,SNR=19 | | eP | Sb | 12 52 30.3 | -6.0 | CPWZ | Cape Campbell | 3.01 208 | P | Pn | 12 52 07.8 | +1.3 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PETK | Petrovlovsk-0.7nm,0.3s,baz=64,slow=17,SNR=19 | | eP | Sb | 12 52 30.3 | -6.0 | THWZ | Tintock | 3.03 213 | P | Pn | 12 52 07.8 | +1.3 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PETK | Petrovlovsk-0.7nm,0.3s,baz=64,slow=17,SNR=19 | | eP | Sb | 12 52 30.3 | -6.0 | MWZ | Mangahewa | 3.04 253 | P | Pn | 12 52 07.8 | +1.3 | SAUI | comp=Z,2.2nm,1.1s | Iamb | 13 00 26.2 | +0.6 | |
| PETK | Petrovlovsk-0.7nm,0.3s,baz=64,slow=17,SNR=19 | | eP | Sb | 12 52 30.3 | | | | | | | | | | | | | | |

Table with columns: SUJI, Sorong, 6.58 13 P, Pn, 14 10 19.8 +0.2, 1.1nm,0.3s,baz=234,slow=22,SNR=9.1

WRA Warrung Arr 13.28 10.0 P Pn 14 11 43.0 -1.7
WRA 1.1nm,0.3s,baz=344,slow=12,SNR=13
ASAR Alice Springs 16.71 16.7 P Pn 14 12 26.4 +0.1

ASAR 0.4nm,0.3s,baz=333,slow=14,SNR=47
ASAR 14 15 28.1 0.0 S S

MKAR Makanchi Array 68.41 32.7 P P 14 19 22.1 -0.1
0.5nm,0.4s,baz=116,slow=15,SNR=18

ZALV Zalesovo Beam 71.80 33.4 P P 14 19 42.7 +0.1
0.5nm,0.5s,baz=141,slow=9.3,SNR=2.7

IDC 19 14:14:39.7-0.7,30.80N,142.04E,h0km,mb4.0/12,
mb1.4/2.16,mb1mx3.9/49,mbtmp4.0/16,ML3.8/3,MS3.0/3,
Ms1.3/0.3,ms1mx2.6/58,Error ellipse: s-maj=22.8km

s-min=15.8km az=80.0, Sn
NEIC 19 14:14:43.8-2.9,30.88N,107.142E,1.1,h37km,gkm,
mb4.6/10,Error ellipse: s-maj=17.1km s-min=9.7km
az=76.0

JMA 19 14:14:43.2-0.6,31.20N,141.91E,h0km,M4.2
ISC 19 14:14:42.8-0.6,30.84N,102.142E,0.028,h24km,m50,
e+135/55,mb4.2/16,Southeast of Honshu

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

JHU2 Mitsune 2.93 321 Op Pn 14 15 27.4 -0.5 S

JHU2 Mitsune 2.93 321 Pn Pn 14 15 27.9 +0.1 P
JHU2 Hachioji jima 2 2.95 321 Pn Pn 14 15 26.9 -1.3 S

JHU 1.4nm,0.3s,baz=65,slow=17,SNR=1.5 Sn 14 16 00.2 -2.7

JHJ 1.2nm,0.3s,baz=266,slow=23,SNR=1.5 LR 14 16 42.8

JHJ comp=Z,1.65nm,18.6s,baz=88,slow=41 LR 14 16 19.1 -1.4

JMKJ Mikurajishish 3.65 277 eS Pn 14 15 38.4 -0.6

JCJ Chichijima 15nm,0.3s,baz=293,slow=21,SNR=4.7 Sn 14 16 20.1 -2.0

JCJ 10nm,0.3s,baz=316,slow=18,SNR=2.1 Pn 14 15 38.5 -0.5

BSO1 Boso 1 3.90 348 P Pn 14 15 40.4 -0.4

BSO3 Boso 3 4.15 343 P Pn 14 15 44.1 -0.3

KJUC kamogawauchiur 4.57 341 P Pn 14 15 51.5 +1.1

JJZS Iuzhimidi 4.68 327 P Pn 14 15 53.0 +1.1

KTJ3 Kamata3 4.77 330 P Pn 14 15 53.1 -0.1

JOD2 Odawara 2 5.27 324 P Pn 14 15 58.1 +1.2

JHU Hanno 5.49 336 P Pn 14 16 04.4 +1.3

JYT Yasato 5.58 345 P Pn 14 16 03.6 -0.7

JJO Hitachi 5.88 349 P Pn 14 16 07.6 -0.8

JAG Ashikaga 5.96 340 P Pn 14 16 09.0 0.0

JAG JAG S S 14 17 14.9 -2.0

JGK Kuroka 6.14 322 P Pn 14 16 13.9 +1.9

MJAR Matsushiro Arr 6.51 332 Pn Pn 14 16 17.8 +0.7

MJAR 0.8nm,0.3s,baz=158,slow=11,SNR=82 Sn 14 17 30.8 +0.3

MJAR 0.1nm,0.3s,baz=165,slow=18,SNR=5.8 LR 14 18 32.9

MJAR comp=Z,2.66nm,18.7s,baz=50,slow=36 LR 14 18 32.9

MAJO Matsushiro 6.51 332 Pn Pn 14 16 18.4 +1.3

MAT Matsushiro 6.51 332 Pn Pn 14 16 17.8 +0.7

MAT MAT eS S 14 17 28.3 -2.3

JMM Marumori 10.05 352 P Pn 14 16 23.5 -1.5

JSD Sado 7.82 338 Pn Pn 14 16 34.9 -0.1

JTM Tenmabayashi 9.96 356 Pn Pn 14 17 02.6 -1.7

JOW Kunigami 12.68 355 Pn Pn 14 17 39.6 -2.1

KSRs Kora Arr 13.99 303 Pn Pn 14 17 54.6 +3.4

GUMO 0.1nm,0.3s,baz=109,slow=4,SNR=1 LR 14 23 46.3

YHNB Yeheng 19.25 256 P P 14 19 07.7 -0.9

YHNB comp=Z,81nm,1.5s Iamb Iamb 14 19 16.6

KLR Kul'dur 19.94 340 P P 14 19 12.9 0.0

KLR comp=Z,0.3nm,0.3s,baz=151,slow=7.8,SNR=11 Pn 14 20 03.9 -0.9

PEAOB Petropavlovsk 25.02 23 P P 14 20 03.9 -0.9

PET Petropavlovsk 25.27 24 P P 14 20 03.9 -0.9

SONM Songoing Array 31.99 312 P P 14 21 08.7 +1.4

ZALV Zalesovo Beam 46.61 317 P P 14 23 10.5 +1.7

ZALV comp=Z,0.9nm,0.7s,baz=98,slow=7.2,SNR=3.7 Pn 14 23 20.9 +0.8

MK31 Makanchi Array 48.03 307 P P 14 23 21.2 +1.1

MK31 comp=Z,1.4nm,0.7s,baz=93,slow=9.4,SNR=11.1 Pn 14 23 22.4 +0.6

MAKZ Makanchi 48.25 307 P P 14 23 41.6 -0.1

WBD Warrung Arr 50.84 189 Iamb Iamb 14 24 05.7

WBD comp=Z,10.0nm,1.4s Iamb Iamb 14 23 41.2 -1.8

WRAB Tennant Creek 51.01 189 P Iamb Iamb 14 23 51.7

WRAB comp=Z,1.6nm,1.4s Iamb Iamb 14 23 42.5 -0.5

WRA Warrung Arr 51.02 189 P P 14 24 08.8 +0.3

WRA comp=Z,2.4nm,0.6s,baz=349,slow=7.9,SNR=50 Pn 14 24 11.1 +0.5

ILAR Eielson Array 54.51 30 P P 14 24 25.2 +0.2

ILAR comp=Z,1.2nm,0.7s,baz=56,slow=6.3,SNR=15 Pn 14 24 44.0 -1.0

ASAR Alice Springs 54.75 189 P P 14 24 56.9

ASAR comp=Z,0.7nm,0.5s,baz=354,slow=5.2,SNR=7.4 Iamb Iamb 14 24 56.9

INK Inuvik 59.72 25 P P 14 25 03.0 -0.6

INK comp=Z,6.4nm,1.3s,baz=304,slow=6.1,SNR=5.5 Iamb Iamb 14 25 05.1

INK Inuvik 59.72 25 P P 14 25 05.1

ABKAR Akbulak array 62.41 313 P P 14 25 45.5 -0.1

ABKAR comp=Z,2.8nm,0.6s Iamb Iamb 14 25 53.5 +1.7

YKA Yellowknife Arr 68.95 29 P P 14 26 42.9 +1.3

ARCES ARCES Array B 69.97 340 P P 14 26 47.8 +0.4

NVAR Nina Arr Be 79.52 323 P P 14 27 07.7 -0.4

NVAR comp=Z,2.7nm,0.7s Iamb Iamb 14 27 11.3

AKASG Malin Arr Be 79.52 323 P P 14 27 58.5 +1.5

RAYN Ar Rayn 83.51 293 P P 14 34 31.0 -0.4

RAYN comp=Z,0.7nm,0.7s,baz=301,slow=2.0,SNR=8.9 Pn 14 34 31.0 -0.4

LPAZ La Paz 148.94 199 PKIKP PKIKP Pn 14 34 31.0 -0.4

LPAZ comp=Z,0.7nm,0.5s,baz=332,slow=5.5,SNR=9.9 Pn 14 34 31.0 -0.4

IDC 19 14:31:48.1-62.0,114.5S,98.83E,h0km,mb3.5/2,mb1.3/6/3,
mb1.3/7/3,mb1mx3.3/46,mbtmp3.7/3,Error ellipse: s-maj=1238.0km
s-min=178.9km az=173.0,Southern Sumatara

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

CMAR Chiang Mai Arr 13.90 24 Pn Pn 14 18 24.4 -0.3

H0S83 Diego Garcia H 24.36 237 T T 14 45 14.2

H0S82 Diego Garcia H 24.36 237 T T 14 45 16.4

H0S81 Diego Garcia H 24.36 237 T T 14 45 18.6

FITZ Fitzroy Crossi 40.08 127 LR LR 14 40 41.1

MKAR Makanchi Array 41.78 349 P P 14 42 58.2 -0.1

ASAR Alice Springs 49.55 128 P P 14 43 59.2 -0.1

ASAR 0.4nm,0.7s,baz=300,slow=7.8,SNR=6.3 Pn 14 43 59.2 -0.1

IDC 19 14:31:48.1-62.0,114.5S,98.83E,h0km,mb3.7/3,
mb1.3/7/3,mb1mx3.3/46,mbtmp3.7/3,Error ellipse: s-maj=1238.0km
s-min=178.9km az=173.0,Southern Sumatara

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

SONM Songoing Array 49.22 7 Op Pn 14 40 38.2 -1.0

MKAR Makanchi Array 49.34 345 P P 14 40 43.3 -0.1

ZALV Zalesovo Beam 49.34 345 P P 14 41 29.1 -0.1

ZALV 1.4nm,0.8s,baz=167,slow=22,SNR=4.5 Pn 14 41 29.1 -0.1

DJA 19 14:39:03.9-8.6,7N,44.39E,4E,5.8,h10km,M5.0/7,
mb4.5/1,mb4.4/5,MLV5.3/7,Mw(MB)3.7/1

NEIC 19 14:39:15.2-1.3,6.9N,101.94E,0.1,1,h35km,2km,
mb4.3/13,Error ellipse: s-maj=30.4km s-min=15.4km
az=222.0

IDC 19 14:39:16.8-3.4,6.84N,94.64E,h47km,32km,mb3.8/12,
mb1.3/9/14,mb1mx3.6/43,mbtmp4.0/14,ML3.7/1,Error
ellipse: s-maj=34.8km s-min=13.4km az=60.0

ISC 19 14:39:15.3-0.6,6.86N,100.09E,0.01,1,h35km,n41,
+1500,35,mb4.2/18,Nicobar islands region

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

LHMI Lok Sumawe 2.81 125 Op Pn 14 39 57.6 0.0

LHMI Lok Sumawe 2.81 125 Pn Pn 14 39 57.6 0.0

MLSI Meulaboh, Aceh 3.12 146 P Pn 14 40 17.8 -1.5

TPTI 1.5nm,472m33nm,0.8s 4.38 145 P Pn 14 40 17.8 -1.5

PSI Prapat 5.87 133 P Pn 14 40 41.7 +1.8

PSI comp=Z,7.1nm,18.8s,baz=270,slow=37 LR 14 45 25.6

KULM Kulim 6.17 104 Pn Pn 14 40 43.5 -0.5

IPMI Ipoh 6.78 147 Pn Pn 14 42 28.2 -1.2

MNSI Mandailing Nat 7.78 141 Pn Pn 14 41 07.8 +1.7

MYKOM Kota Tinggi 10.47 118 Pn Pn 14 41 42.0 -0.9

CM05 Chiang Mai Arr 12.21 20 P P 14 42 33.5 +1.1

CM01 Chiang Mai Arr 12.24 20 P P 14 42 29.6 +1.5

CM02 Chiang Mai Arr 12.24 20 P P 14 42 35.0 +1.6

CM15 Chiang Mai Arr 12.28 19 P P 14 42 33.1 +1.4

CMAR Chiang Mai Arr 12.27 20 P Pn 14 42 10.6 +3.0

CMMT Chiang Mai 12.60 19 P P 14 42 30.0 +6.9

CMN3 Chiang Mai Arr 12.60 19 P P 14 42 29.0 +5.8

PAYA Nilore 32.31 326 P P 14 45 48.9 -0.1

KBL Kabul 36.28 323 P P 14 46 14.6 -1.2

KBL comp=Z,2.6nm,0.8s Iamb Iamb 14 46 26.6

MK31 Makanchi Array 41.18 347 P P 14 46 56.5 +0.1

MK31 comp=Z,5.5nm,1.4s Iamb Iamb 14 47 04.6

MKAR Makanchi Array 41.18 347 P P 14 46 56.0 -0.4

MAKZ Makanchi 41.18 347 P P 14 46 57.3 +0.2

SONM Songoing Array 42.04 12 P P 14 47 03.5 -0.1

JNU Nakatsue 42.55 47 P P 14 47 07.1 -0.8

KURBB Kurchatov Arr 45.65 346 P P 14 47 33.1 +0.8

KURK Kurchatov Arr 45.65 346 P P 14 47 33.0 +0.1

WBD Warrung Arr 47.23 125 P Iamb Iamb 14 47 55.2 -0.4

WBD comp=Z,5.7nm,1.4s Iamb Iamb 14 47 55.2 -0.4

ZALV Zalesovo Beam 47.27 125 P P 14 47 45.4 -0.1

ZALV comp=Z,1.5nm,0.7s,baz=304,slow=10,SNR=17 Pn 14 47 48.9 +1.1

ZALV Zalesovo Beam 47.26 352 P P 14 47 48.9 +1.1

ZALV comp=Z,0.9nm,0.6s,baz=179,slow=5.9,SNR=5.3 Pn 14 47 56.5 -1.6

ASAR Alice Springs 48.89 310 P P 14 47 58.0 0.0

ASAR comp=Z,1.8nm,0.8s,baz=308,slow=7.5,SNR=26 Pn 14 49 22.8 +0.6

BRVK Borovoye 50.17 341 P Iamb Iamb 14 48 06.1 -1.2

BRVK comp=Z,4.7nm,1.1s Iamb Iamb 14 48 16.0

ABKAR Akbulak array 51.36 331 P P 14 48 15.2 -1.1

ABKAR comp=Z,4.4nm,0.8s Iamb Iamb 14 48 20.4

STKA Stephens Creek 59.05 134 P P 14 49 12.2 +0.1

STKA comp=Z,3.0nm,0.8s,baz=302,slow=10,SNR=6.2 Pn 14 49 11.8 -0.3

BRTR Keskin Array B 63.47 111 P P 14 49 41.1 -1.0

BRTR comp=Z,0.9nm,0.7s,baz=97,slow=6.8,SNR=3.9 Pn 14 50 15.5 +0.2

TIXI Tikisi 68.12 11 P P 14 50 19.6

TIXI comp=Z,3.1nm,0.8s Iamb Iamb 14 50 19.6

FINES Fines Array B 73.84 332 P P 14 50 46.0 -0.1

FINES comp=Z,1.8nm,0.7s,baz=90,slow=1.9,SNR=5.1 Pn 14 50 57.2 +0.7

BOSA Boshof 75.47 238 P P 14 50 57.2 +0.7

BOSA comp=Z,1.0nm,0.6s,baz=114,slow=5.2,SNR=4.0 Pn 14 51 00.9 +0.2

ARCES ARCES Array B 76.38 310 P P 14 51 00.9 +0.2

ARCES comp=Z,1.8nm,0.6s,baz=107,slow=6.3,SNR=7.3 Pn 14 51 15.8 +0.5

GERES GERES Array B 78.91 318 P P 14 51 15.8 +0.5

GERES comp=Z,1.3nm,0.7s,baz=76,slow=5.6,SNR=7.5 Pn 14 51 15.8 +0.5

BUI 19 14:41:40.4-0.0,6.35N,94.37E,h34km,mb5.2/64,
mb4.9/72,Ms5.6/77,Ms5.3/71

IDC 19 14:41:41.3-0.4,6.88N,94.60E,h0km,mb5.0/38,
mb1.5/0/41,mb1mx5.0/42,mbtmp4.9/41,ML4.7/3,MS5.0/36,
Ms1.5/0/36,ms1mx4.9/44,Error ellipse: s-maj=12.0km
s-min=10.3km az=59.0

DJA 19 14:41:42.6-0.1,7N,2.9E,4E,h10km,M5.1/87,mb5.6/53,
mb5.3/87,MLV5.4/11,Mw(MB)5.1/53,Mwp5.3/18

MOS 19 14:41:44.6-1.1,6.88N,94.62E,h37km,mb5.3/70,
MS5.0/17,Error ellipse: s-maj=7.6km s-min=4.0km
az=111.4

KLM 19 14:41:44.0,7.03N,94.80E,h10km,mb5.3
GCMT 19 14:41:45.5-0.1,6.88N,94.01E,94.68E,0.01,h16km,
MW5.5/145,Moment Tensor Solution s110,c159;
s145,c255; Duration: 183 Moment tensor: Scale 10^17
Nm; Mn=0.32t,02; Mw=1.18t,02; Mw=1.50t,02;
Mw=1.16t,08; Mw=0.61t,02; Mw=0.43t,06; Best double
couple: M1.940000x10^17 NP1.8e152.000000,851.000000,
lambda-169.000000. NP2.4e5.000000,881.000000,
lambda-39.000000. Principal axes: T 1.8720,Plg20.0000,
Azim19.000000; N 0.1360,Plg50.0000,Plg224.000000; P
-2.0070,Plg33.000

Table with columns: Station Name, Frequency, Power, Class, and Signal Quality. Includes stations like Kota Kinabalu, Muara Teweh, and various regional stations.

Table with columns: Station Name, Frequency, Power, Class, and Signal Quality. Includes stations like LZH, LZH, EDFI, SANI, and various regional stations.

Table with columns: Station Name, Frequency, Power, Class, and Signal Quality. Includes stations like UZB, BIDO, SATY, and various regional stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MCK McKinley, CUT Chullina, POKR Poker Plat Res, etc.

19d 16h: 16:04.9-4.2, 36:29S; 177:31E, h121km, 28km, mb3.7/4, mb1.3/4, mb1mx3.5/5, mbmtpr4.0/4, Error ellipse: s-maj=55.2km s-min=22.3km az=40.0

WEL 19 16:16:08.2-0.8, 37:51N; 177:08E, h161km, 7km, M3.4/39, MLV3.4/39, Error ellipse: s-maj=0.0km s-min=0.0km az=49.6

19d 16:16:06.7-1.1, 36:87S; 0:07x177:72E, 0:07, h194km, 6km, n134, 1550/149, mb3.8/4, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, HAZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAHZ, KNZ Kokohu, KUTZ Kaahu Road, etc.

IPEC 19 16:17:09.7-0.3, 51:54N; 16:26E, h0km, ML2.1/3, Error ellipse: s-maj=3.2km s-min=1.7km az=66.0

PRU 19 16:17:11.8-0.0, 51:45N; 16:17E, h0km, VIE 19 16:17:12.1-0.1, 51:35N; 16:15E, h0km, mb2.2/5, ml2.7/5, Error ellipse: s-maj=10.8km s-min=7.0km az=77.0 66 km

UPP 19 16:17:15.7-1.3, 51:82N; 15:47E, h0km, ML1.8, Suspected explosion

19d 16:17:09.4-0.8, 51:54N; 0:03x16:24E, 0:03, h0km, n34, 1019/65, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

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

19d 16:18:34.8-2.0, 0:04S, 125:87E, h0km, mb3.2/3, mb1.3/4, mb1mx3.3/5, mbmtpr3.4/4, ML3.2/1, MS3.2/1, Ms1.3/1, ms1mx2.5/20, Error ellipse: s-maj=139.7km s-min=26.2km az=67.0

19d 16:18:34.6-3.0, 0:5N, 0:4-126:0E, 0:6, h35km, n12, 1103/9, mb4.7/9, Northern Molluca 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.

19d 16:37:24.3-2.5, 11:09S; 162:32E, h70km, 37km, mb3.6/3, mb1.3/8, mb1mx3.4/39, mbmtpr4.1/7, ML4.5/3, MS3.0/1, Ms1.3/1, ms1mx2.5/27, Error ellipse: s-maj=63.6km s-min=17.8km az=37.0

19d 16:37:23.8-1.3, 11:43S; 0:1x162:22E, 0:1, h35km, n14, 1193/9, mb3.7/3, Bougainville-Solomon 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, DZM S, etc.

AEIC 19 16:40:24.7-2.1, 63:54N; 0:01x147:39W, 0:03, h5km, 6km, ML3.3/93, Error ellipse: s-maj=2.1km s-min=1.7km az=139.0

NEIC 19 16:40:24.6-1.9, 63:55N; 0:01x147:36W, 0:03, h2km, 6km, Error ellipse: s-maj=2.1km s-min=1.6km az=149.0

ANF 19 16:40:24.8-0.3, 63:57N; 147:37W, h13km, 2km, ML3.6/16, Error ellipse: s-maj=1.4km s-min=1.2km az=84.0

19d 16:40:28.7-1.3, 63:79N; 147:20W, h35km, 13km, mb3.6/4, mb1.3/7, mb1mx3.4/45, mbmtpr3.7/8, ML3.3/4, Error ellipse: s-maj=1.3km s-min=0.9km az=18.0

19d 16:40:29.3-1.1, 63:57N; 0:02x147:33W, 0:02, h8km, 8km, n122, 1928/146, mb3.9/4, Central Alaska

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

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like QSPA South Pole Qui, KSH Kashi, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like TRIZ Trizonia, TRIZ Trizonia, LK2D Lefkada island, etc.

THR 19 17:15:12.5:0.4, 32.60N:47.67E, h14km, 5km, ML3.1

IDC 19 17:17:52.5:0.8, 36.82N:20.66E, h0km, mb3.9/17, mb1 4.0/28, mb1mx3.8/68, mbtmp3.9/28, ML3.7/11, Error ellipse: s-maj=17.3km s-min=12.8km az=8.0

Code Station Name Az El P Phase ID ISC h m s Time Res ISC

Main table of station data for the first section, including stations like IKFM Kafar-mosallam, SHGR Shooshtar-Gavs, SHGR Shooshtar-Gavs, etc.

Main table of station data for the second section, including stations like PYL PYLOS, PYL PYLOS, PYL PYLOS, etc.

Main table of station data for the third section, including stations like IDI Anoyia, IDI Anoyia, IDI Anoyia, etc.

IDC 19 17:17:06.1:2.3, 20.53S:34.42E, h0km, mb4.0/3, mb1 4.0/4, mb1mx3.5/58, mbtmp4.0/4, ML4.2/1, MS3.5/2, Ms1 3.4/2, ms1mx3.0/27, Error ellipse: s-maj=58.7km s-min=28.8km az=134.0

NEIC 19 17:17:06.1:1.9, 19.70S:0.10:33.8E:0.1, h16km, 2km, mb4.3/8, Error ellipse: s-maj=16.8km s-min=11.9km az=125.0

PRE 19 17:17:14.2:1.1, 20.29S:33.66E, h5km, ML3.4

ISC 19 17:17:09.6:0.7, 19.56S:0.06:33.72E:0.05, h10km, n34, c3525/35, mb4.2/6, Mozambique

Main table of station data for the fourth section, including stations like MSNA Messina, ZOMB Zomba, MOPA Mopani, LSZ Lusaka, etc.

Main table of station data for the fifth section, including stations like PSDA Pessada-Kefalo, VLS Valsamata, VLS Valsamata, etc.

Main table of station data for the sixth section, including stations like AKAS Kas, AKAS Kas, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like ESK Eskdalemuir, NC602 NORSTAR Array S, etc.

IDC 19 17:24:36.5±1.9, 19°16'S×173°60'E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.7/33, mbtmp3.2/4, ML3.1/2, MS3.1/1, Error ellipse: s-maj=136.1km s-min=29.4km az=163.0

NEIC 19 17:24:41.2±2.5, 18°65.0'±3.173°6E±0.1, h50km, 19km, mb4.6/7, Error ellipse: s-maj=46.6km s-min=16.3km az=188.0

ISC 19 17:24:40.4±1.1, 18°8S±0.3, 173°5E±0.1, h35km, n11, ±158/10, mb4.5/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like MSVF Nonsavu, STKA Stephens Creek, WB0 Warramunga Arr, etc.

IDC 19 17:27:16.7±7.2, 15°34'N±1°32'W, h0km, mb3.4/2, mb1 3.6/4, mb1mx3.4/45, mbtmp3.2/4, ML3.1/2, MS3.1/1, Me1 3.1/1, ms1mx2.5/28, Error ellipse: s-maj=148.5km s-min=30.3km az=5.0, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, SDV Santo Domingo, etc.

STR 19 17:27:13.5±0.8, 43°N±5.1'±2E±1'0, h16km, 11km, mb5.8/4, mb4.0/3, MLV3.8/7, Mw(mb)5.4/4, smi:scs/0.6/LOC SAT earthModellD smi:scs/0.6/alpes_taup-2.1 preliminary

LDG 19 17:27:15.3±0.1, 43°58'N±1'14E, h2km, ML3.5/30, Error ellipse: s-maj=2.9km s-min=1.9km az=23.0

ROM 19 17:27:16.5±0.1, 43.62±N±0.004±11'±232E±0'005, 17km, ML3.6/1, Error ellipse: s-maj=0.4km s-min=0.2km az=52.0

IDC 19 17:27:17.7±1.2, 43°72'N±1'48E, h0km, mb3.6/4, mb1 3.8/8, mb1mx3.4/57, mbtmp3.7/8, ML3.5/4, MS3.7/1, Ms1 3.7/1, ms1mx2.5/54, Error ellipse: s-maj=36.8km

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like OSSC Osservatorio P, CASTELLINA CHI, CRMI Carmignano, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like PIIL Pisa, CRE Caprese Michel, POPM Popiglio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like LMD Lutrano, MAIM Mastiano, BRIS BRIS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, Time, Res. Includes stations like SSPP Saneapolcro, CARD Cardoso, BADI Badiali, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRR Gorron, VOIR Haglors, FINES FINES Array B, etc.

NEIC 19:08:25.2±2.3, 0.28N±0.07x122.00E±0.07, h165km, 7km, mb4.6/46, Error ellipse: s-maj=11.7km s-min=6.9km

DJA 19:18:09.25±5.0, 0.20N±2.12E, h151km, 2km, M4.3/17, mb5.0/4, mb4.4/15, MLV4.3/17, Mw(Mb)4.3/4

ISC 19:18:09.27±3.2, 0.24N±122.06E, h186km, 19km, mb3.8/12, mb1.3/9.16, mb1mx3.7/40, mbtmp4.3/16, Error ellipse: s-maj=19.4km s-min=9.2km az=67.0

ISC 19:18:09:24.1±0.4, 0.31N±122.04E±0.05, h105km, n102, az=182/114, mb4.5/38, Minahasna Peninsula, Sulawesi

Main table of station data for the first section, including stations like MRSI Marisa, GTOI Gorontalo, APSI Ampana, etc.

Main table of station data for the second section, including stations like STKA Stephens Creek, LZH Lanzhou, HHC Hu-ho-hao-te, etc.

Main table of station data for the third section, including stations like POPM, SFI Santa Sofia, FVND Fontana Vidola, etc.

ROM 19:18:37:01.8±0.1, 43.610N±0.004±11.201E±0.005, h8km, ML3.5/1, Error ellipse: s-maj=0.4km s-min=0.4km az=218.0

STR 19:18:37:01.1±1.3, 43.3N±1.1E±1.4, h18km, 9km, mb5.5/2, mb4.2/11, MLV3.7/6, Mw(Mb)5.0/2, smicscs/0.6/LOCASAT earthModelID smicscs/0.6/alpes_taup-2.11 preliminary

PRU 19:18:37:03.6±0.0, 43.70N±11.16E, h8km, M3.5, LDG 19:18:37:03.2±0.1, 43.55N±11.24E, h10km, M3.4/32, Error ellipse: s-maj=2.1km s-min=1.5km az=16.0

ISC 19:18:02:7.0±7.0, 43.59N±0.02±11.99E±0.01, h11km, 5km, n280, az=02/354, mb3.9/7, 33C-9D, Central Italy

Main table of station data for the fourth section, including stations like OSSC Osservatorio P, Castelliina Chi, Firenze, etc.

SACS comp=E,1745um,0.6s

SACS comp=N,1295um,0.5s

SACS comp=E,1655um,0.6s

ATVO AVT- Monte Val, ATTE AVT- Monte Tez, EQUI Equi, EQUI Equi, EQUI Equi, EQUI Equi

MGAB Montegabbiate, GROG Isola di Grog, GROG Isola di Grog

PIEI Pleia, ERBM Erema, ERBM Erema

ERBM comp=N,2140um,1.2s

ERBM comp=E,2185um,0.9s

NARO Abbazia di Naro, MURB Monte Urbino, ATFO Monte Focce - G, LATE Laterza

LATE comp=N,580um,0.5s

PLMA Palmara, Port, PLMA Palmara

PLMA comp=N,1036um,0.5s

ATCC AVT- Casa Cast, FSSB Fossobonaccu, MAON Monte Argenteu, FOVS Fossato di Vic, ASSB Assisi San Ben, GRAM Graiana, GRAM Graiana, GRAM Graiana

GRAM comp=N,2100um,1.1s

GRAM comp=E,2930um,0.9s

PESA Pesaro, ARVD Arcevia, ARVD Arcevia

ARVD comp=E,1004um,1.6s

ARVD comp=N,1235um,0.6s

MOMA Monte Martano, NDIM Novi di Modena, NDIM Novi di Modena

NDIM comp=E,2885um,0.9s

NDIM comp=N,3215um,0.8s

SNTG Esanatoglia, CESI Cesi - Serrava, ELG Elcito, MISSA Maissana, MISSA Maissana

MISSA comp=N,1410um,1.0s

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19d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM, YKA, ULM.

ISK 19 19:05:44.5, 40:70'N:35:30'E, h7km, ML3.5/34
DDA 19 19:05:44.1, 40:60'N:35:30'E, h11km, ML3.4
ISC 19 19:05:44.8, 41:40:59N:0:02:35.29E:0.02, h6km, 11km,

Main table of station data for 19d 19h, listing codes, station names, coordinates, phases, IDs, times, and residuals.

ISC 19 19:41:43.0, 1.7, 14:83S:76:14W, h0km, mb3.6/4,
mb1 3.9/8, mb1mx3.7/37, mbtmp3.7/8, ML3.6/4, MS2.6/3,
Ms1 2.6/3, ms1mx2.6/36, Error ellipse: s-maj=49.3km

NEIC 19 19:41:45.9, 2.6, 15:04S:0:04:76:20W:0:08, h31km, 5km,
mb4.4/2, Error ellipse: s-maj=11.7km s-min=6.0km
az=97.0

ISC 19 19:41:46.1, 0.9, 15:05S:0:08:76:2W:0:11, h29km, n39,
r=117/32, mb4.0/5, Off coast of Peru

Table of station data for 19d 19h, continuing from the main table.

2014 DEC

Table of station data for 2014 DEC, listing codes, station names, coordinates, phases, IDs, times, and residuals.

ISC 19 19:43:32.8, 2.5, 122'N:127'58E, h0km, mb3.4/3,
mb1 3.6/3, mb1mx3.4/44, mbtmp3.4/3, Error ellipse:
s-maj=200.2km s-min=25.8km az=67.0, Northern

Molucca Sea

Table of station data for 2014 DEC, including WRA, ASAR, MKAR.

TRN 19 19:49:28.7, 16:29'N:61:67'W, h120km, MD5.6
TRN Fell in Guadalupe Mm III, Dominica II, Ill, St. Kitts II, N

ISC 19 19:49:29.7, 4.3, 16:15'N:61:85'W, h115km, 2km, mb4.7/51,
Ms1 4.8/56, mb1mx4.8/67, mbtmp.5/56, MS4.4/33,
Ms1 4.4/33, ms1mx4.4/41, Error ellipse: s-maj=7.0km
s-min=6.3km az=118.0

MOS 19 19:49:29.1, 0.9, 16:20'N:61:88'W, h122km, mb5.0/28,
Error ellipse: s-maj=6.4km s-min=4.7km az=77.5
NEIC 19 19:49:30.1, 16:21'N:61:80'W, h107km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr=1.50;

Mm1:1.65; Mm2:1.15; Mm3:1.12; Mm4:0.56; Fault
plane solution: Ms2.92000*10^17 NP1:3274.08000*,
0.72.59000*, lambda-63.50000*. NP2:35.08000*, 831.33000*,
lambda-144.83000*. Principal axes: T 2.9096, Plg2.0000*,
Azm344.0000*, P -0.0277, Plg25.0000*, Azm66.0000*, P
-2.9373, Plg55.0000*, Azm217.0000*;

BUJ 19 19:49:30.5, 0.0, 16:20'N:61:90'W, h121km, MB5.2/12
NEIC 19 19:49:30.1, 1.5, 16:20'N:0:06:61:81W:0:07, h118km, 3km,
mb5.6/579, Mwb5.6/52, Mww5.6, Mw5.6(GCMT), Error
ellipse: s-maj=11.8km s-min=6.3km az=53.0

NEIC 19 19:49:31, 16:21'N:61:90'W, h110km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr=2.01;
Mm1:1.54; Mm2:0.47; Mm3:1.11; Mm4:0.39; Mm5:0.37; Fault
plane solution: Ms3.13000*10^17 NP1:31.00000*,
333.00000*, lambda-137.00000*. NP2:269.00000*,
lambda-144.83000*. Principal axes: T 2.0244,
Plg19.0000*, Azm334.0000*, N 0.2097, Plg24.0000*,
Azm73.0000*, P -3.2340, Plg59.0000*, Azm209.0000*;

GCMT 19 19:49:32.1, 0.1, 16:37'N:0:01:61:82W:0:01, h116km,
MW5.6/155, Moment Tensor Solution. s142,c260;
s155,c316; Duration: 156 Moment tensor: Scale 10^17
Nm; Mr=1.85; Mm2:0.06; Mm3:0.21; Mm4;
Mm5:2.25; Mm6:1.38; Mm7:1.49; Mm8:0.41; Mm9; Best double
couple: Ms3.30900*10^17 NP1:326.00000*, 832.00000*,
lambda-140.00000*. NP2:271.00000*, 870.00000*,
lambda-64.00000*. Principal axes: T 3.4240, Plg21.0000*,
Azm341.0000*, N 0.2220, Plg24.0000*, Azm61.0000*, P
-3.1930, Plg57.0000*, Azm216.0000*; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rater function

NEIC 19 19:49:32, 16:35'N:61:81'W, h116km, Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr=1.74;
Mm1:1.84; Mm2:0.10; Mm3:0.19; Mm4:0.35; Fault
plane solution: Ms3.29000*10^17 NP1:321.00000*,
833.00000*, lambda-143.00000*. NP2:269.00000*,
lambda-140.00000*. Principal axes: T 3.3850,
Plg22.0000*, Azm339.0000*; N -0.1923, Plg26.0000*,
Azm80.0000*; P -3.1927, Plg55.0000*, Azm214.0000*;

ISC 19 19:49:29.7, 0.2, 16:20'N:0:02:61:80W:0:03, h117km, 1km,
h118km, pP1, n1371, r=117/1456, mb5.5/382, 67C-38D,
Leeward Islands

Table of station data for 2014 DEC, including CBE, TDBA, ABD, etc.

920

Table of station data for 920, listing codes, station names, coordinates, phases, IDs, times, and residuals.

| | | | | | | |
|-------|----------------|-----------|------|------|------------|------|
| BBAC | Balboa, Cauca | 20.73 229 | eP | P | 19 53 59.4 | -1.9 |
| PUAC | Puerto Asis, P | 21.30 225 | eP | P | 19 54 04.6 | -2.6 |
| GCUF | Volcan Galeras | 21.35 227 | eP | P | 19 54 06.2 | -2.1 |
| DWPF | Disney Wildern | 21.67 307 | P | P | 19 54 10.3 | -0.7 |
| DWPF | Disney Wildern | 21.67 307 | P | Iamb | 19 54 10.4 | -0.7 |
| DWPF | Disney Wildern | 21.67 307 | P | Iamb | 19 54 13.4 | |
| DRKO | Durika | 22.01 254 | eP | P | 19 54 14.7 | -0.2 |
| ESPN | Las Esperanzas | 22.16 263 | eP | P | 19 54 17.1 | +0.6 |
| ESPN | Las Esperanzas | 22.16 263 | eP | P | 19 54 17.1 | +0.8 |
| CVTR | Volcan Turrial | 22.24 257 | eP | P | 19 54 18.8 | +1.2 |
| PEZE | Peze Zeledon, | 22.37 255 | eP | P | 19 54 19.4 | +0.8 |
| CDM | Cerro de Muert | 22.39 256 | eP | P | 19 54 20.1 | +0.9 |
| PIRO | Carate, Puerto | 22.40 252 | eP | P | 19 54 19.5 | +0.7 |
| RIMA | Rio Macha | 22.41 256 | eP | P | 19 54 20.3 | +1.2 |
| RLOS | Rincon, Osa | 22.45 253 | eP | P | 19 54 19.5 | +0.2 |
| LCR2 | La Lucha 2 | 22.55 266 | eP | P | 19 54 21.3 | +0.8 |
| HDC3 | Heredia 3 | 22.57 257 | eP | P | 19 54 22.5 | +1.8 |
| HDC | Heredia | 22.57 257 | eP | P | 19 54 22.2 | +1.6 |
| COVE | Coque Vega, Sa | 22.63 259 | iP | P | 19 54 22.6 | +1.5 |
| CUSE | Quitcocha Este | 22.74 228 | eP | P | 19 54 21.5 | +1.1 |
| MAPC | Malpeo | 22.92 240 | eP | P | 19 54 24.5 | +0.6 |
| CEDE | Laguna Cedeo | 22.98 259 | eP | P | 19 54 25.4 | +0.9 |
| ARE1 | Arenal 1 | 23.00 259 | eP | P | 19 54 24.5 | -0.2 |
| ACON | Acopaya | 23.05 263 | eP | P | 19 54 25.9 | +0.9 |
| ACON | Acopaya | 23.05 263 | Iamb | Iamb | 19 54 27.9 | |
| V62A | Hyde County Ai | 23.06 329 | P | P | 19 54 24.8 | -0.2 |
| V62A | Hyde County Ai | 23.06 329 | P | P | 19 54 24.6 | -0.3 |
| V60A | Bolivia | 23.08 323 | P | P | 19 54 25.1 | -0.1 |
| V60A | Willston | 23.13 308 | Iamb | Iamb | 19 54 54.3 | |
| Z59A | Georgetown, SC | 23.18 320 | P | P | 19 54 26.4 | +0.3 |
| CBN | Parque Tenorio | 23.19 259 | iP | P | 19 54 27.4 | +1.0 |
| ACAL | Aguas Claras | 23.25 259 | eP | P | 19 54 28.1 | +0.9 |
| JTS | Las Juntas de | 23.27 258 | eP | P | 19 54 27.2 | 0.0 |
| JTS | Las Juntas de | 23.27 258 | eP | P | 19 54 26.9 | -0.4 |
| JTS | Las Juntas de | 23.27 258 | eP | P | 19 54 26.5 | -0.7 |
| JTS | Las Juntas de | 23.27 258 | eP | P | 19 54 26.7 | -0.6 |
| W61A | Ground Anchor | 23.28 327 | P | P | 19 54 26.7 | -0.4 |
| X60A | Albert Glenn T | 23.36 325 | P | P | 19 54 27.7 | 0.0 |
| HOHNC | Hornillas | 23.37 259 | eP | P | 19 54 29.1 | +0.9 |
| CUI | Cuipila | 23.37 259 | iP | P | 19 54 28.7 | +0.6 |
| LAFE | Finca La Fe, P | 23.40 320 | eP | P | 19 54 28.3 | -0.2 |
| COLC | Hollywood | 23.42 318 | P | P | 19 54 29.0 | +0.6 |
| 158A | Hollywood | 23.42 318 | P | P | 19 54 29.0 | +0.6 |
| LIM1 | Limonal | 23.44 259 | eP | P | 19 54 29.9 | +1.1 |
| Y59A | Loris | 23.45 322 | Iamb | Iamb | 19 54 29.0 | +0.4 |
| Y59A | Loris | 23.45 322 | Iamb | Iamb | 19 54 29.7 | |
| BUAI | Buenos Aires | 23.47 260 | eP | P | 19 54 28.9 | -0.1 |
| CSU | Charleston Sou | 23.50 319 | P | P | 19 54 30.7 | +1.6 |
| GPS1 | Guardaparcos | 23.51 260 | eP | P | 19 54 30.1 | +0.7 |
| GPS2 | Hotel Rincon d | 23.52 260 | eP | P | 19 54 30.6 | +1.0 |
| GB1A | Borinquen Arri | 23.55 260 | eP | P | 19 54 30.6 | +0.8 |
| V61A | Roper | 23.55 329 | P | P | 19 54 29.4 | -0.1 |
| BUEV | Buena Vista | 23.56 260 | eP | P | 19 54 31.4 | +1.5 |
| MATN | Matagalpa | 23.57 265 | Iamb | Iamb | 19 54 34.1 | |
| W60A | Pink Hill | 23.57 326 | P | P | 19 54 30.1 | +0.4 |
| Z58A | St. Stephen | 23.57 320 | P | P | 19 54 30.3 | +0.6 |
| LAPC | Finca la Perla | 23.59 260 | eP | P | 19 54 29.5 | -0.6 |
| GBS3 | Finca Las Img | 23.59 267 | eP | P | 19 54 30.6 | +0.3 |
| PLVR | Palo Verde | 23.63 259 | eP | P | 19 54 29.9 | +1.1 |
| NHSC | New Hope | 23.65 319 | Iamb | Iamb | 19 54 30.8 | +0.4 |
| NHSC | New Hope | 23.65 319 | Iamb | Iamb | 19 54 59.3 | |
| X59A | McDuffie Farm, | 23.71 324 | P | P | 19 54 31.2 | +0.2 |
| ORTG | Ortega, Santa | 23.73 259 | eP | P | 19 54 30.8 | -0.7 |
| CNNC | Cliffs of the | 23.80 326 | P | P | 19 54 32.0 | +0.2 |
| Y58A | Scranton | 23.87 321 | P | P | 19 54 32.6 | +0.2 |
| Y58A | Scranton | 23.87 321 | Iamb | Iamb | 19 54 34.8 | |
| V60A | Jim Taylor Roa | 23.88 328 | P | P | 19 54 32.6 | +0.2 |
| V60A | Jim Taylor Roa | 23.88 328 | Iamb | Iamb | 19 54 35.3 | |
| 157A | Early Brant | 23.90 317 | P | P | 19 54 33.4 | +0.7 |
| U61A | Possum Corner | 23.91 330 | P | P | 19 54 32.7 | 0.0 |
| U61A | Possum Corner | 23.91 330 | P | P | 19 54 32.9 | +0.2 |
| W59A | Clinton | 24.05 325 | P | P | 19 54 34.4 | +0.4 |
| Z57A | Bowman | 24.11 318 | P | P | 19 54 34.7 | +0.2 |
| X58A | Rowland | 24.12 323 | P | P | 19 54 34.8 | +0.2 |
| X58A | Rowland | 24.12 323 | P | P | 19 54 34.9 | +0.2 |
| U60A | Pendleton | 24.37 329 | P | P | 19 54 37.3 | +0.4 |
| Y57A | Sumter | 24.39 320 | P | P | 19 54 37.4 | +0.4 |
| Y59A | Middlesex | 24.39 326 | P | P | 19 54 37.3 | +0.2 |
| W58A | Raeoford | 24.39 323 | P | P | 19 54 37.5 | +0.4 |
| Z55A | Hazlehurst | 24.46 314 | Iamb | Iamb | 19 55 16.1 | |
| X57A | Johnson Farm, | 24.51 321 | P | P | 19 54 38.5 | +0.4 |
| Z56A | Williston | 24.55 318 | P | P | 19 54 39.2 | +0.6 |
| U59A | Littleton | 24.60 328 | P | P | 19 54 39.2 | +0.2 |
| U59A | Littleton | 24.60 328 | P | P | 19 54 38.8 | -0.2 |
| S61A | Accomac | 24.66 333 | P | P | 19 54 40.3 | +0.8 |
| S61A | Accomac | 24.66 333 | P | P | 19 54 40.1 | +0.6 |
| TGUH | Tequigalpa,Un | 24.67 268 | eP | P | 19 54 41.4 | +1.4 |
| CRIN | San Cristobal | 24.69 265 | P | P | 19 54 40.6 | +0.5 |
| T60A | Surry | 24.70 330 | P | P | 19 54 40.6 | +0.8 |
| Y56A | Pelion | 24.81 319 | P | P | 19 54 41.5 | +0.5 |
| W57A | Windy Hill, Pi | 24.89 325 | P | P | 19 54 41.8 | +0.2 |
| V58A | Gilead | 24.92 323 | P | P | 19 54 42.2 | +0.3 |
| W57A | Gilead | 24.92 323 | Iamb | Iamb | 19 54 45.3 | |
| T59A | Double "B" Far | 24.96 329 | P | P | 19 54 42.3 | +0.1 |
| T59A | Double "B" Far | 24.96 329 | P | P | 19 54 42.2 | -0.1 |
| TIGA | Tifton | 24.98 311 | P | P | 19 54 43.3 | +0.8 |
| TIGA | Tifton | 24.98 311 | P | P | 19 54 42.9 | +0.4 |
| U58A | Oxford | 25.03 327 | P | P | 19 54 43.3 | +0.4 |
| R61A | Willards | 25.06 334 | P | P | 19 54 43.9 | +0.8 |
| R61A | Willards | 25.06 334 | P | P | 19 54 43.7 | +0.6 |
| X56A | White Oak | 25.10 320 | P | P | 19 54 43.8 | +0.3 |
| J5C | Jenkinsville | 25.19 319 | P | P | 19 54 43.1 | -0.4 |
| J5C | Jenkinsville | 25.19 319 | P | P | 19 54 43.1 | -0.4 |
| J5C | Jenkinsville | 25.19 319 | P | P | 19 54 43.1 | -0.4 |
| S60A | Water View | 25.12 331 | P | P | 19 54 44.3 | +0.6 |
| W56A | Indian Trail | 25.26 322 | P | P | 19 54 45.2 | +0.2 |
| 154A | Montrose | 25.29 314 | P | P | 19 54 46.1 | +0.9 |
| 154A | Montrose | 25.29 314 | Iamb | Iamb | 19 55 16.2 | |
| V57A | Coltrane Farms | 25.32 324 | P | P | 19 54 45.6 | 0.0 |

| | | | | | | |
|-------|----------------|-------------|------|------|------------|------|
| T58A | Grand View Acr | 25.44 328 | P | P | 19 54 46.7 | +0.2 |
| TEIG | Tejich | 25.45 283 | P | Iamb | 19 55 46.9 | 0.0 |
| S59A | Mechanicville | 25.46 331 | P | P | 19 54 47.2 | +0.5 |
| U57A | Blanch | 25.48 326 | P | P | 19 54 47.1 | +0.1 |
| O61A | Milford | 25.52 335 | P | P | 19 54 47.8 | +0.6 |
| R60A | Leonardtown, M | 25.55 332 | P | P | 19 54 47.7 | +0.2 |
| V56A | Mocksville | 25.68 323 | P | P | 19 54 48.9 | +0.1 |
| JSRW | J. Sargeant Re | 25.69 330 | P | P | 19 54 49.0 | +0.2 |
| S58A | Poland Farm, P | 25.71 329 | P | P | 19 54 49.4 | +0.4 |
| S58A | Poland Farm, P | 25.71 329 | Iamb | Iamb | 19 54 50.0 | |
| KM5C | Kings Mountain | 25.71 321 | P | P | 19 54 49.4 | +0.3 |
| KM5C | Kings Mountain | 25.71 321 | Iamb | Iamb | 19 54 50.1 | |
| R59A | King George, V | 25.73 331 | P | P | 19 54 49.7 | +0.5 |
| PAULI | Pauline | 25.80 320 | P | P | 19 54 50.0 | +0.2 |
| PAULI | Pauline | 25.80 320 | Iamb | Iamb | 19 54 51.7 | |
| Q60A | Greensboro | 25.84 334 | P | P | 19 54 50.5 | +0.3 |
| T57A | Hurt | 25.85 327 | P | P | 19 54 50.6 | +0.3 |
| T57A | Hurt | 25.85 327 | Iamb | Iamb | 19 54 55.1 | |
| CBN | Corbin Frederi | 25.86 331 | P | P | 19 54 50.5 | +0.1 |
| CBN | Corbin Frederi | 25.86 331 | P | P | 19 54 50.6 | +0.3 |
| R58B | Mineral | 25.90 330 | P | sP | 19 55 24.9 | -4.2 |
| R58B | Mineral | 25.90 330 | Iamb | Iamb | 19 55 21.8 | |
| 352A | Blakely | 25.97 310 | Iamb | Iamb | 19 55 49.1 | |
| P61A | Hampton | 25.99 337 | P | P | 19 54 52.0 | +0.5 |
| U56A | King | 25.99 324 | P | P | 19 54 51.5 | -0.1 |
| GOGA | Godfrey | 26.00 315 | P | P | 19 54 52.3 | +0.6 |
| GOGA | Godfrey | 26.00 315 | Iamb | Iamb | 19 55 44.6 | |
| Q59A | Harwood | 26.07 333 | P | P | 19 54 52.8 | +0.5 |
| 451A | Vernon | 26.17 308 | P | P | 19 54 54.0 | +0.7 |
| 451A | Vernon | 26.17 308 | Iamb | Iamb | 19 55 23.1 | |
| R58A | Rapidan | 26.23 330 | P | P | 19 54 54.1 | +0.4 |
| O61A | Allentown | 26.27 338 | P | P | 19 54 54.2 | +0.1 |
| S57A | Dark Hollow, R | 26.27 328 | P | P | 19 54 54.5 | +0.4 |
| S57A | Dark Hollow, R | 26.27 328 | Iamb | Iamb | 19 55 34.2 | |
| T56A | Rocky Mt | 26.29 326 | P | P | 19 54 54.8 | +0.4 |
| N63A | Mattituck | 26.39 342 | P | P | 19 54 56.0 | +0.9 |
| P60A | Greenville | 26.44 336 | P | P | 19 54 55.6 | 0.0 |
| P60A | Greenville | 26.44 336 | P | P | 19 54 55.2 | -0.3 |
| 152A | Waverly Hall | 26.45 312 | Iamb | Iamb | 19 55 32.2 | -2.2 |
| PSUB | Cenn St. - Bra | 26.47 336 | P | P | 19 54 55.6 | -0.2 |
| R57A | Standardsville | 26.48 329 | P | P | 19 54 56.5 | +0.5 |
| S56A | Natural Bridge | 26.53 327 | P | P | 19 54 56.8 | +0.4 |
| WUPA | West Chester U | 26.53 336 | P | sP | 19 54 56.3 | -0.1 |
| WUPA | West Chester U | 26.53 336 | Iamb | Iamb | 19 55 46.2 | |
| M64A | Tiverton | 26.54 344 | P | P | 19 54 56.9 | +0.5 |
| Q58A | Fox Den Farm, | 26.59 332 | P | P | 19 54 57.0 | +0.1 |
| ESQI | Esquipulas | 26.59 270 | Iamb | Iamb | 19 55 03.4 | |
| PS9A | Jarrettsville | 26.59 334 | P | P | 19 54 57.5 | +0.5 |
| SDMD | Soldier's Deli | 26.60 333 | P | P | 19 54 57.0 | -0.1 |
| SDMD | Soldier's Deli | 26.60 333 | Iamb | Iamb | 19 55 36.5 | |
| BG3 | Lake Jocassee | 26.61 319</ | | | | |

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like 235A Perchaven, San, 0001 Chuzmiza, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MNTX Cornudas Mount, MNTX Cornudas Mount, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like TUC comp=Z,93nm,1.1s, TCA Tanti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TBI Tubuai, VNA2 Neumayer-Watz, BOS A Shoshu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MHMT Maesarieng, CM15 Chiang Mai Arr, CM31 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CEVE comp=Z,870nm,0.3s, SNJE San Jose, SNJOS San Jose, etc.

19 19:54:35.7z 1.2, 52.89N:160.52E, h0km, mb3/8, m1 3.9/11, m1m1x3.5/87, m1m2p3.9/11, ML4.0/3, MS3.5/4, MS1 3.9/4, ms1mx3.1/51, Error ellipse: s-maj=30.7km s-min=21.9km az=175.0

KRSC 19 19:54:36.9z 1.8, 52.68N:160.67E, h19km, 20km, ML4.4 MOS 19 19:54:40.9z 1.0, 52.76N:160.40E, h49km, mb4.1/1, Error ellipse: s-maj=7.7km s-min=5.0km az=94.8

NEIC 19 19:54:48.3z 0.53, 1N:0.4, 159.5E:0.1, h65km, 14km, mb4.2/5, Error ellipse: s-maj=59.2km s-min=10.7km az=183.0

ISC 19 19:54:33.6z 1.6, 52.90N:160.96E, h0.0/4, h3km, 11km, n102, r182/125, mb4.1/8, Off east coast of Kamchatka, Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, SPN Mys Shipunski, etc.

NEIC 19 19:51:15.1z 1.4, 14.45N:0.09z, 68W:0.05, h53km, 13km, Error ellipse: s-maj=11km s-min=9.1km az=200.0

MEX 19 19:51:16.3z 1.0, 14.64N:92.51W, h85km, 9km, MD4.2 UCR 19 19:51:18.3z 1.4, 14.59N:92.42W, h63km, 14km, ML4.1, mb4.2(NEIC)

SNET 19 19:51:18.4z 1.5, 14.59N:92.42W, h63km, 15km, ML4.3 GCG 19 19:51:19.1z 1.0, 14.68N:92.42W, h50km, MD4.1

ISC 19 19:51:15.4z 1.3, 14.51N:0.05z, 68W:0.04, h58km, 13km, n54, r192/77, Near coast of Chiapas

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

Table with columns: KLY, KLY, KLY, KBTR, KBTR, SDRD, SDRD, BDR, BDR, SKR, SKR, SKR, BKI, BKI, BKR, BKR, SRKR, SRKR, MA2, ASAJ, ASAJ, ASAJ, KLR, KLR, YAK, YAK, YAK, USRK, USRK, H1N2, H1N2, H1N3, H1N1, H1S1, H1S3, H1S2, NR1K, DLBC, D05A, KURK, KURK, KURK, KURK, MK31, MK31, MK31, MAKZ, MAKZ, DAV, FINES, AKASG, TXAR, ASAR, MMAI

OSPL 19:58:01.4-1.7, 17.59N;67.92W, h31km, 52km, ML3.4
RSPR 19:58:01.2, 18.04N;67.97W, h102km, 1km, MD3.5/13
NEIC 19:58:02.2-1.5, 18.15N;0.08-67.98W, 0.04, h83km, 13km,
Error ellipse: s-maj=12.8km s-min=2.7km az=200.0,
ISC 19:58:01.8-1.3, 18.11N;0.1-67.95W, 0.04, h100km, n59,
+150075, 12C-4D, Mona Passage

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

Table with columns: TBVI, SDDR, SDDR, SDDR, GRGR

ROM 19:58:44.6:0.1, 43.61N;0.01x11.20E:0.01, h10km, 1km,
ML1.5/2.2C, Error ellipse: s-maj=1.3km s-min=0.7km
az=213.0, Central Italy

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

NNC 19:59:52.3:2.8, 37.08N;71.21E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=21.6km s-min=20.4km az=143.0,
ISC 19:59:49.2:0.3, 36.62N;0.08:71.2E:0.2, h100km, n6,
+173/11, Afghanistan-Tajikistan border region

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

NEIC 19:02:06.1:2.7, 25.65N;109.141:2E:0.1, h167km, 8km,
mb4.7/13, Error ellipse: s-maj=20.2km s-min=9.8km
az=121.0

JMA 19:02:08.2:0.1, 25.75N;140.97E, h136km, M4.5
NIED 19:02:08.2, 25.75N;140.97E, h136km, M4.1, Moment
Tensor Solution. s1 Moment tensor: Scale 10^15N/m;
Mn:-0.50; Mw:0.35; Ms:0.15; Mo:-0.17; Mb:-0.44; Mv:1.44;
Fault plane solution: Mo1:57000x10^15 NP1:
o1:168.00000; o2:82.00000; o3:-73.00000; NP2:
o1:283.00000; o2:19.00000; o3:-153.00000

IDC 19:02:09.7:2.0, 26.10N;141.09E, h175km, 7km, mb3.4/8,
mb1.3/5/10, ms1mx2.1/67, mbmp3.8/10, MS3.6/2,
ISC 19:02:09.7:2.0, 26.10N;141.09E, h175km, 7km, mb3.4/8,
s-min=18.5km az=165.0

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

ISC 19:02:06.2:0.8, 25.82N;109.140:90E:0.09, h150km, n72,
+2520/72, mb4.5/21, Volcano Island region

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

Table with columns: CM15, CM15, CM15, BATI, MTN, PATY, PHAT, PHAT, PHAT, PHET, MK31, MAKZ, KURB, RDGO, RDGO

ROM 19:20:35:19.7:0.1, 43.301N;0.003:12.556E:0.006,
h10km, ML2.1/8, 8C, Error ellipse: s-maj=0.5km
s-min=0.1km az=243.0, Central Italy

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

PRU 19:20:13:30.9:0.0, 51.46N;16.19E, h0km, Poland

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

ROM 19:20:35:19.7:0.1, 43.301N;0.003:12.556E:0.006,
h10km, ML2.1/8, 8C, Error ellipse: s-maj=0.5km
s-min=0.1km az=243.0, Central Italy

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

ROM 19:20:35:25.9:0.1, 43.607N;0.004:11.232E:0.006,
h10km, ML1.7/1, 3C-3D, Error ellipse: s-maj=0.5km
s-min=0.1km az=283.0, Central Italy

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRMI Carmignano, CRMI Caprese Michel, PTF Prato, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WB0 Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PTF Prato, PTF Asqua, ASQU Asqua, etc.

NEIC 19:20:40:55.6:1.7, 15:0S:0:1x167:4E:0:2, h118km, 3km, mb4.2/15, Error ellipse: s-maj=23.0km s-min=15.6km az=86.0

IDC 19:20:40:55.8:5.9, 15:01S:0:167:35E, h119km, 51km, mb3.7/8, mb1.3/9, mb1mx3.5/4, mbtrmp4.1/9, Error ellipse: s-maj=38.7km s-min=26.8km az=20.0

ISC 19:20:40:56.1:1.0, 15:03S:0:09:167.5E:0:1, h129km, n31, alpha/31, mb4.1/12, Vanuatu Islands

ROM 19:20:52:19.2:0.1, 40:052N:0:004:15:926E:0:006, h10km, ML1.4/1, 3C, Error ellipse: s-maj=0.4km s-min=0.4km az=96.0, Southern Italy

ROM 19:20:53:29.3:0.1, 43:614N:0:004:11:257E:0:005, h7km, ML1.8/13, 11C-2D, Error ellipse: s-maj=0.3km s-min=0.3km az=215.0, Central Italy

DDA 19:20:56:07.2:36:49N:28:65E, h23km, 1km, ML2.3, ATH 19:20:56:07.3:36:48N:28:61E, h31km, 1km, ML2.0/1, Error ellipse: s-maj=3.1km s-min=1.3km az=198.0

ISK 19:20:56:07.2:36:51N:28:64E, h21km, ML2.5/18, ISC 19:20:56:07.5:1.0, 36:50N:0:03:28.67E:0:02, h18km, 8km, n58, alpha/66/83, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SARAU Saraoutou, DZM Dumzum, DZM Dzumac, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALY Dalyan (Mula), FETY Fethiye, MRSB Marmaris-Mugla, etc.

| | | | | | | | | | | | | | | | | | | | | |
|------|--------------------|----------|------|-----|------------|------|-------|------------------|----------|------|----|------------|------|------|-------------------|-----------|------|----|------------|------|
| ATHU | Athens Unvers | 1.65 146 | P | Pn | 22 41 01.9 | 0.0 | BODT | Bodrum | 4.35 120 | PN | PN | 22 41 39.8 | +0.9 | LATE | Laterza | 8.80 295 | Pn | Pn | 22 42 41.7 | +1.6 |
| EVGI | Lefkada island | 1.69 245 | P | Pb | 22 41 03.8 | -0.1 | AYDS | Zeytinliqoy-Aydi | 4.36 107 | PN | PN | 22 41 39.8 | +0.6 | MILM | Milestii Mici | 8.82 29 | PP | Pn | 22 42 41.7 | +1.4 |
| EVGI | Lefkada island | 1.69 245 | P | Pb | 22 41 03.8 | -0.1 | SJES | Sjenica | 4.39 334 | ePn | Pn | 22 41 40.9 | +1.3 | SROZ | Moca | 8.95 341 | eP | Pn | 22 42 45.4 | +3.3 |
| EVGI | Lefkada island | 1.69 245 | P | Pb | 22 41 03.8 | -0.1 | NKME | Niksic | 4.40 322 | l/Pn | Pn | 22 41 41.1 | +1.5 | SROZ | Moca | 8.95 341 | eSn | Sn | 22 44 22.1 | -0.8 |
| LSK | Lefkovic | 1.75 298 | P | Pb | 22 41 05.2 | +0.2 | NKME | Niksic | 4.40 316 | l/Pn | Sn | 22 42 33.2 | +2.3 | SROZ | Moca | 8.95 341 | eSn | Sn | 22 42 45.4 | +3.3 |
| | baz=296 | | S | Sg | 22 41 30.1 | +1.1 | HCY | Herceg Novi | 4.40 316 | l/Pn | Sn | 22 42 33.2 | +2.3 | LJUJ | Ljubljana | 9.96 321 | ePn | Pn | 22 42 42.2 | +0.1 |
| LSK | baz=296 | | S | Sg | 22 41 30.1 | +1.1 | HCY | Herceg Novi | 4.40 316 | l/Pn | Sn | 22 41 39.4 | -0.2 | SRO | Srobarova | 9.02 341 | eP | Pn | 22 42 47.7 | +4.7 |
| VLY | Voula,Athens | 1.75 148 | P | Pn | 22 41 03.3 | +0.1 | NKY | Niksic | 4.42 323 | l/Pn | Sn | 22 42 43.2 | +2.4 | SRO | Srobarova | 9.02 341 | eSn | Sn | 22 44 24.1 | -0.5 |
| VLY | Voula,Athens | 1.75 148 | P | Pn | 22 41 03.3 | +0.1 | NKY | Niksic | 4.42 323 | l/Pn | Sn | 22 42 34.1 | +2.7 | SRO | Srobarova | 9.02 341 | ePn | Pn | 22 42 47.7 | +4.7 |
| EPID | Epidavros | 1.77 167 | P | Pn | 22 41 03.4 | -0.1 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 41 40.0 | -1.1 | TRI | Trieste | 9.11 317 | ePn | Pn | 22 42 49.8 | +0.6 |
| EPID | Epidavros | 1.77 167 | P | Pn | 22 41 03.4 | -0.1 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 42 32.4 | +0.5 | SOKA | Soboth | 9.19 325 | l/Pn | Pn | 22 42 45.8 | +0.4 |
| EPID | Epidavros | 1.77 167 | P | Pn | 22 41 03.4 | -0.1 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 41 05.4 | 0.0 | OBKA | Obir | 9.28 323 | ePn | Pn | 22 42 48.6 | +1.9 |
| IGT | Igoumenitsa | 1.77 277 | P | Pb | 22 41 05.4 | 0.0 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 41 05.4 | 0.0 | OBKA | Obir | 9.28 323 | eSn | Sn | 22 44 31.2 | +0.7 |
| IGT | Igoumenitsa | 1.77 277 | P | Pb | 22 41 05.4 | 0.0 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 41 31.3 | +1.5 | ARSA | Arzberg | 9.44 329 | Pn | Pn | 22 42 50.8 | +2.0 |
| IGT | Igoumenitsa | 1.77 277 | P | Pb | 22 41 05.4 | 0.0 | IDI | Anoyia | 4.44 155 | l/Pn | Sn | 22 41 06.0 | -0.3 | CASP | Castiglione de | 9.52 295 | Pn | Pn | 22 42 51.6 | +1.8 |
| | baz=276 | | S | Sg | 22 41 31.3 | +1.5 | TIP | Timpagrande | 4.55 270 | l/Pn | Sn | 22 41 04.6 | +0.3 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| FSK | Fiskardo | 1.83 242 | P | Pb | 22 41 06.0 | -0.3 | TIP | Timpagrande | 4.55 270 | l/Pn | Sn | 22 41 42.7 | +1.0 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 44 35.4 | -0.2 |
| FSK | Fiskardo | 1.83 242 | P | Pb | 22 41 06.0 | -0.3 | TIP | Timpagrande | 4.55 270 | l/Pn | Sn | 22 42 34.8 | +0.2 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| KNT | Kendrikon | 1.83 7 | P | Pn | 22 41 04.6 | +0.3 | MLSB | Milas | 4.55 115 | PN | PN | 22 41 42.9 | +1.2 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| KNT | Kendrikon | 1.83 7 | P | Pn | 22 41 04.6 | +0.3 | SZH | Strazhica | 4.65 31 | i/P | Pn | 22 41 43.3 | +0.2 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| KNT | Kendrikon | 1.83 7 | PN | Pn | 22 41 03.9 | -0.4 | PLE | Piljevija | 4.66 330 | l/Pn | Sn | 22 41 45.2 | +1.9 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| KBN | Korca | 1.90 313 | P | Pb | 22 41 06.5 | -1.0 | TREB | Trebinje | 4.66 318 | ePn | Sn | 22 42 39.4 | +1.8 | VYHS | Vyhne | 9.54 345 | eP | Pn | 22 42 53.2 | +3.0 |
| | baz=310 | | S | Sg | 22 41 32.6 | -1.1 | SVT | Sveti | 4.68 64 | l/Pn | Sn | 22 41 43.7 | +0.5 | KOL | Kolonicko sedl | 9.59 359 | eSn | Sn | 22 44 35.4 | -0.2 |
| KBN | baz=310 | | S | Sg | 22 41 32.6 | -1.1 | BRY | Bratogost | 4.70 320 | l/Pn | Sn | 22 41 45.0 | +1.1 | KOLS | Kolonicko sedl | 9.59 359 | ePn | Pn | 22 42 53.6 | +2.8 |
| SRS | Serrai | 1.93 23 | P | Pn | 22 41 05.8 | +0.2 | BRY | Bratogost | 4.70 320 | l/Pn | Sn | 22 42 40.3 | +1.8 | CSS | Mathiatis | 9.61 114 | Pn | Pn | 22 42 50.8 | -0.4 |
| SRS | Serrai | 1.93 23 | P | Pn | 22 41 05.8 | +0.2 | BRY | Bratogost | 4.70 320 | l/Pn | Sn | 22 41 44.3 | +0.4 | ZST | Bratislava | 9.70 338 | ePn | Pn | 22 42 55.4 | +3.1 |
| KARY | Karystos | 1.94 132 | P | Pn | 22 41 05.7 | -0.1 | BAINT | Banitsa | 4.71 6 | l/P | Pn | 22 41 45.5 | +1.7 | ZST | Bratislava | 9.70 338 | ePn | Pn | 22 42 55.4 | +3.1 |
| KARY | comp=E,2008um,1.0s | | AML | AML | 22 41 40.2 | | MAIT | Manisa | 4.72 99 | PN | PN | 22 41 45.9 | +1.8 | MODS | Modra-Piesok | 9.81 339 | ePn | Pn | 22 42 56.2 | +2.3 |
| KARY | comp=N,3385um,0.7s | | AML | AML | 22 41 42.7 | | UPM | Unac-Piva | 4.76 325 | l/Pn | Sn | 22 41 46.3 | +1.6 | MODS | Modra-Piesok | 9.81 339 | ePn | Pn | 22 42 56.2 | +2.3 |
| KARY | comp=N,3385um,0.7s | | AML | AML | 22 41 42.7 | | UPM | Unac-Piva | 4.76 325 | l/Pn | Sn | 22 42 41.5 | +1.4 | CONA | Conrad Observa | 9.87 339 | ePn | Pn | 22 42 58.6 | +3.8 |
| VLS | Valsamata | 1.96 234 | P | Pb | 22 41 07.9 | -0.7 | UPM | Unac-Piva | 4.76 325 | l/Pn | Sn | 22 41 46.1 | +1.4 | ZCAL | Zlati | 10.02 304 | Pn | Pn | 22 42 57.2 | +0.5 |
| VLS | Valsamata | 1.96 234 | P | Pb | 22 41 07.9 | -0.7 | ZIMR | Zimra | 4.78 25 | l/Pn | Sn | 22 41 46.1 | +1.3 | STAL | Staligalij | 10.03 317 | Pn | Pn | 22 42 55.9 | -0.9 |
| VAY | Vandovo | 1.98 359 | i/Pn | Pn | 22 41 06.8 | +0.5 | KDLA | Kula-Manisa | 4.78 25 | l/Pn | Sn | 22 41 45.4 | +1.3 | LANS | Liptovska Anna | 10.06 348 | ePn | Pn | 22 43 00.0 | +2.7 |
| VLX | Vlachokerasia | 1.98 185 | P | Pn | 22 41 06.7 | +0.3 | CTVL | Yalikoy Yolu | 4.83 62 | PN | PN | 22 41 46.9 | +0.9 | LANS | Liptovska Anna | 10.06 348 | ePn | Pn | 22 43 00.0 | +2.7 |
| VLX | Vlachokerasia | 1.98 185 | P | Pn | 22 41 06.7 | +0.3 | CTKS | Kestanelik-?a | 4.89 65 | PN | PN | 22 41 46.9 | +0.6 | TEOL | Teolo | 10.08 310 | Pn | Pn | 22 42 57.0 | -0.5 |
| VLX | Vlachokerasia | 1.98 185 | P | Pn | 22 41 06.7 | +0.3 | PUNO | Rudo | 4.92 331 | ePn | Sn | 22 41 47.2 | +0.5 | ZOU | Zouplian | 10.09 319 | Pn | Pn | 22 42 57.2 | -0.7 |
| KEFS | Kardakata, Kep | 1.98 238 | P | Pb | 22 41 08.1 | -0.9 | RUNG | Punginha | 4.94 3 | l/P | Pn | 22 41 48.2 | +2.0 | VLO | Villacollemand | 10.32 302 | PN | PN | 22 43 00.1 | -0.7 |
| KEF4 | Kardakata, Kep | 1.98 238 | P | Pb | 22 41 08.1 | -0.9 | ARMT | Armutlu | 4.96 74 | PN | PN | 22 41 48.2 | +0.9 | MOA | comp=E,5.5nm,0.8s | | i/Sn | Sn | 22 45 00.8 | +1.6 |
| KEF4 | Kardakata, Kep | 1.98 238 | P | Pb | 22 41 08.1 | -0.9 | STON | Ston | 5.12 315 | ePn | Sn | 22 41 49.0 | -0.4 | ABTA | Abfalterbachs | 10.45 318 | ePn | Pn | 22 43 03.0 | +0.3 |
| KEF4 | Kardakata, Kep | 1.98 238 | P | Pb | 22 41 08.1 | -0.9 | BBLs | Lazći | 5.12 333 | ePn | Sn | 22 41 50.7 | +1.2 | ABTA | Abfalterbachs | 10.45 318 | ePn | Pn | 22 43 03.0 | +0.3 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | TURN | Turunc | 5.13 118 | ePn | Sn | 22 41 50.7 | +1.2 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10.5 | -0.2 | DIVS | Divivare | 5.14 338 | ePn | Sn | 22 41 52.2 | +1.0 | CTI | Castel Tesino | 10.48 313 | Pn | Pn | 22 44 56.0 | -3.9 |
| SRN | Sarande | 2.09 286 | P | Pb | 22 41 10. | | | | | | | | | | | | | | | |

19d 22h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HFS, BELG, TAM, FINES, NORSAR, etc.

2014 DEC

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NRIK, WMO, DMN, KKN, PKIN, PUKI, RAMM, TAPN, ODAN, etc.

934

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SGG, Gregorio Mates, WRA, ASAR, MKAR, etc.

| | | | | | | | | | |
|------|--------------------|----------|-----|-----|------------|------|--|--|--|
| ATVO | comp=N,2790um,0.5s | AML | AML | | | | | | |
| ATTE | AVT- Monte Tez | 0.92 113 | P | Pg | 04 07 22.0 | -0.3 | | | |
| ATTE | comp=N,1970um,0.5s | | AML | AML | | | | | |
| MGAB | Montegabbione | 0.93 133 | P | Pg | 04 07 22.7 | +0.2 | | | |
| MGAB | comp=E,2860um,0.6s | | AML | AML | | | | | |
| MGAB | comp=E,2890um,0.4s | | AML | AML | | | | | |
| MGAB | comp=E,2890um,0.4s | | AML | AML | | | | | |
| MGAB | comp=N,2685um,0.5s | | AML | AML | | | | | |
| MGAB | comp=N,2735um,0.5s | | AML | AML | | | | | |
| GROG | Isola di Gorgo | 0.95 263 | P | Pn | 04 07 24.2 | +0.7 | | | |
| GROG | comp=E,1515um,0.5s | | AML | AML | 04 07 37.5 | +0.6 | | | |
| PE3 | Peglio | 0.96 81 | P | Pg | 04 07 23.2 | +0.1 | | | |
| PE3 | comp=E,6785um,0.5s | | AML | AML | | | | | |
| EQUI | Equi | 0.96 309 | P | Pn | 04 07 24.0 | +0.3 | | | |
| EQUI | comp=N,3250um,0.6s | | AML | AML | | | | | |
| PIEI | Pieia | 0.98 91 | P | Pb | 04 07 22.9 | -0.4 | | | |
| PIEI | comp=E,1575um,0.4s | | AML | AML | | | | | |
| NARO | Abbazia di Nar | 1.01 87 | P | Pb | 04 07 23.6 | -0.3 | | | |
| NARO | comp=E,986um,0.3s | | AML | AML | 04 07 36.6 | -0.5 | | | |
| MURB | Monte Urbino | 1.02 106 | P | Pb | 04 07 23.9 | -0.1 | | | |
| MURB | comp=N,5040um,0.4s | | AML | AML | | | | | |
| MURB | comp=E,4875um,0.3s | | AML | AML | | | | | |
| MURB | comp=E,4595um,1.1s | | AML | AML | | | | | |
| FIWI | Fivizzano | 1.02 312 | P | Pn | 04 07 25.3 | +0.8 | | | |
| ATFO | Monte Foce - G | 1.03 100 | P | Pb | 04 07 23.7 | -0.5 | | | |
| ATFO | comp=E,1845um,1.4s | | AML | AML | | | | | |
| LATE | Laterza | 1.05 154 | P | Pn | 04 07 25.1 | +0.3 | | | |
| LATE | comp=N,2160um,0.5s | | AML | AML | | | | | |
| CELB | S. Piero in Cam | 1.08 222 | P | Pg | 04 07 26.7 | +1.4 | | | |
| CELB | comp=E,1013um,0.9s | | AML | AML | 04 07 42.8 | +2.6 | | | |
| PLMA | Palmaria, Port | 1.09 297 | P | Pg | 04 07 25.7 | +0.3 | | | |
| PLMA | comp=N,1375um,1.5s | | AML | AML | | | | | |
| BLLA | Bellaria | 1.10 57 | P | Pg | 04 07 26.0 | +0.4 | | | |
| BLLA | comp=N,4295um,1.5s | | AML | AML | | | | | |
| FRON | Frontone | 1.12 92 | P | Pb | 04 07 25.4 | -0.3 | | | |
| FRON | comp=N,1385um,0.5s | | AML | AML | | | | | |
| ATCC | AVT- Casa Cast | 1.12 109 | P | Pg | 04 07 26.3 | +0.2 | | | |
| ATCC | comp=N,2240um,0.7s | | AML | AML | | | | | |
| MPAG | Monte Paganuc | 1.15 86 | P | Pb | 04 07 26.0 | -0.2 | | | |
| MPAG | comp=N,1505um,0.4s | | AML | AML | | | | | |
| MPAG | comp=N,1565um,0.4s | | AML | AML | | | | | |
| FSSB | Fossombrone | 1.16 83 | P | Pn | 04 07 26.4 | 0.0 | | | |
| FSSB | comp=N,4035um,1.1s | | AML | AML | | | | | |
| FOSV | Fossato di Vic | 1.18 102 | P | Pn | 04 07 26.6 | -0.1 | | | |
| FOSV | comp=N,753um,0.5s | | AML | AML | | | | | |
| ASSB | Assisi San Ben | 1.19 115 | P | Pb | 04 07 27.0 | +0.1 | | | |
| ASSB | comp=N,967um,1.3s | | AML | AML | | | | | |
| GRAM | Graiana | 1.23 319 | P | Pg | 04 07 28.8 | +0.5 | | | |
| GRAM | comp=N,2540um,1.2s | | AML | AML | 04 07 46.4 | +2.0 | | | |
| GRAM | comp=N,830um,1.3s | | AML | AML | 04 07 28.7 | +0.4 | | | |
| GRAM | comp=E,3665um,0.3s | | AML | AML | | | | | |
| MOMA | Monte Martano | 1.26 126 | P | Pb | 04 07 28.3 | +0.2 | | | |
| MOMA | comp=N,860um,0.4s | | AML | AML | | | | | |
| MOMA | comp=N,830um,1.3s | | AML | AML | | | | | |
| MOMA | comp=E,844um,1.1s | | AML | AML | | | | | |
| ARVD | Arcevia | 1.28 92 | P | Pb | 04 07 28.3 | -0.1 | | | |
| ARVD | comp=N,932um,1.4s | | AML | AML | | | | | |
| SNTG | Esanatoglia | 1.31 103 | P | Pb | 04 07 28.8 | -0.2 | | | |
| SNTG | comp=N,761um,1.2s | | AML | AML | | | | | |
| CAVE | Cavezzo | 1.31 354 | P | Pg | 04 07 31.4 | +1.6 | | | |
| CAVE | comp=N,2880um,0.9s | | AML | AML | | | | | |
| CESI | CESI - Serrava | 1.37 113 | P | Pn | 04 07 29.3 | -0.1 | | | |
| CESI | comp=N,392um,0.8s | | AML | AML | | | | | |
| CESX | Cesi | 1.39 132 | P | Pb | 04 07 30.4 | +0.1 | | | |
| CESX | comp=N,767um,0.2s | | AML | AML | | | | | |
| EL6 | Elicito | 1.41 99 | P | Pb | 04 07 30.7 | 0.0 | | | |
| EL6 | comp=N,1654um,1.4s | | AML | AML | | | | | |
| MSSA | Maissana | 1.43 303 | P | Pb | 04 07 30.7 | -0.2 | | | |

| | | | | | | | | | |
|-------|--------------------|----------|-----|-----|------------|------|--|--|--|
| MSSA | comp=E,720um,0.9s | AML | AML | | | | | | |
| MSSA | comp=N,959um,1.0s | | AML | AML | | | | | |
| SERM | Sermide | 1.45 3 | P | Pg | 04 07 32.5 | +0.1 | | | |
| SERM | comp=E,928um,1.0s | | AML | AML | | | | | |
| CING | Cingoli | 1.47 96 | P | Pb | 04 07 31.5 | -0.2 | | | |
| CING | comp=N,523um,0.5s | | AML | AML | | | | | |
| FDMO | Fiordimonte | 1.48 110 | P | Pb | 04 07 31.8 | -0.1 | | | |
| FDMO | comp=E,684um,0.5s | | AML | AML | | | | | |
| FDMO | comp=N,404um,0.8s | | AML | AML | | | | | |
| CSP1 | Cessapalombo | 1.54 107 | P | Pn | 04 07 32.0 | +0.2 | | | |
| TOLF | Tofia | 1.61 158 | P | Pb | 04 07 33.7 | -0.3 | | | |
| LNSS | Leonessa | 1.66 124 | P | Pb | 04 07 34.4 | -0.6 | | | |
| LNSS | comp=N,614um,0.4s | | AML | AML | | | | | |
| LNSS | comp=E,760um,0.7s | | AML | AML | | | | | |
| GORR | Corroto | 1.72 308 | P | Pb | 04 07 35.3 | -0.7 | | | |
| GORR | comp=N,911um,0.3s | | AML | AML | 04 07 35.1 | +1.0 | | | |
| GORR | comp=N,1090um,0.5s | | AML | AML | | | | | |
| BOB | Bobbio (Coli) | 1.74 315 | P | Pb | 04 07 36.6 | +0.3 | | | |
| BOB | comp=E,1360um,0.8s | | AML | AML | | | | | |
| BOB | comp=E,1190um,0.8s | | AML | AML | | | | | |
| BOB | comp=N,1139um,0.7s | | AML | AML | | | | | |
| BOB | comp=N,1190um,0.7s | | AML | AML | | | | | |
| PP3 | Marolino | 1.77 95 | P | Pb | 04 07 37.3 | +0.5 | | | |
| PP3 | comp=E,1360um,0.7s | | AML | AML | | | | | |
| PP3 | comp=N,1095um,0.8s | | AML | AML | | | | | |
| PP3 | comp=N,1149um,0.8s | | AML | AML | | | | | |
| PP3 | comp=N,1795um,0.7s | | AML | AML | | | | | |
| TEOL | Teolo | 1.83 11 | P | Pn | 04 07 36.2 | +0.6 | | | |
| TEOL | comp=N,2345um,1.1s | | AML | AML | | | | | |
| PGF | Pioggiola | 1.89 239 | Pn | Pn | 04 07 37.6 | +1.0 | | | |
| PGF | comp=N,144um,0.6s | | AML | AML | 04 07 37.5 | +1.0 | | | |
| PGF | comp=N,144um,0.6s | | AML | AML | 04 07 37.0 | +0.4 | | | |
| PGF | comp=N,144um,0.6s | | AML | AML | 04 07 59.3 | -1.0 | | | |
| PGF | comp=N,553um,0.4s | | AML | AML | 04 07 37.5 | +1.0 | | | |
| CAMP | Campotosto | 1.92 121 | P | Pb | 04 07 38.5 | -0.9 | | | |
| CAMP | comp=N,309um,0.6s | | AML | AML | 04 07 40.3 | +0.9 | | | |
| OFFI | Offida | 1.93 108 | P | Pb | 04 07 40.3 | +0.9 | | | |
| OFFI | comp=N,1315um,0.5s | | AML | AML | | | | | |
| TERO | Teramo | 2.00 117 | P | Pb | 04 07 39.5 | -1.3 | | | |
| TERO | comp=N,1210um,1.0s | | AML | AML | | | | | |
| TERO | comp=N,165um,0.7s | | AML | AML | | | | | |
| AQU | L'Aquila | 2.02 126 | ePn | Pb | 04 07 40.5 | -0.6 | | | |
| AQU | comp=N,426um,1.3s | | AML | AML | 04 07 41.1 | 0.0 | | | |
| AQU | comp=N,494um,1.6s | | AML | AML | | | | | |
| AQU | comp=N,407um,1.4s | | AML | AML | | | | | |
| AQU | comp=N,490um,1.5s | | AML | AML | | | | | |
| SMPL | Sampolo | 2.02 224 | Pn | Pb | 04 07 40.2 | -0.9 | | | |
| SMPL | comp=N,90um,1.5s | | AML | AML | 04 07 39.9 | -1.2 | | | |
| SMPL | comp=N,120um,1.4s | | AML | AML | | | | | |
| GUMA | Gualdo di Mace | 2.07 103 | P | Pn | 04 07 35.0 | -3.9 | | | |
| GUMA | comp=N,2275um,0.6s | | AML | AML | | | | | |
| GUMA | comp=N,191um,0.7s | | AML | AML | | | | | |
| GUMA | comp=N,1850um,0.5s | | AML | AML | | | | | |
| GUMA | comp=N,2315um,0.6s | | AML | AML | | | | | |
| ROVR | Rover Veronesi | 2.09 358 | P | Pn | 04 07 40.0 | +0.7 | | | |
| ROVR | comp=N,370um,0.3s | | AML | AML | | | | | |
| ROVR | comp=E,222um,0.7s | | AML | AML | | | | | |
| SALO | Salir | 2.11 347 | P | Pb | 04 07 41.3 | -1.3 | | | |
| SALO | comp=N,210um,0.3s | | AML | AML | | | | | |
| SALO | comp=E,1082um,0.9s | | AML | AML | | | | | |
| SALO | comp=E,288um,1.0s | | AML | AML | | | | | |
| SALO | comp=N,3235um,0.9s | | AML | AML | | | | | |
| PCP | Fincastrada | 2.14 298 | P | Pn | 04 07 40.3 | +0.4 | | | |
| FINB | Fincastrada | 2.16 288 | P | Pn | 04 07 40.4 | +0.3 | | | |
| FINB | comp=N,158um,0.4s | | AML | AML | | | | | |
| FINB | comp=N,210um,0.3s | | AML | AML | | | | | |
| FAGN | Fagnano | 2.18 125 | P | Pb | 04 07 43.3 | -0.5 | | | |
| FAGN | comp=N,553um,0.5s | | AML | AML | | | | | |
| FAGN | comp=N,553um,0.5s | | AML | AML | | | | | |
| QLNO | Quiliano | 2.19 291 | P | Pn | 04 07 41.5 | +0.9 | | | |
| QLNO | comp=N,326um,0.8s | | AML | AML | | | | | |
| MAGA | Magasa | 2.25 350 | P | Pn | 04 07 42.4 | +0.9 | | | |
| MAGA | comp=N,1057um,0.4s | | AML | AML | | | | | |
| MAGA | comp=N,496um,0.5s | | AML | AML | | | | | |
| T0110 | Collepietra | 2.32 124 | P | Pn | 04 07 42.6 | +0.2 | | | |
| T0110 | comp=N,360um,0.5s | | AML | AML | | | | | |
| RORO | Rocca Rossa | 2.33 285 | P | Pn | 04 07 45.9 | +1.6 | | | |
| RORO | comp=N,88um,0.9s | | AML | AML | | | | | |
| RORO | comp=N,88um,0.9s | | AML | AML | | | | | |
| MDI | Monti di Nese | 2.46 335 | P | Pn | 04 07 45.9 | +1.6 | | | |
| MDI | comp=N,416um,0.4s | | AML | AML | | | | | |
| MDI | comp=N,16um,0.5s | | AML | AML | | | | | |
| CTI | Castel Tesino | 2.51 7 | P | Pn | 04 07 45.8 | +0.7 | | | |
| CTI | comp=N,767um,0.2s | | AML | AML | | | | | |
| CTI | comp=N,767um,0.2s | | AML | AML | | | | | |
| GBOS | Grotte di Boss | 2.51 287 | P | Pn | 04 07 45.8 | +0.7 | | | |
| GBOS | comp=N,101um,0.8s | | AML | AML | | | | | |
| GBOS | comp=N,114um,1.6s | | AML | AML | | | | | |
| INTR | Introdacqua | 2.53 127 | P | Pn | 04 07 45.8 | +0.7 | | | |

| | | | | | | | | | |
|------|-------------------|----------|-----|-----|------------|------|--|--|--|
| INTR | comp=N,295um,1.2s | AML | AML | | | | | | |
| MABI | Malga Bissina | 2.54 349 | P | Pn | 04 07 46.8 | +1.2 | | | |
| MABI | comp=N,144um,0.6s | | AML | AML | | | | | |
| MABI | comp=N,144um,0.6s | | AML | AML | | | | | |
| POLC | Polcenigo | 2.64 20 | P | Pn | 04 07 47.5 | +0.8 | | | |
| POLC | comp=N,741um,0.5s | | AML | AML | | | | | |
| SAOF | Saorge | 2.67 281 | Pn | Pn | 04 07 48.2 | +1.1 | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | 04 08 12.5 | -6.7 | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | 04 07 48.2 | +1.1 | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | 04 08 12.5 | -6.7 | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | | | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | | | | | |
| SAOF | comp=N,295um,1.2s | | AML | AML | | | | | |

NORS 20 06:22:08.0.0.0.43:39N-43:55E, h20km, MPVA3.8
MOS 20 06:22:08.0.0.0.43:40N-43:59E, h0km, MPVA3.8
ISC 20 06:42:0.0.9.43:40N-0:02:43:59E:0:02, h17km, 7km,
n22, c072/43, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Lesken, Stavd-Durt, Kora, Digorskoje uzhe, etc.

IDC 20 06:32:24.5.12.0.24.02S:-177.59W, h346km, 114km,
mb3.0/2, mb1 3.3/4, mb1mx3.0/26, mbtmp4.0/4, Error
ellipse: s-maj=84.2km s-min=51.7km az=27.0, South of
Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, URZ, ASAR, WRA, AKASO.

ISU 20 06:49:24.0.42:20N-69:80E, h10km
NNC 20 06:49:24.6.3.3.40:84N-69:79E, h0km, mb3.6, mpv3.2,
Error ellipse: s-maj=23.4km s-min=13.3km az=27.0

KRNET 20 06:49:25.9.0.1.41:04N:69:80E, mb2.9
SOME 20 06:49:27.3.1.41:00N-70:00E, h10km
ISC 20 06:49:27.0.1.1.41:01N:0:04:69:75E:0:05, h10km, n24,
c185/39, 18C-1D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TAS, CHMG, IUG, TRKS, BTK, BRLS, KK31, DRK, ARSB, MRKS, MRKS, MRKS, EK2S, ARLS, AAK, AAK, SAKS, SGDS, TKM2, TKM2, DGS, DGS, DGS, KST, KST, KST, KRBS, KRBS.

4.7nm,0.7s
AB31 Akbulak array 10.76 323 fP
0.2nm,0.2s,baz=13,slow=17,SNR=4.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LSNR, STDR, KORR, KUBA-TABA, ARNAR, DIGR, PRTR, ZEI, BTKR, LACR, VLKR, TRKR, KMGR, CHV, BKR, ABS, DMNI.

MAN 20 07:28:10.2.6:58N:127:50E, h13km, mb4.3, ML3.2, MS2.9
IDC 20 07:28:21.9.2.6.9:1N:126:83E, h71km, 26km, mb3.7/11,
mb1 3.8/11, mb1mx3.5/51, mbtmp4.0/11, Error ellipse:
s-maj=36.3km s-min=14.1km az=81.0

NEIC 20 07:28:22.9.1.1.6:80N:0:10:126:68E:0:10, h83km, 7km,
mb4.2/10, Error ellipse: s-maj=14.6km s-min=13.6km
az=145.0

ISC 20 07:28:19.1.18.6:83N:0:05:127:1E:0:1, h42km, 18km,
n35, c249/45, mb4.0/15, 4d, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MATI, DAV, DAV, DAV, DMPP, BIP, BIP, KCP, BUKP, BUKP, BUKP, CGP, GLSP, PAZG, TOLJ, SOEI, SOEI, KNRA, FITZ, FITZ, FITZ, WBO, WBO, WRA, AS31, ASAR, ASAR, MAJO, MJAR, JMM, ASAJ, BBOO, BBOO, STKA, STKA, PETK, MK31, MKAR, ILAR, AKASG, YKA.

IDC 20 07:32:17.4.0.5.16:47N:147:46E, h0km, mb4.3/26,
mb1 4.4/27, mb1mx3.0/60, mbtmp4.3/27, ML4.1/1, MS3.3/10,
Ms1 3.3/10, ms1mx3.0/44, Error ellipse: s-maj=20.0km,
s-min=10.5km az=99.0

NEIC 20 07:32:24.2.1.4.16:38N:0:09:147:4E:0:2, h49km, 5km,
mb4.6/25, Error ellipse: s-maj=21.2km s-min=12.6km
az=97.0

ISC 20 07:32:22.8.0.5.16:46N:0:06:147:5E:0:1, h35km, n75,
c1918/65, mb4.4/41, MS3.2/10, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GUMO, MANU, H11S3, H11S1, H11S2, H11N1, H11N2.

baz=263,slow=75,SNR=13
H11N3 WAKE ISLAND Hy 18.74 77 T T 07 55 46.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JAY, JOW, JGF, MJAR, MAJO, MAJO, JMM, JMM, DAV, SIJI, SIJI, FAKI, FAKI, PMG, PMG, PMG, PMG, KSRS, ASAJ, ASAJ, HNR, HNR, COEN, KLR, BATI, BATI, CTA, CTA, KNRA, PETK, WBO, WBO, WRA, FITZ, FITZ, FITZ, ASAR, ASAR, SRAK, UTTA, PHIT, SONM, CM35, UTHA, CM09, CMMT, CHTO, CHTO, CM31, CM31, CM31, PHET, YAK, STKA, STKA, BBOO, BBOO, CAN, TIXI, WNUO, ZAAO, ZAAO, ZALV, MKAR, KURK, KURK, NRIK, NRIK, NRIK, ILAR, NLR, BRVK, BRVK, KK31, KKAR, KKAR, INK, ABKA, YKA, RES, NVAR, ARCS, KBZ, FINES, ULM, ULM, LPAZ, LPAZ.

IDC 20 07:34:49.5.3.4.8:67S:160:48E, h64km, 20km, mb3.5/4,
mb1 3.7/5, mb1mx3.4/44, mbtmp3.9/5, MS3.1/3, Ms1 3.1/3,
ms1mx2.7/25, Error ellipse: s-maj=39.0km s-min=36.3km
az=69.0

ISC 20 07:34:46.5.1.6.8:55S:0:1:160:5E:0:1, h35km, n8, c1943/8,
mb3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HNR, HNR, PMG, DZM, DZM.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like ARCES ARCESS Array S, NOA NORSAR Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like JSGW Sagamiharawaka, BS04 Boso 4, JSD Sado, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like KSRS Korea Array, KS19 Wuzuy Array Si, KS20 Wuzuy Array Si, etc.

BUI 20 09:29:56.7, 0.0, 37.40N, 141.43E, h48km, mB5.8/73, mB5.7/79, Ms5.9/93, Ms7.5/78

MOS 20 09:29:56.8, 0.0, 37.55N, 141.51E, h35km, mB6.0/162, MS5.8/76, Error ellipse: s-maj=4.7km s-min=3.2km

NEIC 20 09:29:57.9, 37.38N, 141.56E, h34km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm, M=0.34, Mw=3.82, Ma=1.85, Mb=1.87, Mc=4.46; Fault plane solution: M6.54000x10^17, NP2: 204.43000, 521.20000, 191.57000, NP2: 227.50000, 668.81000, 189.39000, Principal axes: T 6.2968, Plg66.0000, Azm292.0000; N 0.4672, Plg1.0000, Azm23.0000; P -6.7640, Plg24.0000, Azm113.0000

NEIC 20 09:29:57.9, 37.43N, 141.61E, h44km, MW5.9, Moment Tensor Solution, s3, Moment tensor: Scale 10^17Nm; M=6.22, Mw=0.70, Mb=5.52, M=2.03, Mw=2.86, Mw=5.37; Fault plane solution: M8.70000x10^17, NP1: 22.00000, 65.00000, 187.00000, NP2: 208.00000, 524.00000, 196.00000

NEIC 20 09:29:57.5, 1.5, 37.40N, 141.55E, h31km, 2km, mB6.0/570, Ms. 2.0/617, MwB5.8/134, MwW5.9, MwC5.9(GCMT), Error ellipse: s-maj=7.7km s-min=5.6km az=83.0

BGR 20 09:29:57.0, 0.0, 37.29N, 141.93E, h42km, mB5.8, Ms5.8, JMA Felt IV J1

KEA 20 09:29:59.0, 0.0, 37.70N, 141.90E, h33km, mB5.9/3, MS5.1/3

NEIC 20 09:29:59.37, 30N, 141.67E, h50km, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; M=2.09, Mw=3.67, Ma=1.74, Mb=1.40, Mc=6.78; Fault plane solution: M8.75000x10^17, NP1: 214.00000, 519.00000, 1105.00000, NP2: 18.00000, 672.00000, 185.00000, Principal axes: T 9.3746, Plg63.0000, Azm280.0000; N -1.4366, Plg5.0000, Azm19.0000; P -7.9380, Plg27.0000, Azm112.0000

IDC 20 09:29:59.4, 1.7, 37.42N, 141.53E, h52km, 15km, mB5.0/27, mB1.5/236, mB1mx5.1/38, mbtmp5.3/36, ML4.4/8, MS5.5/50, MS1.5/50, ms1mx5.4/54, Error ellipse: s-maj=12.8km s-min=9.9km az=104.0

GCMT 20 09:30:00.0, 0.0, 1.37, 37.43N, 141.69E, h44km, MW6.0/166, Moment Tensor Solution, s163, c356, s166, c532; Duration: 2s3, Moment tensor: Scale 10^18Nm; M=0.80, Mw=0.14, Mb=0.14, Mc=0.65, Ma=0.23, Ma=0.23, Ma=0.30, Mw=0.67, Ma=0.1; Best double couple: M=1.06800x10^18, NP1: 208.00000, 524.00000, 196.00000, NP2: 21.00000, 666.00000, 187.00000, Principal axes: T 1.0690, Plg69.0000, Azm25.0000; N -0.0040, Plg3.0000, Azm22.0000; P -1.0660, Plg21.0000, Azm113.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface/mantle waves, cutoff=50s, Triangular moment-rate function

NEIC 20 09:30:01.37, 39N, 141.79E, h50km, Moment Tensor Solution, Moment tensor: Scale 10^18Nm; M=0.79; Mw=0.10, Mw=0.69, Mw=0.21, Mw=0.34, Mw=0.60; Fault plane solution: M=1.03000x10^18, NP1: 208.00000, 526.00000, 196.00000, NP2: 21.00000, 664.00000, 187.00000, Principal axes: T 1.0074, Plg71.0000, Azm285.0000; N 0.0495, Plg3.0000, Azm23.0000; P -1.0568, Plg19.0000, Azm113.0000

ISC 20 09:29:58.4, 0.3, 37.46N, 141.54E, 0.02, h43km, 2km, h43km, pP-P, n2345, s1s3s2418, mB5.9/558, MS5.6/441, 171C-82D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like JFK Kawachi, JMST Minamisoumatoc, JMA Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like JSGW Sagamiharawaka, BS04 Boso 4, JSD Sado, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, N, R, Res. Includes stations like KSRS Korea Array, KS19 Wuzuy Array Si, KS20 Wuzuy Array Si, etc.

| | | | | | | | | | |
|-------|--------------------------------------------|-----------|---------|------------|--|--|--|--|--|
| ASAR | comp-Z,2µm,20.6s,baz=358,slow=36 | LR | LR | 10 06 20.0 | | | | | |
| ASAR | comp-Z,4.5nm,1.1s,baz=169,slow=3.1,SNR=7.1 | PKP2bc | | 10 09 33.6 | | | | | |
| POO | comp-Z,130nm,1.0s | 61.45 272 | ix | | | | | | |
| POO | | | ix | | | | | | |
| POO | | | Iamb | | | | | | |
| POO | | | Iamb | | | | | | |
| LVZ | comp-Z,396nm,1.8s | 61.76 336 | eP | | | | | | |
| LVZ | Lovozero | | P | | | | | | |
| LVZ | | | Pmax | | | | | | |
| LVZ | comp-Z,7.4nm,1.0s | | MLR | | | | | | |
| LVZ | | | MLR | | | | | | |
| LVZ | comp-Z,10µm,18.0s | 61.76 336 | P | | | | | | |
| LVZ | Lovozero | | Iamb | | | | | | |
| KAD | comp-Z,7.0nm,0.9s | 61.85 271 | ix | | | | | | |
| RES | Karad | | P | | | | | | |
| RES | Resolute Bay | 62.16 15 | P | | | | | | |
| RES | | | Pmax | | | | | | |
| RES | comp-Z,6.6nm,1.1s | | MLR | | | | | | |
| RES | | | MLR | | | | | | |
| RES | comp-Z,2µm,18.0s | 62.16 15 | P | | | | | | |
| RES | Resolute Bay | | P | | | | | | |
| PSA00 | Pilbara Seismi | 62.17 203 | P | | | | | | |
| BHUJ | Bhuji | 62.27 279 | eP | | | | | | |
| BHUJ | | | Iamb | | | | | | |
| BHUJ | | | Iamb | | | | | | |
| APA | comp-Z,102nm,0.3s | 62.34 336 | ix | | | | | | |
| APA | Apatity | | P | | | | | | |
| APA | | | PPP | | | | | | |
| APA | | | PPP | | | | | | |
| APA | | | S | | | | | | |
| APA | | | iS | | | | | | |
| APA | | | iS | | | | | | |
| APA | | | i | | | | | | |
| APA | | | Pmax | | | | | | |
| APA | comp-Z,6.7nm,0.9s | | Pmax | | | | | | |
| APA | | | MLR | | | | | | |
| APA | | | MLR | | | | | | |
| TMCR | comp-Z,10µm,18.0s | 62.42 331 | eP | | | | | | |
| TMCR | Tamitsa | | Pmax | | | | | | |
| TMCR | | | Pmax | | | | | | |
| HRA | comp-Z,161nm,1.3s | 62.43 294 | P | | | | | | |
| PALK | Herat | | P | | | | | | |
| PALK | Pallekele | 62.55 257 | Pmax | | | | | | |
| PALK | | | Pmax | | | | | | |
| PALK | comp-Z,149nm,1.4s | | MLR | | | | | | |
| PALK | | | MLR | | | | | | |
| PALK | comp-Z,4µm,20.0s | 62.55 257 | P | | | | | | |
| PALK | Pallekele | | Iamb | | | | | | |
| PALK | | | Iamb | | | | | | |
| PALK | comp-Z,149nm,1.4s | 62.55 257 | IAMS_20 | | | | | | |
| PALK | Pallekele | | IAMS_20 | | | | | | |
| KEV | comp-Z,4µm,20.0s | 63.08 339 | P | | | | | | |
| KEV | Kevo | | P | | | | | | |
| KEV | | | Pmax | | | | | | |
| KEV | comp-Z,8.2nm,1.0s | | MLR | | | | | | |
| KEV | | | MLR | | | | | | |
| KEV | comp-Z,6µm,18.0s | 63.08 339 | P | | | | | | |
| KEV | Kevo | | Iamb | | | | | | |
| KEV | | | Iamb | | | | | | |
| EIDS | comp-Z,8.2nm,1.0s | 63.14 170 | P | | | | | | |
| EIDS | Eidsvold | | P | | | | | | |
| GOA | Goa | 63.14 269 | ix | | | | | | |
| GOA | | | Iamb | | | | | | |
| GOA | | | Iamb | | | | | | |
| GOA | comp-Z,129nm,0.7s | | iP | | | | | | |
| GOA | Yellowknife Ar | 63.39 30 | P | | | | | | |
| GOA | | | P | | | | | | |
| GOA | | | P | | | | | | |
| YKA | comp-Z,8.5nm,0.7s,baz=309,slow=5.9,SNR=17 | 63.39 30 | P | | | | | | |
| YKA | Yellowknife Ar | | LR | | | | | | |
| YKA | | | LR | | | | | | |
| YKA | comp-Z,1µm,21.7s,baz=0.0,slow=36 | 63.39 30 | P | | | | | | |
| YKA | Yellowknife Ar | | P | | | | | | |
| YKA | Hammerfiste | 63.45 341 | eP | | | | | | |
| YKA | | | P | | | | | | |
| YKA | | | P | | | | | | |
| YKA | | | P | | | | | | |
| YKA | | | e | | | | | | |
| YKA | | | S | | | | | | |
| YKA | | | S | | | | | | |
| YKA | | | Pmax | | | | | | |
| YKA | | | Pmax | | | | | | |
| YKA | comp-Z,126nm,1.0s | | MLR | | | | | | |
| YKA | | | MLR | | | | | | |
| YKA | comp-Z,2µm,18.0s | 63.45 328 | eP | | | | | | |
| YKA | Klimovskoe | | eP | | | | | | |
| YKA | | | eP | | | | | | |
| YKA | | | P | | | | | | |
| YKA | | | P | | | | | | |
| YKA | | | AMP | | | | | | |
| YKA | comp-Z,126nm,1.0s | | AMP | | | | | | |
| YKA | | | ePP | | | | | | |
| YKA | | | S | | | | | | |
| YKA | | | S | | | | | | |
| YKA | | | S | | | | | | |
| YKA | | | LO | | | | | | |
| YKA | | | LO | | | | | | |
| YKA | | | LO | | | | | | |
| YKA | | | LR | | | | | | |
| YKA | | | LR | | | | | | |
| YKA | | | AMP | | | | | | |
| YKA | | | AMP | | | | | | |
| ASHT | comp-Z,2µm,18.0s | 63.52 299 | IAMS_20 | | | | | | |
| ASHT | Ashkhabad | | IAMS_20 | | | | | | |
| BELG | comp-Z,4µm,18.0s | 63.55 317 | iP | | | | | | |
| BELG | Belogornoye | | Pmax | | | | | | |
| BELG | | | Pmax | | | | | | |
| BELG | comp-Z,35nm,1.1s | | MLR | | | | | | |
| BELG | | | MLR | | | | | | |
| ARAO | comp-Z,1µm,17.0s | 63.63 339 | eP | | | | | | |
| ARAO | ARCESS Array S | | P | | | | | | |
| ARCES | ARCESS Array B | 63.63 339 | P | | | | | | |
| ARCES | | | P | | | | | | |
| ARCES | comp-Z,37nm,0.8s,baz=54,slow=6.8,SNR=87 | | LR | | | | | | |
| ARCES | | | LR | | | | | | |
| ARCES | comp-Z,5µm,18.6s,baz=55,slow=40 | 63.63 339 | P | | | | | | |
| ARCES | ARCESS Array B | | P | | | | | | |
| DZM | comp-Z,517nm,1.4s | 63.69 154 | eP | | | | | | |
| DZM | Mont Dzumac | | P | | | | | | |
| DZM | | | eS | | | | | | |
| DZM | comp-Z,7µm,34.1s | | eLQ | | | | | | |
| DZM | | | LQ | | | | | | |
| DZM | comp-Z,8µm,35.2s | | eLR | | | | | | |
| DZM | | | LR | | | | | | |
| DZM | comp-Z,12µm,21.3s | 63.69 154 | LR | | | | | | |
| DZM | Mont Dzumac | | LR | | | | | | |
| DZM | | | LR | | | | | | |
| DZM | comp-Z,8µm,20.7s,baz=326,slow=34 | 63.69 154 | P | | | | | | |
| DZM | Mont Dzumac | | P | | | | | | |
| DZM | | | P | | | | | | |
| GEYT | Alibeck | 63.71 299 | e | | | | | | |
| GEYT | | | P | | | | | | |
| GEYT | comp-Z,42nm,0.9s,baz=48,slow=2.2,SNR=52 | | LR | | | | | | |
| GEYT | | | LR | | | | | | |
| GEYT | comp-Z,3µm,18.6s,baz=40,slow=40 | 63.71 299 | P | | | | | | |
| GEYT | ALIBECK ARRAY | | P | | | | | | |
| GEYT | | | Iamb | | | | | | |
| GYA0B | | | Iamb | | | | | | |
| KTKI | comp-Z,91nm,0.9s | 64.59 339 | eP | | | | | | |
| KTKI | Kautokeino | | P | | | | | | |
| TULEG | Thule | 64.67 8 | P | | | | | | |
| TULEG | | | Iamb | | | | | | |
| TULEG | comp-Z,184nm,1.4s | | iP | | | | | | |
| TULEG | Thule | | Iamb | | | | | | |
| TULEG | | | Iamb | | | | | | |
| TRD | comp-Z,50nm,0.9s | 64.73 261 | eP | | | | | | |
| TRD | Trivandrum | | P | | | | | | |
| MSVF | Nonavdu | 64.77 141 | eP | | | | | | |
| MSVF | | | Pmax | | | | | | |
| MSVF | | | Pmax | | | | | | |
| COCO | comp-Z,7.9nm,1.2s | 64.79 229 | iP | | | | | | |
| COCO | West Island | | P | | | | | | |
| TRO | Tromsø | 65.34 341 | eP | | | | | | |
| DAG | Danmarks Havn | 65.36 355 | ix | | | | | | |
| DAG | | | Pmax | | | | | | |
| DAG | comp-Z,41nm,0.6s | 65.36 355 | ix | | | | | | |
| DAG | Danmarks Havn | | P | | | | | | |
| DAG | | | P | | | | | | |
| DAG | comp-Z,41nm,0.6s | 65.36 355 | ix | | | | | | |
| DAG | Danmarks Havn | | Iamb | | | | | | |
| DAG | | | Iamb | | | | | | |
| A04D | comp-Z,41nm,0.6s | 66.36 46 | P | | | | | | |
| A04D | Lummi Island | | P | | | | | | |
| D03D | comp-Z,300 | 66.74 47 | P | | | | | | |
| D03D | Eldon | | P | | | | | | |
| B05A | comp-Z,300,SNR=10 | 66.94 46 | P | | | | | | |
| B05A | Bryant | | P | | | | | | |
| MOS | comp-Z,301 | 66.97 323 | eP | | | | | | |
| MOS | Moscow | | P | | | | | | |
| MOS | | | P | | | | | | |
| MOS | | | e | | | | | | |
| MOS | | | e | | | | | | |
| MOS | | | eS | | | | | | |
| MOS | | | eS | | | | | | |
| MOS | | | eSS | | | | | | |
| MOS | comp-Z,293nm,1.4s | | Pmax | | | | | | |
| MOS | | | Pmax | | | | | | |
| MOS | comp-Z,1µm,2.6s | | MLR | | | | | | |
| MOS | | | MLR | | | | | | |
| D04E | comp-Z,4µm,18.0s | 67.11 47 | P | | | | | | |
| D04E | Lakebay | | P | | | | | | |
| D04E | | | P | | | | | | |
| B06A | comp-Z,301 | 67.17 46 | P | | | | | | |
| B06A | Marblemount | | Iamb | | | | | | |
| B06A | | | Iamb | | | | | | |

| | | | | | | | | | |
|------|---------------------------------|-----------|------|--|--|--|--|--|--|
| N2IH | comp-Z,226nm,1.4s | 67.29 341 | eP | | | | | | |
| VRH | Innhavet | | P | | | | | | |
| VRH | Novokhoporsk | 67.29 341 | eP | | | | | | |
| VRH | | 67.33 318 | eP | | | | | | |
| VRH | | | Pmax | | | | | | |
| VRH | comp-Z,100nm,0.6s | | Pmax | | | | | | |
| VRH | | | Pmax | | | | | | |
| VRH | comp-Z,930nm,2.6s | | MLR | | | | | | |
| VRH | | | MLR | | | | | | |
| STEI | comp-Z,12µm,17.0s | 67.50 341 | eP | | | | | | |
| E04D | Steigen | | P | | | | | | |
| E04D | Cinebar | 67.55 48 | P | | | | | | |
| E04D | | | P | | | | | | |
| SUF | comp-Z,301,SNR=9.3 | 67.55 48 | P | | | | | | |
| SUF | Sumiainen | | Pmax | | | | | | |
| SUF | | 67.65 333 | P | | | | | | |
| SUF | | | Pmax | | | | | | |
| N2TV | comp-Z,8.7nm,0.8s | 67.79 341 | eP | | | | | | |
| C06D | Tyrnävä | | P | | | | | | |
| C06D | Leavenworth | 67.81 46 | P | | | | | | |
| C06D | | | S | | | | | | |
| C06D | baz=302 | | S | | | | | | |
| OBN | comp-Z,2µm,18.0s | 67.81 323 | LR | | | | | | |
| OBN | Obninsk | | LR | | | | | | |
| OBN | comp-Z,1µm,18.1s,baz=52,slow=39 | 67.81 323 | iP | | | | | | |
| OBN | Obninsk | | P | | | | | | |

20d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Scoresbysund, JMD0 Jabal Madar, UOSS Minazif, etc.

2014 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like Camas Ranch, FFF Flin Flon, KOPR Koprukey-ERZUR, etc.

954

Table with columns for station name, frequency, power, and other technical details. Includes stations like MZR SNR=32, SVAN Silvan-Diyarba, PAGB Antelope Grade, etc.

| | | | | | | |
|-------|--------------------------------------------|-------|-----|---------|---------|-----------------|
| HOMB | Homborsund | 76.87 | 337 | eP | P | 09 41 45.8 +0.2 |
| HOMB | Homborsund | 76.87 | 337 | iP | P | 09 41 45.8 +0.2 |
| HOMB | HOMB | | | | Iamb | 09 41 51.7 |
| | comp=Z,3.8nm,0.5s | | | | | |
| HWUT | Hardware Ranch | 76.87 | 47 | P | P | 09 41 47.5 +1.2 |
| SNCC | San Nicolas Is | 76.89 | 58 | P | P | 09 41 47.1 +0.9 |
| DOK | Doka | 76.92 | 283 | P | P | 09 41 46.2 -0.4 |
| DOK | SNR=9.1 | | | | P | 09 41 46.2 -0.4 |
| EDW2 | Edwards Air Fo | 76.94 | 56 | P | P | 09 41 47.6 +1.0 |
| DUG | Dugway, Tooele | 77.00 | 49 | P | P | 09 41 48.3 +1.3 |
| DUG | Dugway, Tooele | 77.00 | 49 | P | P | 09 41 48.3 +1.3 |
| DUG | comp=Z,173nm,1.3s | | | | pmax | |
| DUG | Dugway, Tooele | 77.00 | 49 | P | Iamb | 09 41 48.2 +1.3 |
| BZK | Bozkurt | 77.02 | 313 | iP | P | 09 41 47.4 +0.6 |
| DECC | Green Verdugo | 77.09 | 57 | P | P | 09 41 47.8 +0.4 |
| LVV | L'vov | 77.09 | 324 | eS | S | 09 41 47.3 +0.2 |
| LVV | L'vov | | | e | S | 09 51 32.3 -0.4 |
| LVV | L'vov | | | e | S | 09 52 09.0 |
| LVV | comp=Z,160nm,1.5s | | | | pmax | pmax |
| LVV | comp=N,6um,17.0s | | | | MLR | MLR |
| LVV | comp=E,5um,17.0s | | | | MLR | MLR |
| LVV | comp=Z,8um,17.0s | | | | MLR | MLR |
| BSD | Bornholm Skovb | 77.11 | 332 | iP | P | 09 41 47.5 +0.4 |
| BSD | BSD | | | | pmax | pmax |
| BSD | comp=Z,3.0nm,0.4s | | | | MLR | MLR |
| BSD | Bornholm, 18.0s | | | | P | 09 41 47.5 +0.4 |
| BSD | Bornholm Skovb | 77.11 | 332 | iP | P | 09 41 47.5 +0.4 |
| BSD | comp=Z,3.2nm,0.4s | | | | P | 09 41 47.5 +0.4 |
| BSD | comp=Z,6um,18.0s | | | | Iamb | Iamb |
| BSD | Bornholm Skovb | 77.11 | 332 | eP | P | 09 41 46.1 -0.9 |
| BSD | BSD | | | | P | 09 41 47.5 +0.4 |
| BSD | BSD | | | | Iamb | Iamb |
| BSD | comp=Z,3.2nm,0.4s | | | | IAMS_20 | IAMS_20 |
| BSD | comp=Z,6um,17.6s | | | | IAMS_20 | IAMS_20 |
| BEL | Belsk | 77.14 | 327 | iP | P | 09 41 48.5 +1.2 |
| IAS | Iasi | 77.15 | 320 | eP | P | 09 41 47.6 +0.2 |
| SNART | Snartemo | 77.22 | 337 | eP | P | 09 41 48.2 +0.6 |
| SNART | Snartemo | 77.22 | 337 | iP | P | 09 41 48.2 +0.6 |
| SNART | SNART | | | | Iamb | Iamb |
| SNART | SNART | | | | Iamb | Iamb |
| BORG | Borgarnes | 77.24 | 353 | LR | LR | 10 16 55.4 |
| TCUT | Toone Canyon | 77.27 | 48 | P | P | 09 41 49.9 +1.3 |
| MWC | Mount Wilson | 77.29 | 57 | P | P | 09 41 49.9 +1.1 |
| MWC | MWC | | | | pmax | pmax |
| MWC | comp=Z,179nm,1.4s | | | | P | 09 41 49.9 +1.1 |
| MWC | Mount Wilson | 77.29 | 57 | P | Iamb | 09 42 02.0 |
| BW06 | Boulder Array | 77.30 | 46 | P | P | 09 41 49.1 +0.4 |
| BW06 | Boulder Array | 77.30 | 46 | P | P | 09 41 49.3 +0.6 |
| BW06 | BW06 | | | | IAMS_20 | IAMS_20 |
| PD31 | Pinedale Array | 77.30 | 46 | P | P | 09 41 49.3 +0.6 |
| PDAR | Pinedale Array | 77.30 | 46 | P | P | 09 41 49.1 +0.5 |
| PDAR | comp=Z,5.8nm,0.6s,baz=27.4,slow=1.8,SNR=64 | | | | LR | LR |
| PRN | Pahroc Range | 77.33 | 53 | P | P | 09 41 50.2 +1.4 |
| PRN | PRN | | | | Iamb | Iamb |
| CTU | Camp Tracy | 77.33 | 48 | P | P | 09 41 50.0 +1.2 |
| PSUT | Pine Spring | 77.39 | 51 | P | P | 09 41 50.4 +1.1 |
| VASR | Vaslui | 77.40 | 320 | iP | P | 09 41 49.9 +1.0 |
| FMP | Fort Macarthur | 77.44 | 57 | P | P | 09 41 49.9 +0.6 |
| SHOC | Shoshone, Teco | 77.46 | 54 | P | P | 09 41 49.9 +0.5 |
| GSC | Goldstone, Bar | 77.47 | 55 | P | P | 09 41 50.0 +0.4 |
| GSC | Goldstone, Bar | 77.47 | 55 | P | P | 09 41 50.4 +0.8 |
| GSC | GSC | | | | pmax | pmax |
| GSC | comp=Z,120nm,1.3s | | | | P | 09 41 50.4 +0.8 |
| GSC | Goldstone, Bar | 77.47 | 55 | P | Iamb | 09 42 04.8 |
| BFSG | Mount Baldy Ra | 77.55 | 56 | P | P | 09 41 50.5 +0.4 |
| JLU | Jordanelle | 77.56 | 48 | P | P | 09 41 51.5 +1.3 |
| RRX | Edison Barstow | 77.56 | 56 | P | P | 09 41 51.0 +0.7 |
| SC12 | San Clemente I | 77.71 | 58 | P | P | 09 41 51.4 +0.6 |
| ILGA | Ilgaz | 77.76 | 313 | P | P | 09 41 52.6 +1.3 |
| ILGA | ILGA | | | | Iamb | Iamb |
| ILGA | comp=Z,197nm,1.2s | | | | IAMS_20 | IAMS_20 |
| ILGA | ILGA | | | | IAMS_20 | IAMS_20 |
| CORM | Corum | 77.77 | 311 | P | P | 09 41 52.4 +1.2 |
| SARI | Sard'iz-Kayseri | 77.78 | 309 | P | P | 09 41 52.6 +1.2 |
| SHPR | Shpr Deep Range | 77.81 | 53 | P | P | 09 41 52.8 +1.3 |
| SHPR | SHPR | | | | Iamb | Iamb |
| SHPR | comp=Z,150nm,1.2s | | | | IAMS_20 | IAMS_20 |
| KURC | Kurucasil-Bar | 77.82 | 314 | P | P | 09 41 51.0 -0.3 |
| MPU | Maple Canyon | 77.82 | 49 | P | P | 09 41 52.8 +1.2 |
| TLCR | Talcahuano | 77.83 | 318 | iP | P | 09 41 51.8 +0.6 |
| KWP | Kalwaria Pacla | 77.84 | 324 | eP | P | 09 41 52.3 +1.1 |
| KWP | Kalwaria Pacla | 77.84 | 324 | P | P | 09 41 52.4 +1.1 |
| KWP | KWP | | | | pmax | pmax |
| KWP | comp=Z,290nm,1.1s | | | | MLR | MLR |
| KWP | comp=Z,6um,18.0s | | | | MLR | MLR |
| MND | Madnock | 77.84 | 324 | P | P | 09 41 52.4 +1.1 |
| BNN | Bunyan | 77.86 | 310 | P | P | 09 41 52.7 +1.0 |
| BBRC | Big Bear Solar | 78.02 | 56 | P | P | 09 41 53.6 +0.7 |
| BUR08 | Bucovina Ar. S | 78.03 | 322 | P | P | 09 41 53.1 +0.6 |
| BUR08 | BUR08 | | | | Iamb | Iamb |
| BURAR | Bucovina Array | 78.04 | 322 | iP | P | 09 41 53.3 +0.8 |
| GAZ | Gaziantep | 78.05 | 308 | P | P | 09 41 54.1 +1.4 |
| GAZ | Gaziantep | 78.05 | 308 | P | P | 09 41 54.0 +1.2 |
| GAZ | GAZ | | | | IAMS_20 | IAMS_20 |
| GAZ | comp=Z,4um,19.0s | | | | | |
| BIZ | Bicaz | 78.06 | 321 | iP | P | 09 41 53.3 +0.7 |
| HEC | Hector,Ludlow | 78.07 | 55 | P | P | 09 41 53.7 +0.8 |
| TESR | Tescani | 78.07 | 320 | iP | P | 09 41 53.1 +0.5 |
| JURR | Jurilovca | 78.07 | 318 | iP | P | 09 41 53.2 +0.6 |
| CANT | Cankiri | 78.09 | 312 | P | P | 09 41 53.9 +1.0 |
| MUD | Monsted U'grnd | 78.11 | 335 | eP | P | 09 41 51.2 -1.4 |
| MUD | MUD | | | | MLR | MLR |
| MUD | comp=Z,10um,17.0s | | | | | |
| MUD | Monsted U'grnd | 78.11 | 335 | P | P | 09 41 51.2 -1.4 |
| MUD | MUD | | | | IAMS_20 | IAMS_20 |
| MUD | comp=Z,10um,17.4s | | | | | |
| RGH | Rugen | 78.14 | 332 | eP | P | 09 41 53.5 +0.7 |
| RGH | RGH | | | | eP | eP |
| RGH | baz=37,slow=5.2 | | | | pP | 09 42 05.8 +0.3 |
| NUUK | Nuuk | 78.15 | 6 | iP | P | 09 41 53.4 +0.7 |
| NUUK | NUUK | | | | Iamb | Iamb |
| CFR | Carcailou | 78.19 | 318 | iP | P | 09 41 53.5 +0.2 |
| OUZ | Omahuta | 78.20 | 154 | IAMS_20 | IAMS_20 | 10 17 12.7 |
| TCRU | Three Creeks R | 78.21 | 50 | P | P | 09 41 55.6 +1.7 |
| MURC | Murrieta | 78.24 | 57 | P | P | 09 41 54.5 +0.7 |
| TPGR | Topolog | 78.25 | 318 | iP | P | 09 41 54.3 +0.6 |
| CCUT | Cedar City | 78.30 | 52 | P | P | 09 41 55.6 +1.3 |
| MVU | Marysville | 78.42 | 50 | P | P | 09 41 56.6 +1.6 |
| MSU | Marysville | 78.44 | 50 | P | P | 09 41 56.8 +1.7 |
| MSU | Marysville | 78.44 | 50 | P | P | 09 41 56.8 +1.7 |
| SZCU | Shurtz Canyon | 78.44 | 51 | P | P | 09 41 56.2 +1.1 |

| | | | | | | |
|-------|-----------------------------------------|-------|-----|----|---------|-----------------|
| VRI | Vrincioiaia | 78.47 | 320 | iP | P | 09 41 55.6 +0.8 |
| PLOR | Plostina | 78.52 | 320 | iP | P | 09 41 55.6 +0.5 |
| TIRR | Tiriguro | 78.52 | 318 | iP | P | 09 41 55.6 +0.5 |
| TIRR | Tiriguro | 78.52 | 318 | iP | P | 09 41 55.6 +0.5 |
| TIRR | TIRR | | | | P | 09 41 55.4 +0.3 |
| TIRR | comp=Z,351nm,1.4s | | | | pmax | pmax |
| TIRR | comp=Z,26um,19.0s | | | | MLR | MLR |
| TMUT | Trail Mountain | 78.52 | 318 | P | P | 09 41 55.4 +0.3 |
| GMRC | Granite Mounta | 78.53 | 55 | P | P | 09 41 56.8 +1.1 |
| KOLS | Kolonickic sedl | 78.53 | 324 | eP | P | 09 41 55.8 +0.7 |
| KOLS | KOLS | | | | pmax | pmax |
| KOLS | Kolonickic sedl | 78.53 | 324 | eP | P | 09 41 55.8 +0.7 |
| KOLS | KOLS | | | | L | 10 20 05.6 |
| HARR | Harsova | 78.63 | 318 | iP | P | 09 41 56.4 +0.7 |
| BR131 | Reskin Array S | 78.64 | 312 | P | P | 09 41 56.3 +0.3 |
| BR131 | BR131 | | | | pmax | pmax |
| BR131 | comp=Z,135nm,1.2s | | | | Iamb | Iamb |
| BR131 | Reskin Array S | 78.64 | 312 | P | P | 09 41 56.3 +0.3 |
| BR131 | BR131 | | | | Iamb | Iamb |
| BRTR | comp=Z,135nm,1.2s | | | | P | 09 41 56.4 +0.2 |
| BRTR | Reskin Array S | 78.64 | 312 | P | P | 09 41 56.3 +0.3 |
| BRTR | comp=Z,44nm,1.1s,baz=98,slow=3.7,SNR=47 | | | | LR | LR |
| BRTR | BRTR | | | | LR | 10 21 15.5 |
| TLBR | Topal | 78.65 | 318 | iP | P | 09 41 56.7 +0.8 |
| BISRR | Bisoca | 78.69 | 319 | iP | P | 09 41 57.6 +1.4 |
| P17A | Butcher Creek | 78.70 | 49 | P | P | 09 41 57.8 +1.4 |
| LCMT | Little Ranch M | 78.71 | 52 | P | P | 09 41 57.8 +1.3 |
| KOZT | Kozan | 78.72 | 309 | P | P | 09 41 57.3 +0.9 |
| PFO | Pinyon Flats O | 78.72 | 56 | eP | P | 09 41 57.1 +0.5 |
| PFO | PFO | | | | pmax | pmax |
| PFO | Pinyon Flats O | 78.72 | 56 | eP | P | 09 41 56.7 +0.1 |
| PFO | PFO | | | | pmax | pmax |
| PFO | comp=Z,57nm,1.5s | | | | Iamb | Iamb |
| PFO | Pinyon Flats O | 78.72 | 56 | P | P | 09 41 57.8 +1.2 |
| PFO | PFO | | | | Iamb | Iamb |
| PFO | comp=Z,173nm,1.4s | | | | P | 09 41 58.9 +1.8 |
| MTPU | Mount Pierson | 78.72 | 51 | P | P | 09 41 57.1 +0.5 |
| TPFO | Pinyon Flats | 78.73 | 56 | P | P | 09 41 57.1 +0.5 |
| 109C | comp=Z,308nm,1.2s | | | | P | 09 41 57.1 +0.7 |
| 109C | Camp Elliot, M | 78.73 | 57 | P | P | 09 41 57.7 +1.2 |
| 109C | 109C | | | | Iamb | Iamb |
| 109C | 109C | | | | Iamb | Iamb |
| 109C | comp=Z,136nm,1.3s | | | | IAMS_20 | IAMS_20 |
| 109C | 109C | | | | IAMS_20 | IAMS_20 |
| 109C | comp=Z,3um,20.0s | | | | | |
| UZH | Uzhgorod | 78.74 | 324 | eP | P | 09 41 56.1 -0.1 |
| UZH | UZH | | | | e | 09 42 09.3 |
| UZH | UZH | | | | e | 09 42 15.7 |
| UZH | UZH | | | | eS | 09 51 48.1 -2.3 |
| UZH | UZH | | | | ePS | 09 52 37.5 +1.2 |
| UZH | UZH | | | | MLR | MLR |
| UZH | comp=N,2um,16.0s | | | | MLR | MLR |
| UZH | UZH | | | | MLR | MLR |
| UZH | comp=E,2um,16.0s | | | | MLR | MLR |
| OJC | Ojcow | 78.74 | 326 | eP | P | 09 41 57.1 +0.9 |
| OJC | Ojcow | 78. | | | | |

20d 9h

Table with columns for call sign, name, frequency, mode, and status. Includes stations like N23A, PV11, PV05, etc.

2014 DEC

Table with columns for call sign, name, frequency, mode, and status. Includes stations like PRU, EDRB, BZDS, etc.

956

Table with columns for call sign, name, frequency, mode, and status. Includes stations like ROTZ, Q24A, Q24A, etc.

20d 9h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like WMOK, W40A, SSB, and others.

2014 DEC

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like FVM, U40A, E59A, and others.

958

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like PARMO, G60A, H58A, and others.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like 061Z Ochopji, TAM Tamnasset, PMOZ Porto Aniz, etc.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like PSGC Pisagua, PSGCX Pisagua, PSGCY Pisagua, etc.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like JKMT Kesenumatomoy, JOFO Osakifurukawo, JMOF Minamisumatomoc, etc.

BJJ 20 09:49:54.01, 1.0, 38.18N; 142.02E, h53km, mB5.27, mb4.735, Ms4.6/5, Ms7.4/5
MOS 20 09:49:52.5, 1.1, 38.18N; 141.176E, h49km, mb4.9/28, Error ellipse: s-maj=7.7km s-min=5.1km s-az=94.9
JMA 20 09:49:54.0, 1.0, 38.18N; 141.688E, h51km, 1km, M4.4
JMA Felt II J1.
NIED 20 09:49:54.6, 38.18N; 141.68E, h51km, MW4.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Ms=2.9; Mbb-1.77; Mss-3.52; Mss-1.59; Mss-0.24; Mss-2.90; Fault plane solution: Ms=5.490000x10^15 NP1: 30.000000, 663.000000, 196.000000; NP2: 187.000000, 327.000000, 176.000000
NEIC 20 09:49:55.4, 1.6, 38.15N; 150.015; 141.62E, h55km, 6km, mb4.8/46 Error ellipse: s-maj=9.7km s-min=7.1km s-az=125.0
IDC 20 09:49:56.7, 0.6, 38.15N; 141.63E, h69km, mb4.0/30, mb1.4/237, mb1mx4.0/66, mbmp4.3/37, Error ellipse: s-maj=12.8km s-min=10.2km s-az=111.0
ISC 20 09:49:54.0, 0.4, 38.17N; 140.003; 141.76E, h47km, 3km, h48km; pp-P, n196, 0.196/1227, mb4.6/77, 7C-9D, Near east coast of eastern Honshu
Code Station Name Az Az2 Phase ID Time Res
ISC H S H S
JIKH Ishinomaki 207 302 P Pn 09 50 03.1 +0.5
JIKH S S Pn 09 50 09.0 +0.3
JIKH S S Pn 09 50 04.6 +0.4
JIO S S Sn 09 50 11.4 -0.1

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WAKE ISLAND, Lanzhou, Guiyang, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRAB, WRA, KIRV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TOO, YNG, MOO, etc.

20d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CHTO Chiang Mai, CHTO Chiang Mai, LSA Lhasa, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BRZS Gorkha, GKN Gorkha, ULHL Ulahol, etc.

964

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, WRAB Tennant Creek, etc.

20k 12h

Table with columns: BKZ, Black Stump Fm, 9.06 201, P, P, 12 14 27.4 +2.1, etc.

12C 20 12:35:26.0,3.2,31.147S:67.70W, h39km, 27km, MS3.1/1, mb1 3.9/7, mb1mx3.6/4.1, mbtmp3.9/7, ML3.9/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/2.7, Error ellipse: s-maj=44.1km s-min=23.6km az=107.

ISC 20 12:35:25.0,0.9,31.14S:01x67.7W:0.2, h29km, n10, r1528/10, mb4.1/3, SNR=4.5

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

12C 20 12:37:27.6,0.7,11.714N:86.58W, h0km, mb4.4/14, mb1 4.6/17, mb1mx4.3/5.3, mbtmp4.4/17, ML3.5/3, MS3.7/9, Ms1 3.7/9, ms1mx3.4/4.7, Error ellipse: s-maj=31.5km s-min=12.2km az=52.0.

INET 20 12:37:27.9, 10.98N:87.23W, h30km, ML 4.2, MW 4.4 UCR 20 12:37:31.6, 11.133N:87.00W, h36km, 999km, ML 3.7, MW 4.7, mb4.8(NEIC)

NEIC 20 12:37:32.9, 1.5, 11.38N:0.06:86.95W:0.06, h45km, 6km, mb4.8/252, Error ellipse: s-maj=9.8km s-min=6.9km az=213.0

SNET 20 12:37:36.5, 1.1, 11.69N:87.43W, h12km, 76km, ML3.8 ISC 20 12:37:29.9, 0.7, 11.33N:0.06:87.04W:0.06, h2km, 2.6km, n535, r1510/542, mb4.8/120, MS3.9/6, Near coast of Nicaragua

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

2012 DEC

Table with columns: HDC Heredia, 3.16 114, Pn, Pn, 12 38 21.9 +3.4, etc.

966

Table with columns: Y58A Scranton, 23.46 16, P, P, 12 42 37.9 +0.1, etc.

| | | | | | | | |
|-------|------------------|-------|-----|---|-----|------------|------|
| U57A | baz=202 | 25.94 | 14 | P | P | 12 43 00.7 | 0.0 |
| OK030 | Blanch | 26.03 | 342 | P | P | 12 43 00.4 | -1.1 |
| BC0K | Cody Creek RV | 26.05 | 340 | I | P | 12 43 01.7 | 0.0 |
| BC0K | Bluff Creek, N | | | I | Amb | 12 43 02.2 | |
| OK031 | comp=Z,25nm,0.8s | 26.07 | 342 | P | P | 12 43 00.9 | -1.0 |
| OK031 | S. Brethren Rd | | | I | Amb | 12 43 02.3 | |
| U58A | comp=Z,24nm,0.8s | 26.11 | 16 | P | P | 12 43 02.1 | -0.1 |
| U58A | Oxford | | | P | P | 12 43 01.7 | -0.8 |
| MGMO | Mountain Grove | 26.14 | 350 | P | P | 12 43 03.5 | -0.3 |
| U59A | Littleton | 26.27 | 17 | P | P | 12 43 03.5 | -0.7 |
| S44A | Carbondale | 26.32 | 356 | P | P | 12 43 04.5 | |
| S44A | | | | I | Amb | 12 43 04.5 | |
| SIUC | comp=Z,23nm,0.8s | 26.34 | 356 | P | P | 12 43 03.6 | -0.7 |
| SIUC | Southern Illin | | | I | Amb | 12 43 04.7 | |
| T56A | comp=Z,22nm,0.9s | 26.35 | 13 | P | P | 12 43 04.6 | +0.1 |
| T56A | Rocky Mt | | | P | P | 12 43 04.7 | +0.1 |
| SS1A | Beattyville | 26.38 | 6 | P | P | 12 43 04.7 | +0.1 |
| MNTX | Cornudas Mount | 26.41 | 323 | P | P | 12 43 04.9 | -0.2 |
| MNTX | baz=136,SNR=5.2 | | | P | P | 12 43 05.3 | +0.2 |
| BLA | Cornudas Mount | 26.41 | 323 | P | P | 12 43 05.4 | 0.0 |
| BLA | Blacksburg | 26.45 | 12 | P | P | 12 43 06.0 | +0.7 |
| T57A | Hurt | 26.45 | 14 | P | P | 12 43 05.6 | -0.2 |
| T57A | baz=197,SNR=5.6 | | | P | P | 12 43 06.3 | +0.6 |
| U60A | Hurt | 26.50 | 14 | P | P | 12 43 06.2 | -0.2 |
| U60A | Pendleton | 26.57 | 18 | P | P | 12 43 06.6 | -0.3 |
| T58A | Grand View Acr | 26.63 | 15 | P | P | 12 43 07.6 | -0.5 |
| T58A | baz=199,SNR=5.2 | | | P | P | 12 43 08.0 | 0.0 |
| MSTX | Muleshoe | 26.73 | 330 | P | P | 12 43 08.1 | -0.3 |
| MSTX | baz=144,SNR=11 | | | P | P | 12 43 07.6 | -0.8 |
| WCI | Wyandotte Cave | 26.79 | 1 | P | P | 12 43 08.3 | |
| WCI | Wyandotte Cave | | | I | Amb | 12 43 08.3 | |
| S39A | comp=Z,16nm,0.8s | 26.85 | 349 | P | P | 12 43 08.3 | -0.6 |
| S39A | Bolivar | | | I | Amb | 12 43 09.4 | |
| CCM | comp=Z,24nm,0.8s | 26.88 | 353 | P | P | 12 43 08.7 | -0.4 |
| CCM | Cathedral Cave | | | P | P | 12 43 08.5 | -0.7 |
| CCM | Cathedral Cave | 26.88 | 353 | P | P | 12 43 09.6 | |
| CCM | baz=171 | | | I | Amb | 12 43 08.8 | -0.7 |
| T59A | comp=Z,19nm,1.1s | 26.92 | 17 | P | P | 12 43 10.1 | +0.6 |
| T59A | Double "B" Far | | | P | P | 12 43 09.3 | -0.5 |
| R50A | Double "B" Far | 26.92 | 17 | P | P | 12 43 11.3 | |
| R50A | Paris | 26.95 | 5 | P | P | 12 43 10.5 | +0.4 |
| AMTX | Amarillo | 26.97 | 333 | P | P | 12 43 10.9 | -0.1 |
| S56A | Natural Bridge | 27.08 | 10 | P | P | 12 43 13.0 | +1.0 |
| U32A | Winter Ranch, | 27.18 | 339 | P | P | 12 43 13.0 | +1.0 |
| U32A | | | | I | Amb | 12 43 23.7 | |
| R40A | comp=Z,24nm,0.8s | 27.25 | 351 | P | P | 12 43 11.4 | -1.1 |
| R40A | Maddies Station | | | P | P | 12 43 12.6 | -0.2 |
| R54A | Victor | 27.28 | 10 | P | P | 12 43 12.6 | -0.3 |
| R54A | baz=193 | | | P | P | 12 43 12.6 | -0.3 |
| S57A | Dark Hollow, R | 27.30 | 14 | P | P | 12 43 12.8 | -0.2 |
| S57A | baz=197 | | | I | Amb | 12 43 13.4 | |
| OLIL | Olney | 27.30 | 358 | P | P | 12 43 13.7 | 0.0 |
| OLIL | | | | I | Amb | 12 43 13.8 | -1.1 |
| S58A | comp=Z,17nm,0.9s | 27.38 | 16 | P | P | 12 43 14.9 | |
| S58A | Poland Farm, P | | | P | P | 12 43 15.3 | +0.1 |
| Q44A | baz=199 | | | I | Amb | 12 43 15.7 | +0.5 |
| Q44A | Meyer Farm, Va | 27.51 | 357 | P | P | 12 43 17.4 | |
| Q44A | | | | I | Amb | 12 43 17.4 | |
| R55A | comp=Z,26nm,0.9s | 27.54 | 12 | P | P | 12 43 16.2 | -0.6 |
| R55A | Marlington | | | P | P | 12 43 17.0 | |
| R55A | baz=195,SNR=6.9 | | | I | Amb | 12 43 17.1 | 0.0 |
| BLO | comp=Z,17nm,0.8s | 27.73 | 1 | P | P | 12 43 17.6 | +0.4 |
| BLO | Bloomington | | | I | Amb | 12 43 17.5 | -0.2 |
| BLO | | | | P | P | 12 43 18.3 | +0.5 |
| Q51A | comp=Z,28nm,0.9s | 27.75 | 9 | P | P | 12 43 17.8 | -0.1 |
| Q51A | Leroy | | | P | P | 12 43 18.3 | -1.3 |
| R56A | baz=191 | | | P | P | 12 43 20.3 | |
| R56A | Stanardsville | 27.91 | 14 | P | P | 12 43 18.3 | -1.3 |
| R56A | baz=198 | | | I | Amb | 12 43 20.3 | |
| Q52A | comp=Z,16nm,0.7s | 28.09 | 10 | P | P | 12 43 18.3 | -1.3 |
| Q52A | Milroy | | | I | Amb | 12 43 21.2 | |
| Q52A | Coxs Mills | 28.09 | 10 | P | P | 12 43 20.3 | -0.3 |
| Q52A | | | | I | Amb | 12 43 21.2 | |
| P49A | comp=Z,16nm,0.8s | 28.16 | 4 | P | P | 12 43 21.5 | 0.0 |
| P49A | Miami Univ, Ec | | | P | P | 12 43 21.5 | 0.0 |
| P49A | baz=185,SNR=6.4 | | | I | Amb | 12 43 22.8 | |
| P49A | Miami Univ, Ec | 28.16 | 4 | P | P | 12 43 24.8 | +1.2 |
| P49A | | | | I | Amb | 12 43 26.6 | +3.0 |
| P51A | comp=Z,18nm,0.8s | 28.26 | 7 | P | P | 12 43 24.1 | +0.7 |
| P51A | Williamsport | | | P | P | 12 43 24.5 | +0.5 |
| P51A | | | | I | Amb | 12 43 25.0 | 0.0 |
| 121A | comp=Z,16nm,1.0s | 28.45 | 321 | P | P | 12 43 23.9 | +0.3 |
| 121A | Cookes Peak, D | | | P | P | 12 43 23.5 | 0.0 |
| 121A | baz=139 | | | P | P | 12 43 25.0 | 0.0 |
| Q56A | comp=Z,21nm,0.8s | 28.47 | 13 | P | P | 12 43 25.0 | 0.0 |
| Q56A | Snyder Ridge, | | | I | Amb | 12 43 23.9 | +0.3 |
| Q56A | baz=196,SNR=7.8 | | | P | P | 12 43 25.0 | 0.0 |
| P53A | comp=Z,29nm,0.8s | 28.48 | 9 | P | P | 12 43 23.5 | 0.0 |
| P53A | Whipple | | | I | Amb | 12 43 23.9 | +0.3 |
| P53A | | | | P | P | 12 43 25.0 | 0.0 |
| P52A | comp=Z,19nm,0.8s | 28.52 | 8 | P | P | 12 43 23.8 | 0.0 |
| P52A | Corning | | | P | P | 12 43 23.8 | 0.0 |
| P52A | baz=190,SNR=13 | | | I | Amb | 12 43 25.0 | 0.0 |
| Q57A | comp=Z,21nm,0.8s | 28.52 | 8 | P | P | 12 43 25.0 | 0.0 |
| Q57A | Strasburg | | | P | P | 12 43 25.0 | 0.0 |
| Q57A | baz=198 | | | I | Amb | 12 43 25.0 | 0.0 |
| Q58A | comp=Z,21nm,0.8s | 28.73 | 15 | P | P | 12 43 24.8 | 0.0 |
| Q58A | Fox Den Farm, | | | P | P | 12 43 24.8 | 0.0 |
| Q58A | baz=199 | | | I | Amb | 12 43 26.2 | -1.4 |
| P38A | comp=Z,20nm,0.9s | 28.76 | 350 | P | P | 12 43 26.0 | -0.7 |
| P38A | Dawn | | | I | Amb | 12 43 27.6 | |
| Q49A | comp=Z,20nm,0.9s | 28.84 | 4 | P | P | 12 43 27.4 | 0.0 |
| Q49A | Covington | | | I | Amb | 12 43 27.6 | |
| MCWV | comp=Z,20nm,0.9s | 28.92 | 12 | P | P | 12 43 27.5 | -0.1 |
| MCWV | Mont Chateau | | | P | P | 12 43 28.5 | +0.1 |
| MCWV | baz=194 | | | I | Amb | 12 43 28.5 | +0.1 |
| KSU1 | comp=Z,15nm,0.8s | 28.94 | 344 | P | P | 12 43 28.5 | +0.1 |
| KSU1 | Kansas State U | | | P | P | 12 43 28.5 | +0.1 |
| KSU1 | baz=160 | | | I | Amb | 12 43 29.5 | 0.0 |
| P56A | comp=Z,23nm,0.8s | 29.01 | 6 | P | P | 12 43 29.5 | 0.0 |
| P56A | Alum Creek Sta | | | P | P | 12 43 28.5 | +0.1 |
| P56A | baz=188,SNR=8.6 | | | I | Amb | 12 43 28.5 | +0.1 |
| ACSO | comp=Z,35nm,1.1s | 29.01 | 6 | P | P | 12 43 28.5 | +0.1 |
| ACSO | Alum Creek Sta | | | I | Amb | 12 43 28.5 | +0.1 |
| ACSO | baz=188,SNR=8.6 | | | P | P | 12 43 28.5 | +0.1 |
| O52A | comp=Z,23nm,0.8s | 29.04 | 8 | P | P | 12 43 28.5 | +0.1 |
| O52A | Adamsville | | | I | Amb | 12 43 28.5 | +0.1 |
| P57A | comp=Z,19nm,0.8s | 29.16 | 14 | P | P | 12 43 29.0 | -0.5 |
| P57A | Homestead Farm | | | P | P | 12 43 29.0 | -0.5 |
| P57A | baz=198,SNR=7.5 | | | I | Amb | 12 43 31.6 | |
| HDIL | comp=Z,19nm,0.8s | 29.18 | 356 | P | P | 12 43 29.3 | -0.3 |
| HDIL | Hopedale | | | P | P | 12 43 29.3 | -0.3 |
| HDIL | baz=175,SNR=6.8 | | | I | Amb | 12 43 29.1 | -0.6 |
| HDIL | Hopedale | 29.18 | 356 | P | P | 12 43 30.1 | |
| HDIL | | | | I | Amb | 12 43 30.1 | |
| O54A | comp=Z,26nm,0.9s | 29.33 | 10 | P | P | 12 43 30.9 | -0.2 |
| O54A | Avella | | | I | Amb | 12 43 32.4 | |

| | | | | | | | |
|------|----------------------|-------|-----|---|-----|------------|------|
| P58A | Pank, Wackersw | 29.35 | 15 | P | P | 12 43 30.5 | -0.7 |
| P58A | baz=200 | | | P | P | 12 43 31.3 | -0.3 |
| SDMD | Soldier's Deli | 29.40 | 16 | P | P | 12 43 33.6 | +1.6 |
| SDMD | Albuquerque | 29.41 | 326 | P | P | 12 43 32.1 | +0.1 |
| SDMD | comp=Z,1.8nm,0.8s,ba | | | P | P | 12 43 32.9 | +0.9 |
| ANMO | Albuquerque | 29.41 | 326 | P | P | 12 43 33.1 | -0.2 |
| ANMO | baz=138 | | | P | P | 12 43 34.5 | +0.2 |
| N49A | Albuquerque | 29.58 | 4 | P | P | 12 43 34.1 | -0.7 |
| P59A | Jarrettsville | 29.70 | 17 | P | P | 12 43 35.2 | |
| P59A | baz=201 | | | I | Amb | 12 43 35.3 | +0.2 |
| N51A | comp=Z,14nm,0.8s | 29.78 | 13 | P | P | 12 43 35.9 | +0.8 |
| N51A | Ashland | 29.75 | 7 | P | P | 12 43 37.9 | |
| N51A | Blue Knob Stat | | | I | Amb | 12 43 35.0 | -0.6 |
| O56A | comp=Z,12nm,0.8s | 29.85 | 351 | P | P | 12 43 36.9 | |
| O56A | Jose South For | | | I | Amb | 12 43 35.8 | 0.0 |
| O56A | Libson | 29.86 | 9 | P | P | 12 43 36.8 | +0.4 |
| O56A | comp=Z,197,SNR=5.0 | | | P | P | 12 43 38.0 | +0.7 |
| O56A | Blue Knob Stat | 29.78 | 13 | P | P | 12 43 39.0 | +0.3 |
| O56A | | | | I | Amb | 12 43 39.8 | +0.8 |
| N38A | comp=Z,12nm,0.8s | 29.85 | 351 | P | P | 12 43 40.0 | |
| N38A | Jose South For | | | I | Amb | 12 43 38.1 | -0.3 |
| N38A | comp=Z,12nm,0.8s | 29.86 | 9 | P | P | 12 43 37.8 | -0.6 |
| N38A | Libson | 29.84 | 15 | P | P | 12 43 39.0 | +0.3 |
| N53A | comp=Z,12nm,0.8s | 29.86 | 9 | P | P | 12 43 39.0 | +0.3 |
| N53A | Libson | 29.84 | 15 | P | P | 12 43 40.0 | +0.5 |
| O57A | Amberson | 29.94 | 16 | P | P | 12 43 40.8 | +0.1 |
| O57A | WJ Miller and | | | P | P | 12 43 41.0 | -0.1 |
| O58A | Lewisberry | 30.08 | 332 | P | P | 12 43 41.0 | -0.2 |
| O58A | baz=199</ | | | | | | |

20d 12h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

IDC 20 12:37:34.9, 1.3, 34.26N, 25.07E, h0km, mb4, 1/3, mb1 3.9/8, mb1mx3.6/56, mbtmp3.8/8, ML3.9/5, Error ellipse: s-maj=23.4km s-min=19.1km az=74.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

2014 DEC

Table with columns: LAST, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

REY 20 12:40:52.3, 64.66N, 17.40W, h4km, IDC 20 12:40:52.3, 64.66N, 17.40W, h0km, mb3.9/14, mb1 4.1/19, mb1mx3.6/3, mbtmp3.9/19, ML2.7/4, MS3.6/9, Ms1 3.6/9, ms1mx3.2/53, Error ellipse: s-maj=19.2km s-min=9.5km az=19.0

MOS 20 12:40:54.3, 1.4, 64.66N, 17.32W, h10km, mb4.6/22, Error ellipse: s-maj=13.9km s-min=9.4km az=106.6

NEIC 20 12:40:56.2, 1.7, 64.64N, 10.172W, 0.2, h9km, 4km, mb4.6/42, Error ellipse: s-maj=14.9km s-min=9.8km az=206.0

ISC 20 12:40:54.9, 0.4, 64.67N, 0.02, 17.38W, 0.02, h10km, n162, #242/156, mb4.3/59, MS3.6/5, 7C-2D, Iceland

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like AKH Alkhalakaki, AKBK Abkarak array, TIXI Tiksi, etc.

INET 20 12:45:24.9, 10.118N, 88.50W, h31km, ML3.6, MW3.7
UCR 20 12:45:39.4, 2.3, 11.35N, 97.70W, h20km, mb2.4 (NEIC)
IDC 20 12:45:46.2, 1.1, 90N, 86.44W, h0km, mb3.6/2, Error ellipse: s-maj=45.0km s-min=19.6km az=52.0

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like GBS3 Finca Las Img, LAPC Finca la Perla, GB1A Borinquen Arri, etc.

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like TGUHU Tegucigalpa, UN Heredia, HNC Serv Nac Est T, etc.

JMA 20 12:50:52.0, 2.0, 24.84N, 122.41E, h0km, 3km, M2.8
TAP 20 12:50:53.1, 24.88N, 122.45E, h11km, ML2.9, C
ISC 20 12:50:52.9, 1.0, 24.86N, 122.43E, h10km, 9km, n46, c0.45/79, Taiwan region

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like Code Station Name, Az, El, P, H, Time, Res. Includes stations like TWTB1 Santiaog Chiao, TWTB1 Santiaog Chiao, etc.

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like ETLH Xiulin Townshi, ETLL baz=232, FUSS Fushou, etc.

IDC 20 12:52:18.1, 1.9, 7.50S, 127.99E, h0km, mb3.8/2, mb1 3/4, mb1mx3.7/29, mbtmp4.1/4, ML4.3/2, Error ellipse: s-maj=277.0km s-min=27.0km az=63.0
DJA 20 12:52:31.4, 0.6, 7.7S, 4.12E, h122km, 55km, M4.6/7, mb4.9/7, mb5.2/6, ML4.7/7, MW(mb)4.6/6
ISC 20 12:52:35.6, 1.3, 8.0S, 0.1x129.16E, 0.06, h100km, n9, c1839/12, Banda Sea

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like SAUI Saumlaki, SOEI Soe, SOEI Soe, etc.

MAN 20 12:53:1.4, 10.09N, 123.85E, h23km, mb3.8, ML2.6, MS2.1, 1D, Cebu

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like LLP Lapu-Lapu, MSLP Maasin, MSLP Maasin, etc.

UCR 20 12:55:13.3, 1.7, 10.61N, 86.90W, h7km, 37km, MW3.6
INET 20 12:55:09.4, 11.52N, 86.96W, h24km, ML2.4, MW3.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like CUI Cuiplapa, JTS Las Juntas de, ARE1 Arenal 1, etc.

IDC 20 12:56:59.8, 1.7, 20.14N, 89.10E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.5/37, mbtmp3.7/7, MS3.4/1, Ms1 3.4/1, ms1mx2.6/56, Error ellipse: s-maj=107.2km s-min=21.7km az=57.0

ISC 20 12:57:05.4, 1.3, 20.2N, 0.2, 89.3E, 0.2, h35km, n19, c0.58/19, mb3.7/7, Bay of Bengal

Table with columns: Code, Station Name, Az, El, P, H, Time, Res. Includes stations like ODAN Odare, RAMM Ramite, TAPN Taplejung, etc.

ISK 20 12:58:33.6, 38°19'N, 26°30'E, h8km, ML2.4/20
DDA 20 12:58:33.6, 38°19'N, 26°35'E, h7km, ML2.5
ATH 20 12:58:34.2, 38°19'N, 26°26'E, h27km, ML2.3/3, Error
ellipse: s-maj=3.1km s-min=2.1km az=277.0

THE 20 12:58:34.4, 38°19'N, 26°25'E, h8km, ML2.3/5, Error
ellipse: s-maj=1.1km s-min=0.3km az=285.0
ISC 20 12:58:33.5, 0.9, 38°19'N, 0.01, 26°34'E, 0.02, h13km, gkm,
n55, e1916/84, Aegean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for PRK, DKL, AYVA, SIGR, CHOS, CESE, ZEDA, URLA, KCCA, KOCA, ZEYA, PSRA, BAYC, EZIN, DGB, BOZC, ECEA, SMG, BALLY, GOKA, GADA, LIA, GCAM, BALB, GELI, LPK, AYDB, KRAB, SMTH, ERIK, ENEZ, MRMT, BODT, ALN, ALN, ALN, ALN, ALN, TVSB.

baz=17
IURH Urdarhals 0.21 43 P Pg 13 12 48.0 -0.3
IHAM Hamarinn 0.24 218 P Pg 13 12 48.0 -0.1
IKVE Kverfjoll 0.35 88 P Pg 13 12 50.3 -0.5

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for IHUS, ISKR, IVOT, THOR, IKRE, IASK, IMKO, IIEY, IKSK, ISVA, ISVA, IKAL, IVSH, IVSH, IVAT, IFAG, IFAG, IADA, IHVE, IMEL, IMEL, IREN, IREN, ISNB, IKVO, IGRS, ISKI, IGH, IGH, IORA, IORA, BORG, BORG, BORG, BORG, EKA, HFS, SPAO, ARCES, FINES, CLL, ESDC, BRTR, KBZ, YKA, YKA, TIXI, P49A, L42A, L42A, BLA, ILAR, DOT, L40A, L40A, U54A, KURK, KURK, MKAR, MKAR, PDAR, PDAR, BTK, BTK.

ISC 20 13:24:28.6, 3.5, 7°28'S, 118°18'E, h260km, 29km, mb3.1/5,
mb1 3.2/6, mb1mx2.9/58, mbtmp3.4/3, Error ellipse:
s-maj=129.7km s-min=17.4km az=55.0, Flores Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for FITZ, WRA, ASAR, STKA, MKAR, ZALV.

ISC 20 13:31:39.6, 0.8, 55°42'S, 28°02'W, h0km, mb4.2/6,
mb1 4.4/7, mb1mx4.1/24, mbtmp4.3/7, ML4.6/1, MS3.6/3,
Ms1 3.6/3, ms1mx3.1/22, Error ellipse: s-maj=5.9km
s-min=21.4km az=61.0

NEIC 20 13:40.9, 2.8, 55°42'S, 01°10'27'W, 0.2, h14km, 4km,
mb4.5/18, Error ellipse: s-maj=17.1km s-min=12.0km
az=53.0

ISC 20 13:31:42.8, 0.6, 55°43'S, 0°09'28'W, 0.09, h26km, n37,
e1507/33, mb4.4/9, South Sandwich Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for HOPE, VNA3, VNA3, EFI, SNA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for SNA, SNA, PMSA, PMSA, BELA, GSPA, CPUP, CPUP, MT02, CO01, AC05, MAW, BOSA, BOSA, BOSA, BOSA, PB08, VVDA, VVDA, GO01, GO01, MNMC, H10N1, H10N2, LPAZ, LPAZ, LPAZ, RCBR, FOAO, TOAO, TORO, TORO, TORO, ASAR, FINES, YKA, ILAR, SONM.

ISC 20 13:48:54.3, 5.3, 6°39'S, 107°29'E, h0km, mb3.4/3,
mb1 3.5/3, mb1mx3.2/48, mbtmp3.4/3, Error ellipse:
s-maj=355.0km s-min=30.7km az=53.0, Jawa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for ASAR, STKA, MKAR.

INET 20 14:05:43.9, 11°06'N, 87°16'W, h16km, ML2.2, MW3.0
IDC 20 14:05:41.7, 2.9, 11°79'N, 86°74'W, h51km, 6km, mb3.3/5,
mb1 3.6/7, mb1mx3.4/36, mbtmp3.6/7, ML3.1/2, Error
ellipse: s-maj=102.9km s-min=29.2km az=30.0

ISC 20 14:05:51.1, 1.2, 11°7'N, 02°86'W, 0.2, h50km, n7, n0°99/8,
mb3.6/5, Near coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for JTS, CMIG, TXAR, SADO, PDAR, ULM, YKA.

WEL 20 14:23:18.6, 45°25'22.168"E, h85km, 6km, M2.9/14,
mb5.6/1, ML2.9/12, ML2.9/14, Mw(mb)5.1/1, Error
ellipse: s-maj=0.0km s-min=0.0km az=77.7, South
Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for MSZ, WKZ, JCK, MLC, EAZ, DCZ, WHZ, LBZ, FOZ, TUZ, ODZ, PYZ, HHSZ, ARZ, CNP, APZ, WAZ, MHZ, LHZ, PRWZ.

MAN 20 14:27:05.4, 9°11'N, 124°06'E, h15km, mb4.4, ML3.3, MS3.1
IDC 20 14:27:06.3, 2.4, 8°48'N, 121°93'E, h0km, mb3.4/3,
mb1 3.6/3, mb1mx3.2/41, mbtmp3.4/3, Error ellipse:
s-maj=260.6km s-min=29.5km az=63.0

ISC 20 14:27:02.0, 2.7, 9°84'N, 0°04'124.06E, 0.04, h10km, n12,
e111/20, mb3.4/3, 1C-2D, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for LLL, LLL, MSLP, MSLP, CNP, CNP, CGP, CGP, GUIM, GUIM, BUTP, BUTP.

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

ICD 20 14:46:29.8:3.1, 181.66N x 176.26W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/30, mbtmp3.5/3, Error ellipse: s-maj=364.4km s-min=34.8km az=159.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitias Arr.

NAO 20 14:51:05.9:2.4, 71.46N x 3.44W, ML3.6 ICD 20 14:51:07.0:1.5, 71.47N x 3.33W, h0km, mb3.5/4, mb1 3.8/10, mb1mx3.5/46, mbtmp3.7/10, ML3.3/6, MS3.2/5, Ms1 3.2/5, ms1mx3.2/8/41, Error ellipse: s-maj=31.1km s-min=20.7km az=54.0

BER 20 14:51:10.1:3.6, 71.52N x 3.64W, h18km, 27km, ML2.1, ML2.6(DNK), Confirmed Earthquake

ISC 20 14:51:07.9:0.8, 71.54N x 0.08:3.13W, h0km, n62, o1559/61, mb3.5/4, MS3.1/4, Jan Mayen Island region

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like N2VA Vin, N2VI Vin, STEI Steigen.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund (broa), HSPB Hornsund (broa), NBBO8 Skaug oppvekst.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like N2V7 Trnkvik, NB30 Finnes, NBBO5 lndry, TRO Tromso.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FAUS Fauske, NB17 Glemfjord Bvr, KONS Kongsvik.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STOK Stokkvaagen, NBOR8 Kongsbay, KBS Kingsbay.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KIF Kilpisjarvi, KAMF Hammerfest, HIFM Hammerfest.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NB2 NORSA Subarra, NB2 NORSA Subarra, NOA NORSA Subarra.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RES Resolute Bay, AKASG Malin Array B, AKASG Malin Array B.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BRK Yelkinn Array B, BRK Yelkinn Array B, MKAR Makanchi Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GEYT Aibeck, GEYT Aibeck, ICD 20 15:51:19.7:0.8, 62.04S x 56.43W, h0km, mb4.1/10.

mb4.5/24, Error ellipse: s-maj=19.7km s-min=5.3km az=142.0

ISC 20 15:51:20.6:0.5, 62.03S x 0.07:56.68W, h10km, n45, o168/42, mb4.5/20, MS3.5/8, South Shetland Islands

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ROC1 El Roble, ROC1 El Roble, ROC1 El Roble.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CO02 Combarbal, CO02 Combarbal, CO02 Combarbal.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AC04 Llanos de Chal, AC04 Llanos de Chal, CPUP Ulla Florida.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GPO2 Mina Guanaco, GPO2 Mina Guanaco, GPO2 Mina Guanaco.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIV San Ignacio, SIV San Ignacio, SIV San Ignacio.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OTAV Otavalo, LBTB Lobate, TSCM Tsumeb.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, MKAR Makanchi Array.

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WHZ Wether Hill Ro, WHZ Wether Hill Ro, WHZ Wether Hill Ro.

WRA Warramunga Arr 44.68 260 P P 16 03 23.1 -1.0

AS31 Alice Springs 44.81 254 P P 16 03 24.3 -0.7

ASAR Alice Springs 44.81 254 P P 16 03 24.5 -0.6

ASAR Alice Springs 44.81 254 P P 16 07 52.5 +0.4

FORT Fortuna 49.99 245 P P 16 04 02.7 -0.9

KNRA Kununurra 45.05 264 P P 16 04 07.1 -0.8

FITZ Fitzroy Crossi 53.08 261 P P 16 04 25.5 -0.5

UGM Umanama 69.73 288 P P 16 06 13.8 -1.1

NSP South Pole Qui 71.91 180 P P 16 06 25.5 -1.2

PETK Petropavlovsk 73.93 345 P P 16 06 38.2 +0.2

NVAR Mina Arra Sea 76.53 44 P P 16 07 10.4 +1.2

TX31 Lajitias Arr 91.00 58 P P 16 07 43.7 +1.8

TXAR Lajitias Arr 86.05 58 P P 16 07 43.7 +1.8

IL31 Eielson Array 86.09 13 P P 16 07 40.0 -1.2

PD31 Pinedale Array 87.46 43 P P 16 07 48.8 +0.4

PDAR Pinedale Array 87.46 43 P P 16 07 48.8 +0.4

HHC Hu-ho-hao-te 87.50 314 eP P 16 07 47.4 -1.1

LZH Lanzhou 91.10 308 eP P 16 08 04.8 -0.8

YKA Yellowknife Arr 94.51 25 P P 16 08 19.1 -1.0

TIXI Tikisi 96.40 345 P P 16 08 30.9 +2.4

ARCES ARCESS Array B 126.56 300 PKP P 16 13 57.5 -1.3

KOLS Kolonicke sedl 145.05 336 ePKP P 16 14 34.7 -0.7

CRVS Cervenica-Dubn 145.38 337 ePKP P 16 14 35.6 +0.3

OSTC Oostas 145.64 344 ePKP P 16 14 36.5 +0.6

CLL Collim 145.71 347 iPKPbc P 16 14 35.7 -0.4

DPK Dobruska-Polm 145.80 343 ePKP P 16 14 36.4 -0.8

LANS Liptovska Anna 145.89 339 ePKP P 16 14 37.7 -1.0

PRU Pruhonice 146.59 345 ePKP P 16 14 38.6 +0.0

VYHS Vyhne 146.67 339 ePKP P 16 14 38.1 -0.1

KHC Kasperke Hory 147.62 345 ePKP P 16 14 41.3 -0.1

GERES GERS Array B 147.86 345 ePKP P 16 14 41.7 -0.4

ICD 20 16:08:45.6:1.0, 51.96N x 170.56W, h0km, mb3.8/13, mb1 4.0/15, mb1mx3.8/50, mbtmp3.7/15, ML3.3/2, Error ellipse: s-maj=30.3km s-min=16.7km az=175.0

AEIC 20 16:08:50.1:1.2, 52.0N x 0.1:170.5W, 0.1, h56km, 9km, ML3.3/27, Error ellipse: s-maj=17.5km s-min=6.3km az=151.0

NEIC 20 16:08:51.5:1.6, 52.0N x 0.1:170.53W, 0.06, h40km, 15km, Error ellipse: s-maj=18.1km s-min=1.5km az=163.0

ISC 20 16:08:50.4:0.9, 52.0N x 0.1:170.47W, 0.06, h31km, n36, o098/41, mb3.9/13, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIKSH Nikolski High, NIKSH Nikolski High, NIKSH Nikolski High.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKKO Okmok Steeple, OKKO Okmok Steeple, OKKO Okmok Steeple.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OKTU Okmok Mt. Tuli, OKTU Okmok Mt. Tuli, OKTU Okmok Mt. Tuli.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KOFK Korovin Flat P, KOFK Korovin Flat P, KOFK Korovin Flat P.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAPS Pakushin South, MAPS Pakushin South, MAPS Pakushin South.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MREP Makushin Rep't, MREP Makushin Rep't, MREP Makushin Rep't.

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

TEH 20 16:24:58.2:31.52N:56.87E, h8km, ML3.5 THR 20 16:24:59.4:0.3, 31.57N:56.92E, h17km, 5km, ML3.5

ISC 20 16:24:59.9:1.0, 31.53N x 0.04:56.83E, h10km, n31, o085/33, Northern and central Iran

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

20d 18h

MDD 20 18:31:24.8,0.5,36.50N,3.05E, h5km,6km, mb4.0/10, Error ellipse: s-maj=6.5km s-min=4.3km az=106.0, PRXIMO

ISC 20 18:31:23.9,0.9,36.50N,0.03,3.09E,0.03, h18km, m48, c1837/3, Northern Algeria

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

BUI 20 18:42:53.8,0.0,6.74S, 102.16E, h5km, mB5.3/45, mb4.8/63, Ms5.0/36, Ms7.4/735

DC 20 18:42:59.7,0.5,6.10S, 102.20E, h0km, mb4.8/25, mb1.4, 8/27, mb1mx4.7/37, mbmp4.7/27, ML4.3/2, MS4.0/23, Ms1.4, 0/23, ms1mx3.9/38, Error ellipse: s-maj=18.7km s-min=10.6km az=50.0

NEIC 20 18:43:01.2, 1.5, 6.13S, 102.05E, h10km, h18km, 3km, mb5.0/76, Error ellipse: s-maj=9.9km s-min=7.9km az=85.0

MOS 20 18:43:01.3, 1.0, 6.05S, 102.18E, h23km, mb5.2/39, Error ellipse: s-maj=9.1km s-min=5.0km az=111.9

DJA 20 18:43:02.1, 1.6, 6.5S, 102.2E, h22km, 14km, M4.9/26, mb5.4/17, mb5.2/22, MLV5.0/26, Mw(mb)4.8/17, Mw(p)4.8/16

KLM 20 18:43:04.0, 0.6, 15S, 102.03E, h42km, mb5.1

GCMT 20 18:43:04.2, 0.3, 6.21S, 102.03E, 0.03, h12km, MW4.8/69, Moment Tensor Solution, s16, c16; s69, c85; Duration: 0 Moment tensor: Scale 10^19Nm; Mrr1.80E+06; Mtr1.02E+05; Mtt0.82E+07; Mtr0.45E+27; Mtr0.74E+05; Mtr-1.0E+32; Best double couple; Mc2.08600E+10

NP1=301.00000, s30.00000, i69.00000, NP2=0=145.00000, s62.00000, i102.00000. Principal axes: T 2.2120, Plg70.0000, Azm80.0000; N -0.2540, Plg10.0000, Azm319.0000; P -1.9610, Plg16.0000, Azm226.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20 18:43:03.0, 0.3, 6.16S, 102.04E, h22km, m379, c1831/373, mb5.0/128, MS4.3/34, 12C-13D, Southwest of Sumatra

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

2014 DEC

Main table with columns: MNAI, Manna, 1.94 23 P Pn, etc. Lists seismic events with magnitude, time, and station information.

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Table with columns: FITZ, Fitzroy Crossi, 25.77 119 P P, etc. Lists seismic events with magnitude, time, and station information.

Table with columns for station name, frequency, power, and signal strength. Includes stations like Port Moresby, Stephens Creek, Charters Tower, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like UOSS, TKM2, KBK, AML, AAK, AAK, AAK, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ABKAR, MAW, AKT, DDFL, YAK, YAK, etc.

| | | | | | | | | | | | | | | | |
|---------------------|--------------------|----------|----|-----------------|---------------------|----------|----------|----|-----------------|---------------------|---------------------|----------|----|-----------------|-----------------|
| HWA | baz=253 | S | Sn | 20 29 49.5 -0.4 | SMLT Sun Moon Lake | 1.23 267 | P | Pn | 20 29 50.2 +0.1 | PCYT Pengchaiyu | 1.68 355 | eP | Pn | 20 29 56.0 -0.2 | |
| TWD | baz=253 Chiawan | 0.61 283 | iP | Pb | 20 29 40.1 -0.2 | SMLT | | eS | Sn | 20 30 05.7 -0.3 | WTK Tuku | 1.72 262 | eP | Pb | 20 29 58.6 -0.6 |
| TWD | baz=279 | S | Sb | 20 29 48.8 +0.3 | TATO Taipei | 1.23 326 | iP | Pb | 20 29 50.8 -0.2 | WTK | baz=261 | eS | Sb | 20 29 51.7 +1.3 | |
| NACB Ninganchiao | 0.64 291 | iP | Pb | 20 29 40.6 -0.2 | TATO | baz=324 | | S | Sb | 20 30 07.3 +0.9 | RLNB Erlin | 1.73 269 | eP | Pb | 20 29 59.0 -0.3 |
| NACB | baz=272 | S | Sb | 20 29 49.5 +0.2 | TATO YUS | Taipei | 1.23 326 | iP | Pb | 20 29 50.7 -0.2 | RLNB | baz=267 | eS | Sb | 20 30 21.9 +1.3 |
| NACB Ninganchiao | 0.64 291 | iP | Pb | 20 29 40.3 -0.5 | YUS | baz=248 | | eS | Sn | 20 30 06.7 -0.7 | CHY Chiayi | 1.73 255 | eP | Pb | 20 29 58.9 -0.4 |
| ENAH Nanao | 0.64 322 | P | Pb | 20 29 40.1 -0.7 | YUS | baz=248 | | eS | Sn | 20 29 50.8 +0.3 | CHY | baz=254 | eS | Sb | 20 30 20.4 -0.2 |
| ENA Nanau | 0.67 316 | iP | Pb | 20 29 40.7 -0.6 | TYC Yuechi | 1.27 268 | P | Pn | 20 29 50.4 -1.4 | CHN1 Nanshi | 1.75 245 | eP | Pb | 20 29 59.1 -0.6 | |
| ENA | baz=325 | S | Sn | 20 29 51.7 -0.1 | TYC | baz=267 | | eS | Sn | 20 29 49.0 -1.6 | CHN1 | baz=244 | eS | Sb | 20 30 23.0 +1.8 |
| ETLH Xiulin Townshi | 0.74 290 | iP | Pb | 20 29 42.3 -0.3 | TNOU National Taiwa | 1.27 340 | eP | Pn | 20 29 05.2 -1.6 | SLGT Liugui | 1.75 237 | eP | Pb | 20 29 58.5 -1.2 | |
| ETLH | baz=273 | iS | Sb | 20 29 52.7 +0.2 | TNOU | baz=352 | | eS | Sn | 20 29 50.5 -0.1 | SLGT | baz=227 | eS | Sb | 20 30 22.2 +1.0 |
| TWC | baz=273 | iP | Pb | 20 29 41.8 -0.9 | TAP Taipei | 1.28 328 | P | Pn | 20 29 50.5 -0.1 | SLGT | baz=227 | eS | Sb | 20 29 59.1 +0.6 | |
| TWC | baz=338 | S | Sb | 20 29 51.7 -0.9 | TAP | baz=326 | | eS | Sb | 20 29 08.1 +0.4 | TWK Hsinying | 1.75 248 | eP | Pb | 20 29 22.0 +0.7 |
| ESL Shilin | 0.76 260 | iP | Pb | 20 29 42.0 -0.8 | WHYT Xinyi Township | 1.30 259 | eP | Pn | 20 29 51.3 +0.3 | TWK | baz=247 | eS | Sb | 20 30 22.0 +0.7 | |
| ESL | baz=245 | eS | Sb | 20 29 51.6 -1.1 | LIOB Em | 1.32 302 | P | Pb | 20 29 52.6 +0.2 | SGST Jiashian | 1.75 241 | eP | Pn | 20 29 58.4 +1.3 | |
| EGFH Guangfu | 0.80 250 | iP | Pb | 20 29 42.9 -0.6 | LIOB | baz=287 | | eS | Sb | 20 30 09.4 +0.5 | SGST | baz=228 | eS | Sb | 20 30 21.2 -0.2 |
| EGFH | baz=247 | S | Sb | 20 29 54.1 +0.2 | NSTT Nanjung | 1.32 301 | P | Pb | 20 29 52.5 0.0 | SNST Tainan City | 1.76 246 | eP | Pb | 20 29 59.6 -0.3 | |
| JYNG Yonagunijimaku | 0.81 52 | P | Pb | 20 29 43.4 -0.3 | NSTT | baz=286 | | eS | Sn | 20 30 09.5 +0.5 | SNST | baz=245 | eS | Sb | 20 30 22.2 +0.7 |
| JYNG | baz=300 | S | Pb | 20 29 54.5 -0.9 | YMO1 YMO1 | 1.34 333 | eP | Pb | 20 29 52.1 -0.7 | JJU Ishigaki jima | 1.78 76 | P | Sn | 20 29 57.9 +0.4 | |
| YOJ Yonaguni jima | 0.87 54 | P | Pn | 20 29 44.8 -0.1 | YMO1 | baz=347 | | eS | Sb | 20 30 11.0 +1.4 | JJU | baz=222 | S | Sn | 20 30 19.6 +0.2 |
| YOJ | baz=48 | eS | Sb | 20 29 55.3 -0.5 | YMO1 | baz=347 | | eS | Sb | 20 30 11.0 +1.4 | ECL Taimali | 1.79 222 | eP | Pn | 20 29 56.7 -1.0 |
| YOJ | baz=48 | Pn | Pn | 20 29 44.5 -0.4 | YMO10 YMO10 | 1.35 333 | eP | Pb | 20 29 52.2 -0.8 | ECL | baz=222 | eS | Sn | 20 30 17.8 -1.8 | |
| YOJ | baz=332 | eS | Sn | 20 29 56.1 -0.7 | ELDTW Lidau | 1.36 236 | eP | Pb | 20 29 51.2 -0.6 | WLG B Puzi | 1.84 256 | eP | Pn | 20 29 59.4 +1.0 | |
| YOJ | baz=338 | Pn | Pn | 20 29 44.8 -0.1 | YMO11 YMO11 | 1.36 333 | eP | Pb | 20 29 52.6 -0.5 | WLG B | baz=255 | eS | Sb | 20 30 23.8 -0.2 | |
| YOJ | baz=338 | Sn | Sn | 20 29 56.3 +0.5 | YMO5 YMO5 | 1.36 333 | P | Pb | 20 29 52.2 -0.9 | WSF S Zhu | 1.88 261 | eP | Pb | 20 30 00.8 -1.1 | |
| HGSD Ruisui | 0.88 239 | iP | Pb | 20 29 44.3 -0.6 | YMO4 YMO4 | 1.36 332 | eP | Pb | 20 29 52.2 -0.9 | WSF | baz=260 | eS | Sb | 20 30 24.9 0.0 | |
| HGSD | baz=237 | eS | Sb | 20 29 51.1 -0.1 | YMO8 YMO8 | 1.37 334 | eP | Pn | 20 29 51.9 -0.1 | WSF | baz=260 | eS | Sb | 20 30 24.9 0.0 | |
| WHF Hehuan Shan | 0.92 283 | iP | Pb | 20 29 45.1 -0.7 | YMO8 | baz=332 | | eS | Sb | 20 30 11.0 +0.5 | ICHU Yiji | 1.90 252 | eP | Pb | 20 30 09.9 -1.3 |
| WHF | baz=280 | S | Sb | 20 29 57.0 -0.8 | TWS1 Kuangyinshan | 1.37 327 | eP | Pb | 20 29 52.8 -0.5 | ICHU | baz=252 | eS | Sb | 20 30 05.3 -0.2 | |
| NNSB Datong | 0.92 301 | iP | Pn | 20 29 45.5 -0.4 | TWS1 | baz=336 | | eS | Sb | 20 30 11.2 +0.8 | SSD Sandimen | 1.91 231 | eP | Pn | 20 30 00.5 +1.3 |
| NNSB | baz=286 | S | Sn | 20 29 57.8 -0.6 | TWS1 | baz=338 | | eS | Sb | 20 29 52.3 +0.1 | SSD | baz=223 | eS | Sb | 20 30 24.3 -1.5 |
| NNSH Datong | 0.92 301 | iP | Pn | 20 29 45.4 -0.4 | YMO3 YMO3 | 1.39 332 | eP | Pn | 20 29 52.3 +0.1 | TSMG Maja | 1.92 230 | eP | Pb | 20 30 01.3 -1.4 | |
| NNSH | baz=286 | S | Sn | 20 29 58.1 -0.3 | ALS Alishan | 1.39 252 | eP | Pn | 20 29 52.9 +0.5 | TSMG | baz=222 | eS | Sb | 20 30 25.8 -0.4 | |
| ENTT Nioudou | 0.93 318 | iP | Pn | 20 29 45.6 -0.2 | ALS | baz=251 | | eS | Sb | 20 30 10.9 -0.2 | SCST Cishan | 1.93 237 | eP | Pn | 20 30 00.6 +1.1 |
| ILA Ilan | 0.93 331 | P | Pb | 20 29 45.0 -0.8 | WJS Zhushan | 1.40 265 | eP | Pb | 20 29 53.6 -0.1 | SCST | baz=223 | eS | Sb | 20 30 25.0 -1.3 | |
| ILA | baz=329 | eS | Sn | 20 29 59.6 +1.1 | ANP Anpu | 1.40 332 | eP | Pb | 20 29 52.7 -1.1 | CHN3 Shinhua | 1.93 244 | eP | Pb | 20 30 03.0 +0.2 | |
| TWE Neicheng | 0.93 326 | iP | Pn | 20 29 45.5 -0.3 | NCU National Centr | 1.40 317 | eP | Pb | 20 29 53.0 -0.9 | CHN3 | baz=243 | eS | Sb | 20 30 28.4 +1.9 | |
| TWE | baz=331 | eS | Sb | 20 29 56.4 -1.4 | NCU | baz=314 | | eS | Sb | 20 30 12.7 +1.4 | CHN8 Yiju | 1.96 253 | eP | Pb | 20 30 01.6 -1.7 |
| NDT Datong Townshi | 0.94 314 | iP | Pn | 20 29 45.7 -0.2 | NCUH Zhongli | 1.40 317 | eP | Pb | 20 29 53.2 -0.6 | CHN8 | baz=252 | eS | Sb | 20 30 26.6 -0.6 | |
| NDT | baz=312 | S | Sn | 20 29 59.1 +0.6 | TWQ1 Liyuan | 1.40 287 | P | Pb | 20 29 54.0 +0.1 | JISG Ishigakijima | 1.99 71 | P | Pn | 20 30 00.7 +0.3 | |
| NNS Nan Shan | 0.94 302 | iP | Pn | 20 29 45.6 -0.4 | TWQ1 | baz=285 | | eS | Sb | 20 30 11.9 +0.6 | MASBT Mashibuluo | 1.99 228 | eP | Pn | 20 30 01.2 +0.8 |
| NNS | baz=287 | S | Sn | 20 29 58.7 0.0 | IRIF Iriomote-Funau | 1.41 74 | P | Pb | 20 29 53.2 -0.7 | MASBT | baz=220 | eS | Sn | 20 30 24.8 +0.2 | |
| EHY Hungye | 0.95 243 | P | Pn | 20 29 45.5 -0.7 | NTST Danshui | 1.41 329 | eP | Pb | 20 29 53.1 -0.8 | LAY Lan-yu | 2.00 199 | eP | Pn | 20 29 59.4 -1.2 | |
| EHY | baz=240 | eS | Sb | 20 29 57.7 -0.7 | NTST | baz=339 | | eS | Sb | 20 30 13.4 +1.9 | LAY | baz=209 | eS | Pn | 20 30 21.4 -3.6 |
| FUSS Fushou | 0.96 288 | iP | Pb | 20 29 46.1 -0.4 | SBCB Hsinchu | 1.43 306 | P | Pb | 20 29 54.0 -0.1 | TWM1 Shoushan | 2.01 237 | eP | Pb | 20 30 04.4 +0.2 | |
| FUSS | baz=286 | S | Sn | 20 29 59.0 -0.5 | SBCB | baz=304 | | eS | Sb | 20 30 13.2 +1.3 | TWM1 | baz=235 | eS | Sb | 20 30 30.9 +2.0 |
| NTC Toucheng | 0.98 337 | iP | Pb | 20 29 46.2 -0.4 | HATJ Hateruma jima | 1.43 85 | P | Pb | 20 29 53.4 -0.8 | EAST Anshuo | 2.02 220 | eP | Pn | 20 30 00.5 -0.4 | |
| NTC | baz=350 | eS | Sn | 20 30 00.0 +0.4 | HATJ | baz=264 | | eS | Sb | 20 30 11.7 -0.3 | SGLT Jiouru | 2.02 233 | eS | Sb | 20 30 30.4 +1.3 |
| CHGB Renai | 0.99 277 | iP | Pn | 20 29 46.4 -0.4 | WNT Mingjian | 1.43 268 | eP | Pb | 20 29 54.3 0.0 | SGLT | baz=221 | eS | Sb | 20 30 28.8 -0.7 | |
| CHGB | baz=274 | iS | Sb | 20 29 59.2 -0.3 | WNT | baz=266 | | eS | Sb | 20 30 13.1 +1.0 | SCLT Jiali | 2.03 248 | eS | Pb | 20 30 05.2 -0.7 |
| TWT Tachien | 1.02 288 | iP | Pb | 20 29 47.3 -0.1 | NSY Sanyi | 1.43 289 | P | Pb | 20 29 54.5 +0.2 | TSPT Pingtung City | 2.05 232 | eP | Pb | 20 30 28.2 +0.5 | |
| TWT | baz=285 | eS | Sb | 20 29 59.8 -0.8 | NSY | baz=287 | | S | Sb | 20 30 13.7 +1.5 | TSPT | baz=232 | eS | Sb | 20 30 32.3 +2.5 |
| YULB Yu-li | 1.03 238 | iP | Pb | 20 29 46.7 -0.5 | WNT1 Nantou City | 1.43 269 | eP | Pb | 20 29 54.5 +0.2 | TAI1 Yung-k'ang | 2.06 244 | eS | Sb | 20 30 30.2 +0.1 | |
| YULB | baz=254 | S | Sn | 20 29 59.5 -1.1 | WNT1 | baz=267 | | eS | Sb | 20 30 13.4 +1.2 | SNJT Kaohsiung City | 2.12 236 | eP | Pb | 20 30 05.6 -0.4 |
| YULB Yu-li | 1.03 238 | S | Pn | 20 29 46.6 -0.5 | HSN Hsinchu | 1.44 306 | P | Pb | 20 29 54.5 0.0 | SCZT Fangliu | 2.17 224 | eP | Pb | 20 30 05.2 -1.6 | |
| EYUL Yuli | 1.04 235 | eP | Sn | 20 29 59.5 -1.1 | HSN | baz=305 | | eS | Sb | 20 30 13.8 +1.4 | SCZT | baz=217 | eS | Sn | 20 30 31.3 +2.4 |
| EYUL | baz=220 | eS | Sb | 20 30 00.6 -0.2 | TWY Chenhua | 1.45 336 | eP | Pb | 20 29 54.3 -0.2 | SLIU Shizi | 2.18 218 | eP | Pn | 20 30 02.5 -0.5 | |
| TDCB Tech | 1.04 287 | iP | Pb | 20 29 47.3 -0.4 | TWY | baz=334 | | eS | Sb | 20 30 13.8 +1.3 | WLCH Liugui | 2.34 228 | eP | Pb | 20 30 10.0 +0.3 |
| TDCB | baz=274 | eS | Pn | 20 30 00.7 -0.3 | TCU Taichung | 1.45 278 | P | Pb | 20 29 54.8 +0.2 | JTJ Tarama | 2.34 72 | P | Pn | 20 30 05.7 +0.4 | |
| TWF1 Yuli | 1.05 236 | P | Pn | 20 29 47.1 -0.4 | TCU | baz=276 | | S | Sb | 20 30 14.0 +1.4 | JTJ | baz=228 | eS | Sn | 20 30 34.4 +1.1 |
| TWF1 | baz=221 | eS | Sb | 20 30 00.7 -0.5 | NMLH Miaoli | 1.45 294 | P | Pb | 20 29 54.9 +0.3 | TWP Hsiaoiluechi | 2.35 228 | eP | Pb | 20 30 10.2 +0.2 | |
| NWL1 Wuai | 1.07 321 | P | Pb | 20 29 47.6 -0.5 | NMLH | baz=292 | | eS | Sb | 20 30 13.6 +0.9 | TWP | baz=229 | eS | Sb | 20 30 40.8 +2.1 |
| NWL1 | baz=318 | eS | Sn | 20 30 01.4 -0.4 | CHN5 Tsauling | 1.48 257 | eP | Pb | 20 29 54.6 -0.5 | HEN Hengchun | 2.38 216 | eP | Pn | 20 30 06.8 +1.1 | |
| YHNB Yeheng | 1.07 312 | iP | Pb | 20 29 47.7 -0.5 | CHN5 | baz=243 | | eS | Sn | 20 30 13.8 +0.3 | HEN | baz=217 | eS | Sn | 20 30 34.9 +0.7 |
| YHNB Yeheng | 1.07 312 | P | Pb | 20 29 47.9 -0.3 | WDJ Dajia District | 1.52 286 | P | Pb | 20 29 55.5 -0.2 | TSEB Hengchuen, Pin | 2.39 212 | eS | Sn | 20 30 35.5 +1.2 | |
| TWB1 Santiao Chiao | 1.08 346 | eP | Pb | 20 29 47.6 -0.7 | WDJ | baz=284 | | eS | Sb | 20 30 15.3 +0.6 | TKWBT Hengchun | 2.40 214 | eP | Pn | 20 30 06.2 +0.3 |
| TWB1 | baz=346 | eS | Sn | 20 30 02.0 -0.1 | WCHH Zhanghua | 1.55 275 | eP | Pb | 20 29 56.0 -0.3 | TKWBT | baz=215 | eS | Sn | 20 30 34.6 +0.1 | |
| NSK Sanguang | 1.09 312 | iP | Pb | 20 29 48.0 -0.4 | WCHH | baz=273 | | eS | Sn | 20 30 16.3 +0.9 | TKW1 Hengchun | 2.40 214 | eP | Pn | 20 30 06.2 +0.3 |
| NSK | baz=310 | S | Sn | 20 30 02.3 -0.1 | TWGBT Beinan | 1.55 224 | eP | Pn | 20 29 53.6 -0.8 | SNW Nanwan | 2.41 215 | eS | Sn | 20 30 37.1 +2.1 | |
| TIPB Shuangxi | 1.09 340 | iP | Pb | 20 29 48.4 -0.1 | TWGBT | baz=236 | | eS | Sn | 20 30 11.9 -1.8 | WDGT Dungji | 2.47 254 | eP | Pn | 20 30 08.1 +1.1 |
| TIPB | baz=336 | S | Sn | 20 30 01.9 -0.5 | TWG Pinlang | 1.56 224 | eP | Pn | 20 29 53.6 -0.8 | WDGT | baz=241 | eS | Sn | 20 30 38.0 +1.6 | |
| FULB Fuli | 1.15 230 | eP | Pn | 20 29 48.1 -0.7 | TWG | baz=236 | | eS | Sn | 20 30 12.1 -1.7 | PNG Penghu | 2.49 262 | eP | Pn | 20 30 08.0 +0.7 |
| FULB | baz=214 | eS | Sn | 20 30 03.2 -0.5 | TWG Pinlang | 1.56 224 | | Pn | 20 29 53.7 -0.8 | PNG | baz=261 | eS | Sn | 20 30 38.2 +1.2 | |
| CHKT Chengkung | 1.17 224 | eP | Pn | 20 29 48.0 -1.1 | TTN Taitung | 1.56 221 | eS | Pb | 20 30 13.2 -0.7 | VCHM Qimei | 2.69 255 | eP | Pn | 20 30 10.9 +0.9 | |
| CHKT | baz=210 | eS | Sn | 20 30 02.3 -2.0 | WGK Gukeng | 1.56 261 | eP | Pb | 20 29 56.5 0.0 | VCHM | baz=254 | eS | Sn | 20 30 42.8 +1.1 | |
| SSLB Suanglung | 1.19 263 | P | Pn | 20 29 49.2 -0.2 | WGK | baz=259 | | eS | Sb | 20 30 16.7 +0.8 | PTTC Pingtan | 2.73 305 | eP | Pn | 20 30 10.1 -0.4 |
| SSLB Suanglung | 1.19 263 | P | | | | | | | | | | | | | |

20d 21h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Quanzhou, Dashiqiu, Kinmen, etc.

2014 DEC

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Alibeck, ARU, STKA, etc.

978

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Manton Dam, Ta-pu, Kunurra, etc.

Table with columns: KRHZ, Kereru, 2.41 07 P, Pn, 21 30 07.7 +0.1, etc. Lists various stations and their coordinates.

Table with columns: NBCC, NorthernBC 5, 8.02 31 Pn, Pn, 21 38 31.5 +2.9, etc. Lists stations in Northern BC.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

IDC 20 21:36:31.6:2.1, 50:77N:130:31W, h0km, mb3.6/2, mb1 3.9/5, mb1mx3.5/30, mbtmp3.6/5, ML3.7/3, MS3.5/20, Ms1 3.5/20, ms1.9/36, Error ellipse: s-maj=28.3km s-min=16.3km az=82.0

PGC 20 21:36:32.0:1.0, 50:72N:130:49W, h10km, ML3.8/6/21, Mw4.4, 21.6km west of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 20 21:36:32.7:2.6, 50:79N:0:07:130:4W:0.1, h14km, 5km, Error ellipse: s-maj=13.2km s-min=7.2km az=224.0

NEIC 20 21:36:32.0:3.0, 50:72N:130:49W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.06; Mw=0.52; Mw0.50; Mw0.13; Mw0.05; Mw0.05; Fault plane solution: Ms3.0000x10^15, NPl1=318.00000, S32.00000, P=2.25 07 Pn, NP2=227.00000, P1=3.7600000, N=7.0000000, Principal axes: T 0.5306, P1=5.00000, Azm=92.00000, N=0.0006, Plg1=74.0000, Azm344.00000, P=0.5301, Plg1=5.00000, Azm183.00000

ISC 20 21:36:32.0:3.0, 50:88N:0:05:130:33W:0.06, h9km, 21km, n133, s1545/121, mb3.7/3, MS3.5/13, Vancouver Island region

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

Table with columns: INK, Inuvik, 17.55 356 LR, LR, 21 47 38.0, etc. Lists stations in Inuvik.

Table with columns: MSU, Marysvale, 17.81 127 P, P, 21 40 43.0 +2.0, etc. Lists stations in Marysvale.

Table with columns: ULM, Lac du Bonnet, 21.78 78 P, Pn, 21 41 09.2 +0.9, etc. Lists stations in Lac du Bonnet.

Table with columns: ULM, Lac du Bonnet, 21.78 78 P, Pn, 21 41 09.2 +0.9, etc. Lists stations in Lac du Bonnet.

Table with columns: ULM, Lac du Bonnet, 21.78 78 P, Pn, 21 41 09.2 +0.9, etc. Lists stations in Lac du Bonnet.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

Table with columns: UOSS, Minazif, 3.70 153 P, Pn, 22 08 33.4 +0.5, etc. Lists stations in the UOSS region.

TEH 20 22:07:35.8, 28:28N:54:36E, h20km, ML3.2, OMAN 20 22:07:36.0:3.0, 28:05N:54:19E, h12km, mb5.0/6, m3, 1/11, Error ellipse: s-maj=8.1km s-min=4.5km az=315.0

DSN 20 22:07:38.7:0.9, 28:21N:54:73E, h10km, ML3.1/9, Error ellipse: s-maj=21.3km s-min=7.5km az=59.0

ISC 20 22:07:35.6:1.0, 28:28N:0:05:54:38E:0.06, h10km, n66, s1503/80, Southern Iran

IDC 20 22:12:52.6:1.9, 1:93N:126:49E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.4/38, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=129.7km s-min=22.1km az=68.0

DJA 20 22:12:58.3:1.8, 2:2N:4:12'6E, h21km, 18km, M3.6/8, mb3.9/1, ML3.5/8

ISC 20 22:12:59.4:1.1, 1:82N:0:07:126:39E:0.09, h47km, n11, s079/11, mb3.5/3, Northern Melbourne Area

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations in the Melbourne area.

IDC 20 22:15:58.4:3.9, 26:87S:140:56E, h0km, mb1 3.2/3, mb1mx3.2/32, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=68.5km s-min=19.7km az=64.0

AUST 20 22:22:01.5:2.3, 27:20S:140:96E, h10km, Error ellipse: s-maj=25.1km s-min=12.1km az=148.0

ISC 20 22:15:59.0:1.9, 26:86S:0:06:140:86E:0.05, h10km, n9, s268/17, South Australia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations in South Australia.

IDC 20 22:25:39.7:1.6, 3:51S:135:34E, h0km, mb3.2/2, mb1 3.7/6, mb1mx3.5/29, mbtmp3.6/6, ML3.6/4, Error ellipse: s-maj=34.7km s-min=26.5km az=73.0

ISC 20 22:25:42.2:1.0, 3:70S:0:08:135:21E:0.10, h25km, n6, s2543/9, Irian Jaya region

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

WEL 20:22:28.02,8,41'S;5:17'3E;11,h216km,18km,0.2M/3, MLV2.4/13,Error ellipse:s-maj=0.0km s-min=0.0km az=101.3,Off west coast of South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like GRZ Quartz Range, INZ Nelson, THZ Topouse, etc.

PGC 20:22:54:28.2,2,0,50:74N:130:50W,h10km,mb4.3, ML3n3.9/30,Mw4.5,Mw4.5/30,216km west of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 20:22:54:29.7,2,5,50:85N:0:06:130:3W,az=227.0, Error ellipse: s-maj=13.0km s-min=7.7km az=227.0

IDC 20:22:54:29.0,8,0,80:130N:130W,h0km,mb2.0/13, mb1.4/20,mb1mx3.9/59,mbtmp4.0/20,ML3.5/7,MS3.9/35, Ms1.3/9.35,ms1mx3.8/47,Error ellipse: s-maj=13.4km s-min=10.9km az=227.0

NEIC 20:22:54:32.8,50:74N:130:49W,h6km,Moment Tensor Solution. Moment tensor: Scale:10^16Nm; Mr:1.5; Mw:1.09; Mw:0.97; Mw:0.25; Mw:0.43; Mw:0.78; Fault plane solution: 0.71,40000:1016 NP1:0.325,00000:0.82,00000:1,145,00000: NP2:0.60,00000:0.85,00000:1,9,00000: Principal axes: T:1.4585,Plg300000, Azm276.00000; N:-0.1380,Plg54.00000, Azm134.00000; P:-1.3205,Plg18.00000, Azm17.00000:

ISC 20:22:54:29.2,3,5,50:84N:0:05:130:40W,h01km,23km, n330,0170/302,mb4.2/23,MS3.9/28,Vancouver Island region

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HOLB Holberg, MAYB Maynard, GRNB Grenville Isla, etc.

Station list table with columns: Code, Station Name, Time, Res. Includes stations like JCW Jim Creek, JCV Jim Creek, E03A Lebam, etc.

Station list table with columns: Code, Station Name, Time, Res. Includes stations like TPNV Topopah Spring, ISMA Isabella Lake, MPMC Manuel Prospec, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

ICD 20:25:49.1±0.37, 18N:71.62E, h75km, 29km, mb3.5/5, mb1.3/7.10, mb1mx3.3/5.5, mbtmp4.0/10, Error ellipse: s-maj=59.7km s-min=17.4km az=150.0, NNC 20:25:51.2±0.2, 37.62N:71.57E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=25.0km s-min=18.3km az=178.0, ISC 20:25:49.1±0.6, 37.15N:0.05:71.72E:0.06, h106km, n37, c262/47, mb4.0/5, 4C-8D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

CNRM 20:23:02:59.2, 35:61N:7:24W, h29km, IIGL 20:23:03:01.3, 35:65N:7:09W, h26km, ML2.5, INMG 20:23:03:02.2±1.7, 35:65N:7:09W, h31km, ML2.6, Error ellipse: s-maj=3.5km s-min=2.4km az=45.0, SFS 20:23:03:02.0, 35:80N:7:00W, h29km, ML2.5, GOLFO DE CADIZ, MDD 20:23:03:02.1±0.7, 35:70N:7:07W, h62km, 16km, mb4.1/25, Error ellipse: s-maj=7.4km s-min=3.5km az=24.0, PRXIMO LDG 20:23:03:03.1±0.2, 35:75N:7:04W, h30km, M3.2/14, Error ellipse: s-maj=4.0km s-min=2.1km az=18.0, ISC 20:23:02:59.5, 1.2, 35:73N:0.04:7:03W, h100km, 10km, n161, c199/272, 5C-6D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations like PVIS, EMUR, ETOB, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations like RJF, MFF, QUIF, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for various stations like EMOS, SESP, SESP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cordova Ski Ar, Thorafore Moun, Kantishna Hill, etc.

WEL 20 23:33:40.5, 45°S, 16°16'8"E, h75km, 23km, M2, 7.7, ML2.8/7, MLV2.7/7, Error ellipse: s-maj=0.0km, s-min=0.0km, North Island

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

IDC 20 23:35:24.6, 2.4, 3, 29N: 128.95E, h0km, mb3.4/4, mb1.3/4, mb1mx3.3/4, mbtmpp3.4/4, Error ellipse: s-maj=175.5km, s-min=26.7km, az=68.0, North of Halmahera

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

IDC 20 23:59:29.2, 0.9, 2, 32N: 126.74E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.6/43, mbtmpp3.9/8, ML3.5/1, MS3.1/1, Ms1.3.1/1, ms1mx2.4/49, Error ellipse: s-maj=55.7km, s-min=17.5km, az=71.0

NEIC 20 23:59:34.2, 3.2, 3, 24ON: 0.07x126.99E: 0.06, h35km, 1km, mb4.2/15, Error ellipse: s-maj=16.3km, s-min=4.4km, az=44.0

IDC 20 23:59:34.0, 3.0, 6, 243N: 0.008x127.0E: 0.1, h35km, n31, s=1504/33, mb4.2/11, Northern Molucca Sea

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

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

IDC 20 23:59:45.6, 3.6, 10, 69S: 66.94E, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.3/52, mbtmpp3.8/3, MS3.0/2, Ms1.3.0/2, m=1mx2.7/48, Error ellipse: s-maj=125.8km, s-min=41.5km, az=56.0, Mid-Indian Ridge

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

NEIC 21 00:13:30.8, 1.0, 2, 155S: 0.07x179.4W: 0.1, h614km, 7km, mb4.4/26, Error ellipse: s-maj=20.0km, s-min=7.6km, az=70.0

IDC 21 00:13:30.4, 2.2, 2, 155S: 179.36W, h608km, 19km, mb3.4/10, mb1.3.7/12, mb1mx3.3/41, mbtmpp4.4/12, Error ellipse: s-maj=40.7km, s-min=15.5km, az=143.0

IDC 21 00:13:30.1, 0.7, 2, 185S: 0.1x179.4W: 0.1, h604km, n61, s=086/64, mb4.4/22, Fiji Islands region

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

NEIC 21 00:13:30.1, 0.7, 2, 185S: 0.1x179.4W: 0.1, h604km, n61, s=086/64, mb4.4/22, Fiji Islands region

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

QSPA South Pole Qui 68.49 180 P P 00 23 33.2 +0.1

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

IDC 21 00:15:04.4, 2.8, 4, 93S: 154.42E, h0km, mb3.4/3, mb1.3.7/3, mb1mx3.4/39, mbtmpp3.4/3, Error ellipse: s-maj=111.6km, s-min=36.3km, az=125.0, Bougainville-Solomon Islands region

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

MAN 21 00:25:16.6, 11.42N: 126.15E, h1km, mb4.2, ML3.0, MS2.7, MAN Intensity I - Taobalon City and Catbalogan City, BUJ 21 00:25:18.1, 10.1, 11.34N: 126.06E, h15km, MB5.5/76, MS5.2/78, MS5.5/84, MS7.5/278

NEIC 21 00:25:20.1, 11.44N: 125.93E, h12km, Moment Tensor Solution. Moment tensor: S1017Nm, Mr0.98; Ms0.06; Mw-1.04; Mn0.21; Mm0.21; Mr1.12; Fault plane solution: Mo1.54000x1017, NP1.0x153.30000°, 323.70000°, A60.50000°. NP2.0x107000°, 369.52000°, 1102.20000°. Principal axes: T 1.5322, Plg63.0000°, Azm2.00000°; N 0.01338, Plg11.0000°, Azm1.00000°; P -1.5463, Plg24.0000°, Azm86.0000°

NEIC 21 00:25:20.5, 1.3, 11, 45N: 0.07x125.94E: 0.08, h12km, 1km, mb5.4/10, MS 2.0, 5.1/128, Mw15.4/39, Mw15.6/GCMT) Error ellipse: s-maj=13.9km, s-min=11.5km, az=81.0

MOS 21 00:25:21.4, 1.1, 11.49N: 125.82E, h26km, mb5.5/103, MS5.1/30, Error ellipse: s-maj=7.8km, s-min=3.5km, az=118.0

IDC 21 00:25:24.9, 2.2, 11.42N: 125.80E, h39km, 19km, mb4.7/46, mb1.8/48, mb1mx4.7/54, mbtmpp5.0/48, ML4.0/2, MS4.9/38, Ms1.4/38, ms1mx4.8/49, Error ellipse: s-maj=12.5km, s-min=3.9km, az=79.0

GCMT 21 00:25:24.9, 0.1, 11.55N: 0.01x126.10E: 0.01, h18km, Mw5.6/158, Moment Tensor Solution. s139c225; s158c307; Duration: 155 Moment tensor: S1017 Nm; Mr2.00c03; Mw0.01c02; Ms2.02c03; Mw-0.16c06; Mm0.34c02; Mr1.94c08; Best double couple: M2.81800x1017, NP1.0x168.00000°, 323.00000°, 184.00000°. NP2.0x354.00000°, 367.00000°, 93.00000°. Principal axes: T 2.7940, Plg68.0000°, Azm269.00000°; N 0.0620, Plg2.0000°, Azm7173.00000°; P -2.8510, Plg22.0000°, Azm82.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 21 00:25:26.1, 5.4N: 126.12E, h16km, Moment Tensor Solution. Moment tensor: S1017Nm, Mr2.00; Ms0.06; Mw-2.06; Mn-0.14; Mm0.39; Mw2.84; Fault plane solution: M3.52000x1017, NP1.0x163.00000°, 318.00000°, 178.00000°. NP2.0x356.00000°, 372.00000°, 94.00000°. Principal axes: T 3.4621, Plg63.0000°, Azm272.00000°; N 0.1052, Plg4.0000°, Azm175.00000°; P -3.5672, Plg27.0000°, Azm83.00000°

DJA 21 00:25:29.6, 0.6, 12, N4.4x1.2, Mw1.8, h78km, 5km, Ms3.5/59, mb5.2/59, mb5.7/50, MLV2.6/12, MW(MB)5.2/50, MW5.5/24

KLM 21 00:25:41.0, 0.1, 141N: 125.93E, h195km, mb3.3, ISC 0.025, 0.3, 4.0, 15.50N: 0.01x125.93E: 0.03, h28km, 3km, n849, r183/840, mb5.3/256, MS5.1/148, 59C-24D, Samar

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like SCRK Sand Creek, LVZ Lovozero, OBAN Obninsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like SUW Suwalki, VRI Vriociaia, PPT2 Papeete, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like KRUC Moravsky, PDG Podgorica, BRG Bergsiesshubel, etc.

21d 1h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like S39A Bolivar, R40A Maddies Statio, TOB3 Torodi Ar. Sit, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SDDR Presa de Saban, LL01 San Ignacio de, L01 Loma Pena Alta, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TAP 21 00:26:29.4, 22:83N, TWG Pinlang, TWG baz=92, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes PRU 21 00:37:43.0, 0.0, 50.060N, 18.53E, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes IDC 21 00:48:27.8, 2.2, 11.79N, 126.97E, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes HEL 21 01:00:55.6, 0.6, 67.88N, 20.21E, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes NEIC 21 01:08:19.4, 1.4, 64.57N, 0.07, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes REY 21 01:08:19.3, 64.66N, 17.49W, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes IDYN Dyngjuhals, IURH Urdarhals, IURH baz=42, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes BRTR Keskin Array B, YKA Anoyia, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes TAP 21 01:12:52.7, 24.86N, 122.00E, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes TWB1 Santiao Chiao, TWB1 baz=350, TWB1 Toucheng, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NNS, NNSB, NNSH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SGST, MATB, SLGT, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KDJ, CHMS, UOSS, etc.

21d 2h

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, S, Sn, Time, Res, h, m, s, ISC. Includes stations like BRVK Borovoye, RAYN Ar Rayn, GROG Groznyy, etc.

2014 DEC

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, S, Sn, Time, Res, h, m, s, ISC. Includes stations like BURAR Bucovina Array, KOLS Kolonicke sedl, NRIK Noril'sk, etc.

990

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, S, Sn, Time, Res, h, m, s, ISC. Includes stations like LVC Limon Verde, PB09 IPOC Station P, etc.

21d 2h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like NEW Newport, NEW Newport, NEW Newport, etc.

2014 DEC

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PAGB Antelope Grade, COLA College, COLA UAF Yank, etc.

992

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SWSC Sam W. Stewart, TKX Tecate, IKP In-Ko-Pah, etc.

| | | | | | |
|-------|-------------------------------------------|------------|----|-----|-----------------|
| KIV | Kislovodsk | 46.44 308 | P | P | 05 45 56.4 +0.6 |
| KIV | comp=Z,40nm,1.1s | | I | Amb | 05 46 20.9 |
| KIRV | Kirov | 46.78 329 | LR | LR | 06 07 44.7 |
| KIRV | comp=Z,223nm,21.0s | | | | |
| KIRV | Kirov | 46.78 329f | P | P | 05 45 58.5 +0.4 |
| VRH | Novokhopovsk | 48.39 318 | eP | P | 05 46 10.2 -0.5 |
| VRH | comp=Z,10.0nm,0.9s | | | | |
| VSR | Storozhevoje | 49.97 317 | eP | P | 05 46 22.1 -0.6 |
| VSR | comp=Z,10.0nm,1.5s | | | | |
| LPSR | Galich'ya Gora | 50.39 319 | eP | P | 05 46 17.9 -8.0 |
| LPSR | comp=Z,8.0nm,0.6s | | | | |
| TIXI | Tiksi | 51.23 13f | P | P | 05 46 31.5 -0.4 |
| TIXI | Tiksi | 51.23 13 | P | P | 05 46 31.3 -0.6 |
| MTN | Manton Dam | 51.31 132 | P | P | 05 46 31.2 -2.1 |
| MTN | comp=Z,14nm,0.8s | | I | Amb | 05 46 32.9 |
| GENI | Genyem | 51.69 115 | P | P | 05 46 36.7 +0.5 |
| GENI | comp=Z,239nm,0.9s | | | | |
| PSA00 | Pilbara Seismi | 51.74 150 | P | P | 05 46 35.7 -0.7 |
| PSA00 | Pilbara Seismi | 51.74 150 | I | Amb | 05 46 36.0 -0.4 |
| PSA00 | comp=Z,34nm,0.7s | | | | |
| KNRA | Kunurra | 51.84 137 | P | P | 05 46 36.4 -0.8 |
| FITZ | Fitzroy Crossi | 51.85 141 | I | Amb | 05 46 36.6 -0.6 |
| FITZ | comp=Z,17nm,1.0s | | | | |
| JAY | Jayapura | 52.09 114 | P | P | 05 46 36.2 -3.0 |
| JAY | comp=Z,11nm,0.6s,baz=300,slow=18,SNR=1.8 | | | | |
| OBN | Obninsk | 52.27 322 | eP | P | 05 46 39.6 -0.3 |
| OBN | comp=Z,8.0nm,1.1s | | | | |
| KLMR | Klimovskoe | 52.27 330 | eP | P | 05 46 40.1 +0.3 |
| KLMR | comp=Z,31nm,1.4s | | | | |
| KLMR | Klimovskoe | 52.27 330 | eP | P | 05 46 40.1 +0.3 |
| KLMR | comp=Z,31nm,1.4s | | | | |
| KLMR | comp=Z,31nm,1.4s | | | | |
| BR131 | keskin Array B | 53.01 302 | eP | PP | 05 48 36.0 -3.0 |
| BR131 | keskin Array S | 53.01 302 | eP | PP | 05 46 46.5 +0.8 |
| BR131 | comp=Z,6.4nm,0.6s | | | | |
| BRTR | keskin Array B | 53.01 302 | P | P | 05 46 46.8 +0.9 |
| BRTR | comp=Z,2.8nm,0.5s,baz=118,slow=8.3,SNR=15 | | | | |
| PET | Petropavlovsk | 55.49 41f | P | P | 05 47 02.2 -1.2 |
| PET | comp=Z,98nm,1.2s | | | | |
| AKASG | Malin Array Be | 56.15 316 | P | P | 05 47 08.3 +0.2 |
| AKASG | comp=Z,4.4nm,0.6s,baz=79,slow=6.7,SNR=9.7 | | | | |
| AKASG | comp=Z,18nm,0.6s,baz=75,slow=7.1,SNR=15 | | | | |
| AKASG | Malin Array Be | 56.15 316 | P | P | 05 47 08.6 +0.5 |
| AKAB | Malin Array Si | 56.15 316f | eP | P | 05 47 08.3 +0.7 |
| AKAB | Malin Array Si | 56.15 316 | I | Amb | 05 47 31.8 |
| ELL | Elmali | 56.17 299 | P | P | 05 47 10.2 +1.5 |
| ELL | Elmali | 56.17 299 | P | P | 05 47 10.2 +1.5 |
| LVZ | Lovozero | 56.57 337 | P | P | 05 47 12.2 +1.3 |
| LVZ | comp=Z,27nm,1.0s | | | | |
| LVZ | Lovozero | 56.57 337 | P | P | 05 47 12.2 +1.3 |
| LVZ | comp=Z,27nm,1.0s | | | | |
| SORM | Soroca | 56.66 313 | P | P | 05 47 13.1 +1.2 |
| SORM | Soroca | 56.66 313 | P | P | 05 47 13.1 +1.2 |
| CFR | Carcalui | 56.87 309 | P | P | 05 47 15.0 +1.7 |
| CFR | Carcalui | 56.87 309 | P | P | 05 47 15.0 +1.7 |
| MORW | Morawa | 56.88 158 | P | P | 05 47 14.9 |
| MORW | comp=Z,27nm,0.8s | | | | |
| VRI | Vrincioia | 57.83 310 | P | P | 05 47 21.5 +1.4 |
| VRI | Vrincioia | 57.83 310 | P | P | 05 47 21.5 +1.4 |
| TESR | Tescani | 57.86 311 | P | P | 05 47 22.4 +2.1 |
| IDIR | Didziasalis | 57.88 321 | P | P | 05 47 20.3 +0.1 |
| PLOR | Plostina | 57.88 310 | P | P | 05 47 21.8 +1.2 |
| PLOR | Plostina | 57.88 310 | P | P | 05 47 21.8 +1.2 |
| ISR | Istria | 58.00 309 | P | P | 05 47 21.0 -0.4 |
| ISR | Istria | 58.00 309 | P | P | 05 47 21.0 -0.4 |
| IGN | Ignalina | 58.17 321 | P | P | 05 47 23.2 +0.8 |
| BIZ | Bilcz | 58.21 311 | P | P | 05 47 23.3 +0.5 |
| ISAL | Salakas | 58.24 322 | eP | P | 05 47 23.5 +0.8 |
| MSL | Muntele Rosu | 58.40 310 | P | P | 05 47 26.2 +1.9 |
| MLR | Muntele Rosu | 58.40 310 | P | P | 05 47 26.4 +2.1 |
| MLR | comp=Z,52nm,1.1s | | | | |
| MLR | Muntele Rosu | 58.40 310 | P | P | 05 47 26.4 +2.1 |
| WBO | Warramunga Arr | 58.45 135 | P | P | 05 47 24.1 -0.7 |
| WBO | Warramunga Arr | 58.45 135 | P | P | 05 47 24.7 -0.7 |
| WRA | Warramunga Arr | 58.45 135 | P | P | 05 47 24.4 -1.5 |
| WRA | comp=Z,16nm,0.7s,baz=317,slow=9.2,SNR=6.0 | | | | |
| WRA | Warramunga Arr | 58.45 135 | P | P | 05 47 47.4 -1.0 |
| WRA | comp=Z,2.0nm,1.1s | | | | |
| WRA | Warramunga Arr | 58.45 135 | P | P | 05 47 24.4 -1.0 |
| WRAB | Tennant Creek | 58.54 135f | P | P | 05 47 24.5 -0.9 |
| WRAB | comp=Z,39nm,0.8s | | | | |
| WRAB | Tennant Creek | 58.54 135 | P | P | 05 47 24.5 -0.9 |
| ALN | Alexandroupoli | 58.71 304 | P | P | 05 47 27.5 +1.2 |
| ALN | comp=Z,10nm,0.8s | | | | |
| ALN | Alexandroupoli | 58.71 304 | P | P | 05 47 27.5 +1.2 |
| ALN | comp=Z,10nm,0.8s | | | | |
| FIA1 | FINESS Array B | 58.75 328 | P | P | 05 47 27.4 +1.2 |
| FIA1 | comp=Z,12nm,0.8s | | | | |
| FINES | FINESS Array B | 58.75 328 | P | P | 05 47 26.8 +0.5 |
| FINES | comp=Z,3.1nm,0.5s,baz=105,slow=6.7,SNR=34 | | | | |
| FINES | comp=Z,188nm,18.2s,baz=62,slow=39 | | | | |
| FINES | FINESS Array B | 58.75 328 | P | P | 05 47 27.3 +1.0 |
| DOPR | Dopca | 58.79 312 | P | P | 05 47 29.0 +5.4 |
| BURAR | Bucovina Array | 58.79 312 | P | P | 05 47 29.3 +2.4 |
| BURAR | Bucovina Array | 58.79 312 | P | P | 05 47 29.3 +2.4 |
| BURAR | Bucovina Array | 58.79 312 | P | P | 05 47 27.6 +0.7 |
| BURAR | Bucovina Ar. S | 58.80 312 | P | P | 05 47 27.5 +0.5 |
| VOIR | Voiron | 59.03 310 | P | P | 05 47 30.1 +1.6 |
| VOIR | Voiron | 59.03 310 | P | P | 05 47 30.2 +1.6 |
| ARR | Arges | 59.33 310 | P | P | 05 47 31.5 +0.9 |
| PABE | Paberze | 59.46 321 | eP | P | 05 47 31.7 +0.5 |
| APE | Apeiranthos | 59.60 300f | eP | P | 05 47 33.1 +0.5 |
| APE | comp=Z,6.0nm,1.0s | | | | |
| KEV | Kevo | 59.74 338 | P | P | 05 47 34.4 +1.5 |
| KEV | comp=Z,37nm,1.1s | | | | |
| KEV | Kevo | 59.74 338 | P | P | 05 47 34.4 +1.5 |
| CJR | Cluj-Napoca | 59.94 311 | P | P | 05 47 33.2 -1.6 |
| CJR | Cluj-Napoca | 59.94 311 | P | P | 05 47 33.2 -1.6 |
| ARA0 | ARCESS Array S | 60.21 338 | eP | P | 05 47 37.5 +1.3 |
| ARCES | ARCESS Array B | 60.21 338 | eP | P | 05 47 36.8 +0.6 |
| ARCES | comp=Z,4.2nm,0.7s,baz=99,slow=7.5,SNR=38 | | | | |
| ARCES | ARCESS Array B | 60.21 338 | eP | P | 05 47 37.0 +0.8 |
| ARCES | comp=Z,25nm,1.5s | | | | |
| ARCES | ARCESS Array B | 60.21 338 | eP | P | 05 47 37.0 +0.8 |
| IDI | Anoia | 60.20 298 | P | P | 05 47 37.8 -0.4 |
| IDI | comp=Z,19nm,0.9s | | | | |
| DEV | Deva | 60.49 310 | P | P | 05 47 41.7 +3.2 |
| DEV | Deva | 60.49 310 | P | P | 05 47 41.7 +3.2 |
| DRGR | Dracul | 60.55 311 | P | P | 05 47 44.3 +5.4 |
| DRGR | Dracul | 60.55 311 | P | P | 05 47 44.3 +5.4 |
| VTS | Vitosha | 60.60 307 | P | P | 05 47 40.8 +1.3 |
| VTS | Vitosha | 60.60 307 | P | P | 05 47 40.8 +1.3 |
| GZR | Gura Zlata | 60.63 310 | P | P | 05 47 48.1 +8.6 |
| GZR | Gura Zlata | 60.63 310 | P | P | 05 47 48.1 +8.6 |
| COEN | Coen | 60.77 123 | P | P | 05 47 39.3 -1.9 |
| NWAO | Narrogin (SRO) | 60.81 158 | P | P | 05 47 40.0 -0.7 |
| NWAO | comp=Z,33nm,0.9s | | | | |
| NWAO | Narrogin (SRO) | 60.81 158 | P | P | 05 47 39.9 -0.8 |
| NWAO | Narrogin (SRO) | 60.81 158 | P | P | 05 47 40.0 -0.7 |
| NWAO | comp=Z,33nm,0.8s | | | | |
| PLN | Plauen | 66.99 317 | eP | P | 05 48 44.7 -0.5 |

| | | | | | |
|---------|-------------------------------------------|-----------|----|---|-----------------|
| KTK1 | Kautokeino | 60.92 337 | eP | P | 05 47 42.4 +1.4 |
| AS31 | Alice Springs | 61.01 138 | P | P | 05 47 42.1 -0.2 |
| AS31 | comp=Z,8.3nm,0.8s | | | | |
| ASAR | Alice Springs | 61.01 138 | P | P | 05 47 41.9 -0.4 |
| ASAR | comp=Z,19nm,0.6s,baz=321,slow=2.9,SNR=5.7 | | | | |
| ASAR | Alice Springs | 61.01 138 | P | P | 05 47 42.2 -0.1 |
| ASAR | Alice Springs | 61.01 138 | P | P | 05 47 42.2 -0.1 |
| HAMF | Hammerfest | 61.02 339 | eP | P | 05 47 43.4 +1.7 |
| PMG | Port Moresby | 61.24 117 | P | P | 05 47 43.3 -0.7 |
| PMG | Port Moresby | 61.24 117 | P | P | 05 47 43.3 -0.7 |
| PMG | Port Moresby | 61.24 117 | P | P | 05 47 43.7 -0.2 |
| PMG | comp=Z,56nm,0.7s | | | | |
| PMG | Port Moresby | 61.24 117 | P | P | 05 47 43.7 -0.2 |
| BZS | Buzias | 61.42 310 | P | P | 05 47 49.1 +4.4 |
| BZS | Buzias | 61.42 310 | P | P | 05 47 49.1 +4.4 |
| GRG | Griva | 61.44 305 | P | P | 05 47 45.0 0.0 |
| GRG | comp=Z,17nm,0.7s | | | | |
| LIT | Litokhoron | 61.50 304 | P | P | 05 47 45.4 0.0 |
| LIT | comp=Z,12nm,0.8s | | | | |
| LIT | Litokhoron | 61.50 304 | P | P | 05 47 45.4 0.0 |
| LIT | comp=Z,12nm,0.8s | | | | |
| AGG | Agios Georgios | 61.79 303 | P | P | 05 47 46.7 -0.7 |
| AGG | comp=Z,29nm,1.2s | | | | |
| AGG | Agios Georgios | 61.79 303 | P | P | 05 47 46.7 -0.7 |
| AGG | comp=Z,29nm,1.2s | | | | |
| HOPEN | Hopen | 61.86 346 | eP | P | 05 47 49.6 +2.4 |
| NIE | Niedzica | 61.93 315 | eP | P | 05 48 12.3 +2.4 |
| OJC | Ojcow | 62.18 316 | eP | P | 05 48 13.5 +2.4 |
| ITM | Ithomi | 62.42 301 | P | P | 05 47 50.1 -1.5 |
| ITM | comp=Z,13nm,0.6s | | | | |
| TRO | Tromso | 62.51 338 | eP | P | 05 47 52.4 +0.8 |
| DIVS | Divibare | 62.75 309 | P | P | 05 47 54.4 +0.6 |
| DIVS | comp=Z,16nm,0.9s | | | | |
| ABCO | Ambohimpanom | 63.08 231 | iP | P | 05 47 58.6 +2.3 |
| OKP | Ostrava-Krasne | 63.28 315 | eP | P | 05 49 21.0 0.0 |
| FORT | Forrest | 63.42 148 | P | P | 05 47 58.0 -0.1 |
| PDG | Podgorica | 63.54 307 | P | P | 05 48 10.7 +1.2 |
| MORC | Moravsky Berou | 63.67 315 | P | P | 05 48 13.3 +1.4 |
| MORC | Moravsky Berou | 63.67 315 | eP | P | 05 48 23.5 -0.2 |
| IJVC | Jetka Javorina | 63.70 314 | eP | P | 05 48 27.1 +0.8 |
| FAUS | Fauske | 63.77 335 | eP | P | 05 48 01.4 +1.5 |
| STEI | Steigen | 63.78 336 | eP | P | 05 48 01.4 +1.4 |
| SPA0 | Spitsbergen Arr | 64.03 347 | P | P | 05 48 27.0 +0.4 |
| SPA0 | comp=Z,53nm,1.4s | | | | |
| SPA0 | Spitsbergen Arr | 64.03 347 | eP | P | 05 48 02.3 +0.7 |
| SPH | Hornsund (broa | 64.09 346 | eP | P | 05 48 02.8 +0.9 |
| MORR | Moi Rana | 64.12 334 | eP | P | 05 48 02.7 +0.4 |
| VRAC | Vranov | 64.34 315 | P | P | 05 48 07.8 +3.7 |
| VRAC | Vranov | 64.34 315 | P | P | 05 48 05.5 +1.4 |
| VRAC | Vranov | 64.34 315 | P | P | 05 48 28.0 -0.1 |
| VRAC | Vranov | 64.34 315 | P | P | 05 48 07.8 +3.7 |
| DPC | Dobruska-Polom | 64.38 316 | eP | P | 05 48 06.8 +2.4 |
| DPC | Dobruska-Polom | 64.38 316 | eP | P | 05 48 06.8 +2.4 |
| DPC | Ostas | 64.42 316 | eP | P | 05 48 28.5 +0.3 |
| OSTC | Ostas | 64.42 316 | eP | P | 05 47 37.3 -1.1 |
| LOF | Lofoten | 64.42 336 | eP | P | 05 48 05.1 +0.9 |
| KRUC | Moravsky | 64.51 314 | eP | P | 05 48 06.9 +1.7 |
| KRUC | Chvalec | 64.52 316 | eP | P | 05 48 28.9 -0.2 |
| KRUC | Chvalec | 64.52 316 | eP | P | 05 48 28.9 -0.2 |
| UPC | Ujvek | 64.56 314 | eP | P | 05 48 29.4 +0.6 |
| KONS | Konvik | 64.64 334 | eP | P | 05 48 07.3 +1.6 |
| CONA | Conrad Observa | 65.03 313 | P | P | 05 48 32.4 -0.3 |
| CONA | comp=Z,10nm,0.8s | | | | |
| NSS | Namsos | 65.24 332 | eP | P | 05 48 10.2 +0.6 |
| ARSA | Arzberg | 65.36 313 | eP | P | 05 48 34.3 -0.5 |
| ARSA | comp=Z,8.4nm,0.7s,SNR=7.1 | | | | |
| PRU | Pruhonic | 65.56 316 | eP | P | 05 48 12.6 +0.6 |
| PRU | Pruhonic | 65.56 316 | eP | P | 05 48 12.6 +0.6 |
| PRU | Rugen | 65.63 321 | eP | P | 05 48 35.7 -0.3 |
| PRU | Rugen | 65.63 321 | eP | P | 05 48 36.4 0.0 |
| RUE | Ruedersdorf | 65.66 318 | eP | P | 05 48 36.0 -0.5 |
| RUE | comp=Z,33nm,0.6s,baz=79,slow=6.3 | | | | |
| NC405 | NORSAR Array S | 65.68 328 | P | P | 05 48 13.2 +0.6 |
| NC405</ | | | | | |

21d 5h

Table with columns: PDAR, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like Pinedale Array, Jordanelle, Maple Canyon, etc.

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

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Table with columns: az=30.0, Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC, Res. Includes stations like Nilore, Thein Dam, Kabul, etc.

Table with columns: WRA, Alice Springs, ASAR, Alice Springs, YKA, Yellowknife Arr. Includes station names, coordinates, and times.

IDC 21 06:31:55.6; 7.9, 51.98N; 179.59W, h99km, 74km, mb3.5/12, m1 3.8/13, mb1mx3.5/48, mbtmp3.9/13, ML4.9/1, Error ellipse: s-maj=37.4km, s-min=13.5km, az=169.0.

AEIC 21 06:31:58.1; 9.52; 104.0; 1.179; 43.0; 0.06, h115km, 4km, ML3.8, mb4.4/78(NEIC), Error ellipse: s-maj=14.6km, s-min=5.1km, az=177.0.

NEIC 21 06:31:58.4; 1.6, 51.98N; 0.1; 179.47W; 0.06, h119km, 5km, Error ellipse: s-maj=19.5km, s-min=5.2km, az=177.0.

ISC 21 06:31:58.2; 0.7, 51.98N; 0.1; 179.50W; 0.03, h123km, 5km, n132, az=89/140, mb4.3/38, 1C, Andreanof Islands

Main table for the first section, listing station names, coordinates, and times for various stations like GAAEA, CERAA, KICM, etc.

Main table for the second section, listing station names, coordinates, and times for various stations like MVU, MSU, TMUT, etc.

IDC 21 06:34:15.2; 2.2, 6.81N; 129.08E, h0km, mb3.5/3, m1 3.7/3, mb1mx3.4/35, mbtmp3.5/3, Error ellipse: s-maj=183.9km, s-min=25.3km, az=69.0, Halmahera

IDC 21 06:59:02.5; 0.0; 30.67N; 30.33E, h20km, mb4/4, M4.6/4

IDC 21 06:59:04.9; 1.2, 29.87N; 30.61E, h0km, mb3.7/9, m1 3.7/13, mb1mx3.5/51, mbtmp3.6/13, ML3.6/3, MS2.8/7, Ms1 2.9/7, ms1mx2.6/49, Error ellipse: s-maj=23.3km, s-min=13.4km, az=179.0.

ISC 21 06:59:13.2; 1.0, 30.85N; 0.06; 31.29E; 0.05, h10km, n34, az=181/39, mb3.6/9, Egypt

Main table for the third section, listing station names, coordinates, and times for various stations like HHC, MVU, MSU, etc.

Table for the fourth section, listing station names, coordinates, and times for various stations like BRTR, GNI, AKAGE, etc.

KRNET 21 07:07:12.6; 0.1, 41.44N; 70.86E, h11km, mb2.5, ISC 21 07:07:14.4; 1.3, 41.14N; 0.04; 71.00E; 0.06, h7km, n12km, n10, az=131/19, 14C-4D, Kyrgyzstan

Main table for the fifth section, listing station names, coordinates, and times for various stations like TRKS, BTK, ARSB, etc.

DJA 21 07:09:55.6; 1.0, 2.18N; 12.92E, h185km, 10km, M4.6/7, m1 4.9/3, mb4.6/4, MLV4.6/7, MW(m)4.2/3

IDC 21 07:09:56.2; 2.7, 2.44N; 128.37E, h232km, 30km, mb3.4/6, m1 3.5/7, mb1mx3.2/38, mbtmp3.5/7, Error ellipse: s-maj=49.9km, s-min=14.3km, az=74.0.

ISC 21 07:09:54.2; 1.1, 2.6N; 0.1; 128.6E; 0.1, h200km, n14, az=174/13, mb4.0/5, Halmahera

Main table for the sixth section, listing station names, coordinates, and times for various stations like SIJI, KMSI, ANANI, etc.

NEIC 21 07:35:48.6; 1.1, 50.83N; 0.09; 130.40W; 0.1, h15km, 7km, Error ellipse: s-maj=14.9km, s-min=11.0km, az=46.0.

PGC 21 07:35:48.1; 4.2, 50.75N; 130.49W, h10km, ML, Sn3.4/14, M4.0/14, 216km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 21 07:35:49.6; 1.9, 50.78N; 130.02W, h0km, mb3.5/2, m1 3.3/10, ms1mx3.5/32, mbtmp3.5/6, ML3.2/4, MS3.3/10, Ms1 3.3/10, ms1mx3.1/39, Error ellipse: s-maj=25.0km, s-min=15.7km, az=84.0.

ISC 21 07:35:47.6; 3.4, 50.86N; 0.05; 130.32W; 0.05, h4km, 23km, n10, az=184/59, MS3.5/5, Vancouver Island region

Main table for the seventh section, listing station names, coordinates, and times for various stations like HOLB, HGB, PHC, etc.

21d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KITB Prince Rupert, RUBB Texada, SHB Sechelt, etc.

IDC 21 07:56:46.2, 8.4, 29.15N; 130.76E, h0km, mb3.4/5, mb1 3.5/5, mb1mx3.4/45, mbtmp3.4/5, MS3.1/1, Ms1 3.3/1, ms1mx2.5/29, Error ellipse: s-maj=200.0km s-min=43.0km az=4

JMA 21 07:56:50.7, 0.1, 29.34N; 130.96E, h52km, 4km, M3.0, ISC 21 07:56:52.8, 1.1, 29.38N; 130.90E, 0.1, h38km, n15, s=079/17, mb3.2/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYAK Yakushimahirau, JMN Nakanoshima, JMTN Minamitane, etc.

IDC 21 08:03:43.6, 3.2, 6.18S; 147.88E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.6/36, mbtmp3.7/5, ML3.6/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/36, Error ellipse: s-maj=86.7km s-min=26.5km az=98.0

ISC 21 08:03:48.2, 2.5, 6.25S; 148.2E, 0.5, h50km, n8, s167/8, mb3.7/4, New Britain region

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

UPA 21 08:15:35.8, 2.4, 9.74N; 80.95W, h33km, 12km, MW4.9, ISC 21 08:15:31.1, 1.7, 9.80N; 80.95W, 0.03, h4km, 12km, n34, s198/75, 14D, Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZANG Zanguanga, VTON El Valle, PNME Penonome, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHIT3 Paso Ancho, BC3P Chepo, Panama, BRU2 Volcan, etc.

TAP 21 08:45:28.2, 24.92N; 122.46E, h15km, ML3.1, C, JMA 21 08:45:28.8, 0.2, 24.85N; 122.41E, h6km, 4km, M3.0, ISC 21 08:45:28.5, 1.1, 24.88N; 122.43E, 0.02, h11km, 9km, n57, s054/104, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiaog Chiao, NTC Taichung, NTC Taichung, etc.

IDC 21 09:00:05.9, 1.5, 64.32N; 17.85W, h0km, mb3.4/4, mb1 3.8/5, mb1mx3.4/37, mbtmp3.5/5, ML3.8/1, MS3.2/4, Ms1 3.2/4, ms1mx2.7/34, Error ellipse: s-maj=85.2km s-min=23.5km az=51.0, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENAH Nanao, TWE Neicheng, TWE Neicheng, etc.

PGC 21 09:40:45.9, 5.7, 50.71N; 130.54W, h10km, mb4.9, MSN4.4/36, Mw5.2, 220km west of Pt. Hardy, Bc Vancouver Island, Canada Region, BUJ 21 09:40:45.5, 0.1, 51.00N; 130.20W, h8km, mb3.5/7, mb4.8/17, Ms5.4/2, Ms7.5/2/3

IDC 21 09:40:47.9, 0.6, 50.84N; 130.24W, h0km, mb4.2/15, mb1 4.4/24, mb1mx4.3/38, mbtmp4.2/24, ML3.8/9, MS4.5/36, Ms1 4.5/36, ms1mx4.4/51, Error ellipse: s-maj=9.3km s-min=7.6km az=107.0

NEIC 21 09:40:48.7, 50.71N; 130.54W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr0.51; Mw4.15; Mw4.92; Mw3.26; Mw1.29; Mw3.63; Fault plane solution: M:6.80000x10^16 Np1:0.142, 0.00000, 0.890, 0.00000, -1.134, 0.00000. NP2:0.52, 0.00000, 0.84, 0.00000, 0.0, 0.00000. Principal axes: T: 6.5590, Plg30.0000, Azm267.0000; N: 0.4319, Plg44.0000; Azm142.0000; P: -6.9909, Plg31.0000; Azm17.0000;

NEIC 21 09:40:48.6, 1.7, 50.93N; 130.45W, 0.09, h13km, 4km, Error ellipse: s-maj=10.4km s-min=7.1km az=211.0, GCMT 21 08:40:50.0, 0.1, 50.76N; 0.01, 130.52W, 0.01, h14km, MW5.1/39, Moment Tensor Solution, s70.0104, s139.0227; Duration: 0 Moment tensor: Scale 10^16Nm; Mr0.4, 3.31; Mw4.05; Mw1.11; Mw4.63; Mw1.12; Mw1.02; Mw4.33; Mw1.12; Mw1.92; Mw2.26; Best double couple: M:6.40200x10^16 Np1:0.248, 0.00000, 0.74, 0.00000, 0.3, 0.00000. NP2:0.157, 0.00000, 0.87, 0.00000, 0.164, 0.00000. Principal axes: T: 6.8310, Plg13.0000; Azm112.0000; N: -0.8570, Plg74.0000; Azm327.0000; P: -5.9730, Plg9.0000; Azm204.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 09:40:47.4, 2.5, 50.84N; 130.42W, 0.04, h7km, 15km, n595, s167/547, mb4.8/57, MS4.6/35, 1C, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiaog Chiao, NTC Taichung, NTC Taichung, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWD baz=231, FUSH Fushou, FUSS baz=238, WHF Hehuan Shan, WHF Hehuan Shan, WHF Hehuan Shan, etc.

IDC 21 09:00:05.9, 1.5, 64.32N; 17.85W, h0km, mb3.4/4, mb1 3.8/5, mb1mx3.4/37, mbtmp3.5/5, ML3.8/1, MS3.2/4, Ms1 3.2/4, ms1mx2.7/34, Error ellipse: s-maj=85.2km s-min=23.5km az=51.0, Iceland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKA Eskdalemuir Ar, ARCES ARCES Array B, FRB Frohiser Bay, DAVOX Davos/Dischmat, ESDD Sonca Array, RES RES Array, YKA Yellowknife Ar, ILAR Eielson Array, PDAR Pinedale Array, etc.

PGC 21 09:40:45.9, 5.7, 50.71N; 130.54W, h10km, mb4.9, MSN4.4/36, Mw5.2, 220km west of Pt. Hardy, Bc Vancouver Island, Canada Region, BUJ 21 09:40:45.5, 0.1, 51.00N; 130.20W, h8km, mb3.5/7, mb4.8/17, Ms5.4/2, Ms7.5/2/3

IDC 21 09:40:47.9, 0.6, 50.84N; 130.24W, h0km, mb4.2/15, mb1 4.4/24, mb1mx4.3/38, mbtmp4.2/24, ML3.8/9, MS4.5/36, Ms1 4.5/36, ms1mx4.4/51, Error ellipse: s-maj=9.3km s-min=7.6km az=107.0

NEIC 21 09:40:48.7, 50.71N; 130.54W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr0.51; Mw4.15; Mw4.92; Mw3.26; Mw1.29; Mw3.63; Fault plane solution: M:6.80000x10^16 Np1:0.142, 0.00000, 0.890, 0.00000, -1.134, 0.00000. NP2:0.52, 0.00000, 0.84, 0.00000, 0.0, 0.00000. Principal axes: T: 6.5590, Plg30.0000, Azm267.0000; N: 0.4319, Plg44.0000; Azm142.0000; P: -6.9909, Plg31.0000; Azm17.0000;

NEIC 21 09:40:48.6, 1.7, 50.93N; 130.45W, 0.09, h13km, 4km, Error ellipse: s-maj=10.4km s-min=7.1km az=211.0, GCMT 21 08:40:50.0, 0.1, 50.76N; 0.01, 130.52W, 0.01, h14km, MW5.1/39, Moment Tensor Solution, s70.0104, s139.0227; Duration: 0 Moment tensor: Scale 10^16Nm; Mr0.4, 3.31; Mw4.05; Mw1.11; Mw4.63; Mw1.12; Mw1.02; Mw4.33; Mw1.12; Mw1.92; Mw2.26; Best double couple: M:6.40200x10^16 Np1:0.248, 0.00000, 0.74, 0.00000, 0.3, 0.00000. NP2:0.157, 0.00000, 0.87, 0.00000, 0.164, 0.00000. Principal axes: T: 6.8310, Plg13.0000; Azm112.0000; N: -0.8570, Plg74.0000; Azm327.0000; P: -5.9730, Plg9.0000; Azm204.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 09:40:47.4, 2.5, 50.84N; 130.42W, 0.04, h7km, 15km, n595, s167/547, mb4.8/57, MS4.6/35, 1C, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HOLB Holberg, HG4B Hotspring, PHC Port Hardy, PHC Port Hardy, BBB Bella Bella, BBB Bella Bella, BBB Bella Bella, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Dawson Inlet, DAWSON INLET T, Newcastle Ridge, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like G13D, G13D, Klamath Falls, Yreka Blue Hor, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SPR3, Spring Creek 3, Eielson Array, etc.

21d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like N23A, PV20, PV19, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUC, ANMO, ANMO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WWT, OXF, OXF, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Marvell, Clayton, Hartsele, etc.

PGC 21 10:45:44.2,2.5,50.76N;130:45W,h10km,mb4.5, MLSN4.0/32,Mw4.7,213km west of Pt. Hardy, Bc Vancouver Island, Canada Region

IDC 21 10:45:45.7,0.8,50.92N;130:13W,h0km,mb4.1/11, mb1.4,3/19,mb1mx4.1/53,mbmp4.1/19,ML3.79,MS3.9/14, Ms1.3/9/14,ms1mx3.6/61, Error ellipse: s-maj=13.0km s-min=8.5km az=63.

NEIC 21 10:45:46.4,50.76N;130:45W,h5km,Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:0.0; Mw:0.64; Mw:0.70; Mw:1.06; Mw:0.55; Mw:3.4; Fault plane solution: M1:4.0000;10^16 NP1=248.00000, 389.00000, 152.00000. NP2=156.00000, 338.00000, 179.00000. Principal axes: T 1.3335, P1g38.0000, Azm126.0000; N 0.1417, P1g38.0000, Azm9.0000.

NEIC 21 10:45:46.4,1.9,51.00N;0.05:130:28W,0.05,h1km,19km, n420, r145/403, mb4.5/38, MS4.0/10, Vancouver Island region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HOLB, GRNB, HG4B, PHC, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BIB, WSLR, GGBO, CRAG, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like EPYK, HWUT, RND, etc.

21d 11h

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Blue Mesa, Paradox Valley, and various P and I Amb stations.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Barren Site, Belgrade, Cedar Bluff, and various P and I Amb stations.

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Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Tubuai, GERRISS Array B, and various P and I Amb stations.

ADC 21:10:56:27.2, 1.3, 21.146N, 144.27E, h0km, mb3.7/10, m1 3.9/11, mb1mx3.7/4.5, mbtmp3.8/11, ML 4.4/1, Error ellipse: s-maj=36.6km s-min=26.8km az=78.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Chichijima, Zalesovo Beam, and WAKE ISLAND Hy.

MOS 21:11:09:57.0, 0.9, 35.96N, 70.65E, h87km, mb4.3/3, Error ellipse: s-maj=16.2km s-min=14.8km az=74.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Cherat, Thammie Wali, and various P and I Amb stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MDOK Medeo, CHHK Chushkaly, SATY Saty, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASCN Ascension, H10N2 ASCENSION HYDR, etc.

SOME 21 11:34:11.1, 44.57N, 82.12E, h10km
NVC 21 11:34:13.0, 44.65N, 82.01E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=10.1km s-min=3.4km az=126.0

ISC 21 11:34:11.9, 1.1, 44.63N, 0.05, 82.07E, 0.06, h10km, n27,
s15842, 6C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DJR Jarkent, KAPS Kapalarasan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARXS Arhary, ZSN Zaisan, etc.

IDC 21 11:34:07.6, 0.3, 2.08N, 126.50E, h0km, mb5.7/56,
mb1.5/756, mb1mx5.7/61, mbtmp4.7/56, MS5.7/32,
ms1.5/732, ms1mx5.6/240, Error ellipse: s-maj=11.3km

BUI 21 11:34:12.7, 0.0, 2.09N, 126.80E, h50km, mb6.0/79,
mb5.9/78, MS6.2/96, MS7.6/287

NEIC 21 11:34:13.6, 2.0, 2.09N, 126.65E, 0.06, h41km, 1km,
mb6.0/269, Ms 2.0/6821, Mw6.3/58, Mw6.4/109,
Mw6.6/3, Mw6.4(GCMT), Error ellipse: s-maj=10.0km

DJA 21 11:34:14.4, 0.2, 2.1N, 127.7E, h45km, 2km, M6.1/131,
M6.3/127, mb6.0/131, MLV6.1/20, Mw6.3/73,
Mw6.6/10, 0.127, Mw6.2/114

MOS 21 11:34:14.5, 1.0, 2.05N, 126.54E, h71km, mb6.2/105,
MS5.8/70, Error ellipse: s-maj=7.0km s-min=4.1km
az=112.9

HON 21 11:34:14.2, 8.2, 2.25N, 126.85E, 0.06, h66km, 3km,
Error ellipse: s-maj=9.4km s-min=7.4km az=64.0

NEIC 21 11:34:14.7, 2.1, 11N, 126.66E, h40km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mr3.05;
Mw=0.18; Mw=2.87; Mw=0.40; Mw=1.52; Mw=1.23; Fault
plane solution: Ms3.58000x10^18 NP1:201.50000*,

555.72000*, 1.86.64000*. NP2:207.46000*, 834.43000*,
7.94.92000*. Principal axes: T 3.3004, Plg79.0000*,
Az2199.0000*; N 0.4974, Plg8.0000*, Azm203.0000*; P
3.7978, Plg11.0000*, Azm294.0000*.

GCMT 21 11:34:17.6, 0.0, 2.29N, 126.51E, h33km, MW6.4/173,
Moment Tensor Solution. s173.c435; s167.c680;
Duration: 3s8 Moment tensor: Scale 10^18Nm;
Mr4.33c.02; Mw=0.43c.02; Mw=3.90c.02; Mw=0.77c.03;
Mr=1.73t.01; Mw=1.61t.03; Best double couple:
Ms4.81600x10^18 NP1:201.00000*, 834.00000*,
7.88.00000*. NP2:206.200000*, 856.00000*, 1.91.00000*.

Principal axes: T 4.6750, Plg79.0000*, Azm119.0000*;
0.2820, Plg1.0000*, Azm23.0000*; Plg11.00000*,
Azm295.00000*. nst1 refers to body waves, cutoff=40s.
n27 refers to surface/body waves, cutoff=50s.

Triangular moment-rate function
KLM 21 11:34:18.0, 0.2, 14N, 126.47E, h55km, mb6.0

NEIC 21 11:34:19.2, 2.14N, 126.53E, h33km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mr4.13;
Mw=0.27; Mw=3.86; Mw=0.47; Mw=1.67; Mw=1.55; Fault
plane solution: Ms4.63000x10^18 NP1:203.00000*,
835.00000*, 1.93.00000*. NP2:200.00000*, 855.00000*,
7.88.00000*. Principal axes: T 4.4242, Plg80.0000*,
Azm102.00000*; N 0.3856, Plg2.0000*, Azm201.00000*; P
-4.8099, Plg10.0000*, Azm291.00000*.

NEIC 21 11:34:19.2, 2.33N, 126.65E, h46km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mr3.77;
Mw=0.94; Mw=2.83; Mw=0.00; Mw=0.69; Mw=1.00; Fault
plane solution: Ms3.61000x10^18 NP1:21.00000*,
1.85.00000*, 1.96.00000*. NP2:194.00000*, 853.00000*,
8.63.00000*. Principal axes: T 3.9153, Plg1.00000*,
Azm82.00000*; N -0.7294, Plg4.00000*, Azm197.00000*; P
-3.1858, Plg8.00000*, Azm287.00000*.

NEIC 21 11:34:27.9, 2.04N, 126.53E, h35km, Moment Tensor
Solution. Moment tensor: Scale 10^18Nm; Mr4.82;
Mw=0.98; Mw=3.84; Mw=0.23; Mw=1.57; Mw=1.31; Fault
plane solution: Ms4.65000x10^18 NP1:195.77000*,
832.60000*, 1.80.25000*. NP2:21.420000*, 838.87000*,
1.102.30000*. Principal axes: T 6.0449, Plg80.0000*,
Azm63.00000*; N -0.3812, Plg8.00000*, Azm202.00000*; P
-4.6637, Plg7.00000*, Azm293.00000*.

ISC 21 11:34:14.9, 0.3, 2.10N, 126.02E, 126.56E, 0.03, h52km, 2km,
h53km, PP-N2086, s1968/2082, mb6.0/288, MS6.0/516,
115C-29D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TINTI Ternate, SGSI Sangihe, etc.

IDC 21 11:12:31.0, 1.1, 52.82S, 22.08E, h0km, mb4.0/4,
mb1.4/4, mb1mx3.7/31, mbtmp4.0/4, MS3.9/5, Ms1.3/8.5,
ms1mx3.5/47, Error ellipse: s-maj=53.2km s-min=25.3km
bz=81

ISC 21 11:12:32.3, 1.0, 52.8S, 0.2, 21.9E, 0.3, h10km, n12,
s035/9, mb4.0/4, MS3.7/5, South of Africa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, BOSHA Boshof, etc.

NEIC 21 11:25:08.5, 2.7, 6.88S, 0.07, 12.55W, 0.09, h10km, 1km,
mb4.5/13, Error ellipse: s-maj=17.4km s-min=7.1km
bz=126.0

IDC 21 11:25:09.2, 0.8, 6.77S, 12.25W, h0km, mb4.0/14,
mb1.4/115, mb1mx4.0/38, mbtmp4.1/15, ML3.3/1, MS3.9/4,

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Lovozero, Beaver Creek, Kahav, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Malin Array, Kishinev, etc.

21d 11h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Bucovina Array, Fauske, etc.

21d 11h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, BER, etc.). Includes stations like VYHS, NB2, NOA, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like CLL, COLM, D05A, etc.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like NEW, TEOL, FETA, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and various status codes. Includes entries like MDND Maddock, E28A Huff, ULM Lac du Bonnet, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and various status codes. Includes entries like N33A comp=2.3um,20.0s, SFS San Fernando, AMTX Amarillo, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Fax, Email, Website, and various status codes. Includes entries like L44A Lake County Fo, MG01 Puerto William, ZAI8 Zacatecas, etc.

21d 11h

Table with columns: Abbreviation, Name, Time, Date, Location, Status, etc. Includes entries like HBAR Harrisburg, BLO Bloomington, PVMO Portageville, etc.

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Table with columns: Abbreviation, Name, Time, Date, Location, Status, etc. Includes entries like N53A Lisbon, O52A Adams, KIC Kosan, etc.

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Table with columns: Abbreviation, Name, Time, Date, Location, Status, etc. Includes entries like SSPA Standing Stone, Q54A Coss Mills, K61A Williamsston, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like R57A Stanardsville, S56A Natural Bridge, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like Y60A Bolivia, Z59A Georgetown, SC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like SJG comp=Z,14nm,0.7s, etc.

ADC 21 11:45:01.2,2,3,28N,127.15E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.5/9, mbmtmp3.9/4, Error ellipse: s-maj=123.0km s-min=25.8km az=70.0, Talaud Islands

TAP 21 11:46:59.9,24:88N,122:42E, h13km, ML2.5, D JSC 21 11:46:59.3,0.3,24:82N,122:41E, h6km, M2.5

IMA 21 11:46:58.8,1,2,24:85N,122:00E,122:39E,0.03,112kmx10km, n34,0568/61, Taiwan region

Table with columns: Code, Station Name, Frequency, Power, Mode, Status, and other technical details. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERNATE, SANGIHE, CIBINONG, etc.

IDC 21 12:10:32.6:1.2, 1.94N, 126.25E, h0km, mb3.9/6, mb1.4/1.7, mb1mx3.8/4.2, mbtmp3.9/7, ML3.9/1, MS4.4/1, MS1.4/4.1, ms1mx3.7/4.0, Error ellipse: s-maj=121.8km s-min=18.0km az=70.0

IDC 21 12:10:37.6:0.9, 2.13N, 077.126:81E, 0.8h, h35km, n15, e150:116, mb4.0/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERNATE, SANGIHE, CIBINONG, etc.

IDC 21 12:11:20.3:1.5, 2.36N, 126.70E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.7/4.4, mbtmp3.8/6, Error ellipse: s-maj=76.3km s-min=19.2km az=68.0

IDC 21 12:11:25.7:1.5, 2.2N, 02.126:6E, 0.4, h35km, n6, e059:2/6, mb3.7/5, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ, WARRAMUNGA ARR, etc.

IDC 21 12:14:20.3:0.5, 2.03N, 126.51E, h0km, mb4.3/20, mb1.4/2.1, mb1mx4.2/5.2, mbtmp4.2/2.1, ML3.9/1, Error ellipse: s-maj=27.8km s-min=11.3km az=76.0

MAN 21 12:14:22.1, 1.64N, 125.37E, h16km, mb3.3, ML4.3, MS4.5, NEIC 21 12:14:26.0, 2.2, 0.28N, 0.04E, 126.71E, 0.07, h35km, 2km, mb4.5/1.8, Error ellipse: s-maj=12.0km s-min=7.3km az=272.0

DJA 21 12:14:27.0:0.2, 2.2N, 2.12:7E, h56km, 5km, M4.6/22, mb5.2/4, mb4.7/22, MLV4.5/16, Mw(MB)4.6/4, KLM 21 12:14:27.0, 2.08N, 126.89E, h56km, mb4.9

IDC 21 12:14:26.0:0.4, 2.14N, 0.05E, 126.76E, 0.07, h35km, n87, e142:88, mb4.3/26, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERNATE, SANGIHE, CIBINONG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, KASAI, etc.

IDC 21 12:19:03.9:1.8, 2.1N, 0.1E, 126.65E, 0.08, h35km, 2km, mb4.1/8, Error ellipse: s-maj=23.6km s-min=4.4km az=214.0

DJA 21 12:19:06.0:0.3, 2.1N, 3.12:7E, h42km, 10km, M4.3/13, mb5.0/1, mb4.5/16, MLV4.3/13, Mw(MB)4.4/1

IDC 21 12:19:05.3:0.7, 2.14N, 0.05E, 126.71E, 0.08, h47km, n40, e159:142, mb4.2/11, Northern Molucca Sea

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

IDC 21 12:19:03.9:1.8, 2.1N, 0.1E, 126.65E, 0.08, h35km, 2km, mb4.1/8, Error ellipse: s-maj=23.6km s-min=4.4km az=214.0

DJA 21 12:19:06.0:0.3, 2.1N, 3.12:7E, h42km, 10km, M4.3/13, mb5.0/1, mb4.5/16, MLV4.3/13, Mw(MB)4.4/1

IDC 21 12:19:05.3:0.7, 2.14N, 0.05E, 126.71E, 0.08, h47km, n40, e159:142, mb4.2/11, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERNATE, SANGIHE, CIBINONG, etc.

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

IDC 21 12:30:35.3:1.5, 2.19N, 126.59E, h0km, mb3.4/5, mb1.3/0.5, mb1mx3.4/4.2, mbtmp3.5/5, MS4.2/1, Ms1.4/2.1, ms1mx3.5/2.9, Error ellipse: s-maj=110.4km s-min=20.7km az=71.0

DJA 21 12:30:41.3:1.9, 2.2N, 5.12:7E, h22km, 19km, M3.8/8, mb5.6/2, mb4.2/3, MLV3.6/8, Mw(MB)5.0/2

IDC 21 12:30:40.5:1.2, 2.2N, 0.1E, 126.8E, 0.1, h35km, n12, e152:7/11, mb3.5/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TERNATE, SANGIHE, CIBINONG, etc.

IDC 21 12:33:45.9:2.0, 0.85S, 127.24E, h0km, mb3.2/3, mb1.3/4.4, mb1mx3.2/4.2, mbtmp3.3/4, ML2.8/1, Error ellipse: s-maj=17.5km s-min=26.9km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ, WARRAMUNGA ARR, etc.

IDC 21 12:34:31.1:2.1, 0.32S, 127.37E, h0km, mb3.2/3, mb1.3/4.4, mb1mx3.3/4.1, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=116.9km s-min=28.2km az=70.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ, WARRAMUNGA ARR, etc.

GUC 21 12:36:56.0:0.8, 35.72S, 71.73W, h82km, 4km, ML4.7, NEIC 21 12:36:56.1:2.1, 35.71S, 0.05E, 71.76W, 0.10, h83km, 2km, Error ellipse: s-maj=12.1km s-min=6.6km az=116.0

IDC 21 12:36:57.2:2.1, 35.74S, 71.41W, h79km, 18km, mb4.1/13, mb1.4/2.16, mb1mx4.1/2.17, mbtmp4.4/1.6, Error ellipse: s-maj=23.9km s-min=10.5km az=89.0

IDC 21 12:36:56.0:0.8, 35.73S, 0.03E, 71.72W, 0.06, h78km, 7km, n107, e192:1/19, mb4.7/20, 2C-12D, Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SIERRA BELLAVI, TIGO, etc.

21d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Juan Fernandez, San Ignacio de los Rios, etc.

IDC 21 12:46:47.0.3.4.2.08N.126.61E, h28km, 23km, mb3.8/13, mb1.4/0.14, mb1.9m/3.9M, mbtmp3.4/4, ML4.3/1, Error ellipse: s-maj=33.9km s-min=11.4km az=74.0, DJA 21 12:46:50.0.0.9.2.N.2.12.7E, h32km, 14km, M4.4/12, mb5.0/3, mb4.5/8, MLV4.3/12, Mw(mb)4.4/3

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

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

IDC 21 12:59:01.9.0.7.2.11N.126.61E, h0km, mb3.8/12, mb1.4/0.13, mb1mx3.8/4.2, mbtmp3.8/13, ML3.0/1, Error ellipse: s-maj=36.0km s-min=13.8km az=73.0, DJA 21 12:59:07.8.1.2.N.3.12.7E, h19km, 11km, M4.1/12, mb5.0/3, mb4.3/4, MLV4.0/12, Mw(mb)4.3/2

ISC 21 12:59:07.6.0.6.2.19N.0.06E.126.77E.0.08, h35km, n21, c154/25, mb3.8/11, Northern Molucca Sea

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

IDC 21 13:06:35.9.1.7.2.49N.127.61E, h0km, mb3.2/4, mb1.3/5/4, mb1mx3.3/3.9, mbtmp3.4/4, ML4.1/1, Error ellipse: s-maj=62.7km s-min=25.0km az=67.0, Northern Molucca Sea

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

IDC 21 13:10:35.1.1.2.17N.126.73E, h0km, mb3.4/4, mb1.3/7/4, mb1mx3.4/3.6, mbtmp3.5/4, MS4.0/1, Ms1.4.0/1, ms1mx3.2/2.5, Error ellipse: s-maj=123.0km s-min=23.5km az=69.0, DJA 21 13:10:40.8.2.1.2.N.16.12.7E, h23km, 22km, M3.5/4, MLV3.5/4

ISC 21 13:10:40.5.1.8.2.2N.0.3.126.7E.0.6, h35km, n5, c1912/5, mb3.6/3, Northern Molucca Sea

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

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

IDC 21 13:19:47.3.1.6.2.26N.126.65E, h0km, mb3.4/4, mb1.3.6/4, mb1mx3.4/3.4, mbtmp3.4/4, Error ellipse: s-maj=116.6km s-min=24.4km az=69.0, Northern Molucca Sea

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

IDC 21 13:29:49.0.4.2.11N.126.54E, h0km, mb5.1/41, mb1.5/141, mb1mx5.1/50, mbtmp5.1/41, Error ellipse: s-maj=15.5km s-min=9.5km az=73.0, KLM 21 13:29:51.0.2.23N.126.75E, h7km, mb5.2, BUJ 21 13:29:54.0.0.0.1.81N.126.67E, h65km, mb5.3/46, mb5.9/73, MS5.0/23, ML4.7/24, MOS 21 13:29:56.6.0.2.08N.126.53E, h66km, mb5.5/78, Error ellipse: s-maj=7.5km s-min=4.1km az=115.6, NEIC 21 13:29:57.1.1.5.2.04N.0.06E.126.60E.0.06, h57km, 4km, mb5.2/188, Error ellipse: s-maj=9.3km s-min=7.5km az=55.0, DJA 21 13:29:58.0.2.2.N.2.12.7E, h43km, 7km, M4.8/37, mb5.3/25, mb5.2/37, MLV5.0/19, Mw(mb)4.8/25, Mwp6.4/1, MAN 21 13:30:06.0.2.268N.126.49E, h33km, mb5.3, ML4.3, MS4.5, ISC 21 13:29:57.7.4.2.13N.0.03E.126.63E.0.04, h59km, 3km, mb67.7, c1914/706, mb5.3/216, MS4.8/7, 37C-22D, Northern Molucca Sea

IDC 21 13:29:58.0.2.2.N.2.12.7E, h43km, 7km, M4.8/37, mb5.3/25, mb5.2/37, MLV5.0/19, Mw(mb)4.8/25, Mwp6.4/1, MAN 21 13:30:06.0.2.268N.126.49E, h33km, mb5.3, ML4.3, MS4.5, ISC 21 13:29:57.7.4.2.13N.0.03E.126.63E.0.04, h59km, 3km, mb67.7, c1914/706, mb5.3/216, MS4.8/7, 37C-22D, Northern Molucca Sea

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

IDC 21 13:30:06.0.2.268N.126.49E, h33km, mb5.3, ML4.3, MS4.5, ISC 21 13:29:57.7.4.2.13N.0.03E.126.63E.0.04, h59km, 3km, mb67.7, c1914/706, mb5.3/216, MS4.8/7, 37C-22D, Northern Molucca Sea

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

21d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JAY Jayapura, SRBI Singaraja, MTN Mantion Dam, etc.

2014 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SDSA Sungai Dareh, BKNI Bangkok, BKNI Bangkinang, etc.

1030

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KMI Kunming, KMI Kunming, MORW Morawa, etc.

Table with columns: Name, RA, Dec, Az, El, P, Max, Min, etc. Includes stations like BILL Bilibino, UOSS Minarif, and various other locations.

Table with columns: Name, RA, Dec, Az, El, P, Max, Min, etc. Includes stations like VRH Novokhoporsky, SEB Sebard, and various other locations.

Table with columns: Name, RA, Dec, Az, El, P, Max, Min, etc. Includes stations like ARCES ARCES Array B, QSPA South Pole Qui, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SS4A, PLCA, PLCA, MATN, etc.

IDC 21 14:00:57.4,0.5,2.09N,126.61E,h0km,mb4.3/21, mb1 4.5/21,mb1mx4.3,36,mbmp4.3/21,MS3.4/1, MS1 3.4/1,ms1mx3.0/48,Error ellipse: s-maj=26.1km s-min=9.0km az=74.0

NEIC 21 14:01:03.8,1.8,2.04N,126.56E,0.07,h49km,6km, mb4.7/48,Error ellipse: s-maj=10.4km s-min=7.6km az=61.0

DJA 21 14:01:05.2,0.2,2.12N,127.7E,h50km,5km,M4.5/24, mb5.1/6,mb1.6/24,MLV4.4/15,MLM4.4/6

MAN 21 14:01:06.8,2.19N,125.63E,h15km,mb5.5,ML4.5,MS4.7

ISC 21 14:01:04.6,0.9,2.11N,126.00E,126.60E,0.05,h52km,8km, n136,ct132/137,mb4.6/51,2C,Northern Molucca Sea

Main table for 1033 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TATI, TATI, TATI, etc.

Main table for 2014 DEC with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHN, Wuhu, Nanjing, etc.

Table for 21d 14h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COLD, Coldfoot, ILAR, etc.

WEL 21 14:15:16.3,45.54,16.7E,h42km,6km,M3.7/19, ML3.9/19,MLV3.7/19,Error ellipse: s-maj=0.0km s-min=0.0km az=55.8,Off west coast of South Island

Main table for 21d 14h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Code, Station Name, etc.

IDC 21 14:18:39.2,2.2,2.11N,126.57E,h28km,14km,mb4.8/53, mb1 4.7/53,mb1mx4.7/62,mbmp4.9/53,MS4.1/16, MS1 4.1/16,ms1mx3.9/41,Error ellipse: s-maj=12.4km s-min=6.9km az=67.0

Bull 21 14:18:39.3,0.0,1.89N,126.50E,h59km,mb5.4/43, mb5.1/73,MS4.8/33,MS7.4/67

KLM 21 14:18:41.0,2.20N,126.79E,h51km,mb5.3

NEIC 21 14:18:41.9,2.12N,126.62E,0.06,h53km,4km, mb5.2/30,Error ellipse: s-maj=10.1km s-min=7.4km az=58.0

MOS 21 14:18:42.2,1.2,1.6N,126.49E,h68km,mb5.4/65,Error ellipse: s-maj=7.7km s-min=4.1km az=121.1

DJA 21 14:18:43.1,0.2,2.12N,127.7E,h62km,2km,M4.9/26, mb5.4/43,mb5.1/72,MLV5.0/19,MLM4.9/43,MWP6.2/4

GCMT 21 14:18:45.3,0.2,2.48N,126.42E,0.02,h32km, MV5.4/101,Moment Tensor Solution. s62,671; s101,ct133; Duration: 1s2 Moment tensor: Scale 1017 N10, M11,202,06; M20,0,44,03; M30,0,76,04; M30,0,2,05; M30,0,36,02; M30,0,89,06; Best double couple: M1,42200,1017; NP1,38,440,00000; 326,00000; 1,107,00000; NP2,201,00000; 865,00000; 1,82,00000.

Principal axes: T 1.5450, P169.0000, Azm95.0000; N -0.2450, P17.0000, Azm204.0000; P -1.3000, P179.0000, Azm297.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 21 14:18:43.2,0.5,2.19N,126.60E,0.04,h63km,4km, n583,ct138/606,mb5.2/192,22C-19D,Northern Molucca Sea

Main table for 21d 14h with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TATI, Ternate, TATI, etc.

21d 14h

Table with columns: ARU, SS, SS, 14 40 51.9 -6.1, etc. Includes stations like Arti, Akhty, Ar Rayn, etc.

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Table with columns: OBN, Obninsk, 88.24 325 P, etc. Includes stations like Obninsk, KMBKO, etc.

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Table with columns: ASAR, Alice Springs, 46.93 252 P, etc. Includes stations like Alice Springs, GSPA, etc.

21d 16h

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

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

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

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like CMAR, MKAR, NRIK, KURK, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like PV17, PV13, X16A, ANMO, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like KST, TKM2, TKM2, etc.

21d 17h

| | | | | | |
|--------------|-----------------------------------|------------|-----|---|-----------------|
| UZH | Uzhgorod | 75.81 326 | eP | P | 17 02 49.1 -0.4 |
| UZH | | 17 02 58.2 | e | | |
| UZH | | 17 03 15.3 | e | | |
| CRVS | Cervenica-Dubn | 75.93 326 | eP | P | 17 02 50.9 +0.7 |
| CRVS | | | pmx | | |
| CRVS | comp=Z,38nm,1.7s | | | | |
| CFR | Cervenica-Dubn | 75.93 326 | eP | P | 17 02 50.9 +0.7 |
| CFR | Carcaiu | 75.97 320 | iP | P | 17 02 51.6 +1.2 |
| CFR | Carcaiu | 75.97 320 | iP | P | 17 02 51.8 +1.4 |
| CIE | | | pmx | | |
| CIE | comp=Z,9.0nm,1.3s | | | | |
| NIE | Niedzica | 75.98 327 | eP | P | 17 02 52.2 +1.8 |
| NIE | Niedzica | 75.98 327 | eP | P | 17 02 52.0 +1.6 |
| NIE | | | pmx | | |
| NIE | comp=Z,9.0nm,1.2s | | | | |
| TUC | Tucson | 76.06 59 | P | P | 17 02 52.7 +1.4 |
| TUC | Tucson | 76.06 59 | P | P | 17 02 53.1 +1.8 |
| TUC | | | pmx | | |
| TUC | comp=Z,4.0nm,1.0s | | | | |
| VRI | Vrincioiaia | 76.08 322 | iP | P | 17 02 52.2 +1.1 |
| VRI | Vrincioiaia | 76.08 322 | iP | P | 17 02 52.1 +1.1 |
| TPGR | Topolog | 76.08 320 | iP | P | 17 02 52.5 +1.4 |
| ARC | ARCALIA | 76.17 324 | iP | P | 17 02 52.9 +1.3 |
| KSP | Ksiaz | 76.30 330 | P | P | 17 02 53.1 +0.9 |
| KSP | Ksiaz | 76.30 330 | P | P | 17 02 53.2 +0.9 |
| KSP | | | pmx | | |
| KSP | comp=Z,18nm,0.9s | | | | |
| T25A | Trinidad | 76.45 51 | P | P | 17 02 54.4 +0.8 |
| LANS | Liptovska Anna | 76.52 328 | eP | P | 17 02 55.1 +1.6 |
| LANS | | | pmx | | |
| LANS | comp=Z,13nm,1.1s | | | | |
| LANS | Liptovska Anna | 76.52 328 | eP | P | 17 02 55.1 +1.6 |
| OStas | Ostas | 76.57 330 | eP | P | 17 02 54.7 +0.9 |
| DOPR | Dopca | 76.60 322 | iP | P | 17 02 55.4 +1.4 |
| CHVC | Chvalec | 76.60 330 | eP | P | 17 02 54.6 +0.7 |
| UPC | Upice | 76.68 330 | eP | P | 17 02 55.1 +0.7 |
| UPC | Upice | 76.68 330 | eP | P | 17 02 55.1 +0.7 |
| UPC | | | pmx | | |
| UPC | comp=Z,2.0nm,0.8s | | | | |
| DORUSKA-POLM | Dobruska-Polom | 76.70 330 | eP | P | 17 02 55.7 +1.2 |
| DPC | Dobruska-Polom | 76.70 330 | eP | P | 17 02 55.7 +1.2 |
| MLR | Murleza Rosu | 76.72 322 | iP | P | 17 02 56.8 +2.0 |
| MORC | Moravsky Berou | 76.73 329 | iP | P | 17 02 55.6 +0.9 |
| MORC | Moravsky Berou | 76.73 329 | iP | P | 17 02 55.6 +0.9 |
| MORC | Moravsky Berou | 76.73 329 | iP | P | 17 02 55.9 +1.2 |
| MORC | | | pmx | | |
| MORC | comp=Z,15nm,0.8s | | | | |
| ANMO | Albuquerque | 76.83 54 | P | P | 17 02 57.1 +1.4 |
| ANMO | Albuquerque | 76.83 54 | P | P | 17 02 57.1 +1.4 |
| ANMO | | | pmx | | |
| ANMO | comp=Z,2.0nm,0.8s | | | | |
| NRDL | Niedersach Ries | 76.96 335 | eP | P | 17 02 56.2 +0.4 |
| CLL | Collm | 77.05 332 | iP | P | 17 02 56.5 +0.1 |
| CLL | Collm | 77.05 332 | iP | P | 17 02 56.5 +0.1 |
| CLL | | | pmx | | |
| CLL | comp=Z,27nm,0.9s | | | | |
| CLL | Collm | 77.05 332 | iP | P | 17 02 56.3 -0.1 |
| CLL | Collm | 77.05 332 | iP | P | 17 02 56.3 -0.1 |
| CLL | | | pmx | | |
| CLL | comp=Z,27nm,0.9s,baz=31,slow=5.6 | | | | |
| ASSE | Asse, Remlinge | 77.10 334 | eP | P | 17 02 57.3 +0.7 |
| BRG | Berggiesshubel | 77.10 332 | iP | P | 17 02 57.0 +0.3 |
| BRG | Berggiesshubel | 77.10 332 | iP | P | 17 02 57.0 +0.3 |
| BRG | | | pmx | | |
| BRG | comp=Z,18nm,1.3s | | | | |
| BRG | Berggiesshubel | 77.10 332 | iP | P | 17 02 56.5 -0.1 |
| DRGR | DRGR | 77.10 324 | iP | P | 17 02 58.1 +1.2 |
| DRGR | DRGR | 77.10 324 | iP | P | 17 02 57.5 +0.6 |
| DRGR | | | pmx | | |
| DRGR | comp=Z,6.0nm,1.2s | | | | |
| VOIR | VOIR | 77.16 322 | iP | P | 17 02 58.5 +1.2 |
| VOIR | VOIR | 77.16 322 | iP | P | 17 02 59.0 +1.8 |
| VOIR | | | pmx | | |
| VOIR | comp=Z,6.0nm,1.3s | | | | |
| PVCC | Panska Ves | 77.17 331 | eP | P | 17 02 58.2 +1.1 |
| PVCC | Panska Ves | 77.17 331 | eP | P | 17 02 58.2 +1.1 |
| FBE | Freiberg | 77.26 332 | eP | P | 17 02 57.7 +0.1 |
| VYHS | Vyhne | 77.29 328 | eP | P | 17 02 58.8 +1.0 |
| VYHS | | | pmx | | |
| VYHS | comp=Z,14nm,1.3s | | | | |
| BR131 | Keskin Array S | 77.34 314 | P | P | 17 02 58.8 +1.0 |
| BR131 | Keskin Array S | 77.34 314 | P | P | 17 02 58.9 +0.5 |
| BR131 | | | pmx | | |
| BR131 | comp=Z,4.0nm,0.8s | | | | |
| BRTR | Keskin Array B | 77.34 314 | P | P | 17 02 59.3 +0.9 |
| PSZ | Piszkesteto | 77.35 327 | P | P | 17 02 59.2 +1.0 |
| PSZ | | | pmx | | |
| PSZ | comp=Z,9.0nm,1.0s | | | | |
| ARR | Arges | 77.40 322 | iP | P | 17 03 00.6 +2.0 |
| JAVC | Velka Javorina | 77.44 329 | eP | P | 17 03 00.6 +1.9 |
| CLZ | Clausthal | 77.44 334 | eP | P | 17 02 59.1 +0.4 |
| CLZ | | | pmx | | |
| CLZ | comp=Z,24nm,0.9s,baz=31,slow=5.6 | | | | |
| VRAC | Vranov | 77.47 329 | iP | P | 17 02 59.6 +0.8 |
| VRAC | Vranov | 77.47 329 | iP | P | 17 02 59.6 +0.8 |
| VRAC | Vranov | 77.47 329 | iP | P | 17 03 00.0 +1.2 |
| VRAC | | | pmx | | |
| VRAC | comp=Z,18nm,1.3s | | | | |
| NEUB | Neuenburg | 77.54 333 | eP | P | 17 02 59.7 +0.6 |
| PRU | Pruhonice | 77.64 331 | eP | P | 17 03 00.8 +1.1 |
| PRU | Pruhonice | 77.64 331 | eP | P | 17 03 00.8 +1.1 |
| 121A | Cookes Peak, D | 77.73 57 | P | P | 17 03 02.3 +1.5 |
| KRUC | Moravsky | 77.74 329 | eP | P | 17 03 01.3 +1.0 |
| KRUC | Moravsky | 77.74 329 | eP | P | 17 03 01.6 +1.3 |
| KRUC | | | pmx | | |
| KRUC | comp=Z,18nm,2.5s | | | | |
| SMOL | Smolenice | 77.81 328 | eP | P | 17 03 02.0 +1.3 |
| SMOL | | | pmx | | |
| SMOL | comp=Z,6.0nm,1.2s | | | | |
| SMOL | Smolenice | 77.81 328 | eP | P | 17 03 02.0 +1.3 |
| SMOL | Smolenice | 77.81 328 | eP | P | 17 03 01.1 +0.4 |
| SMOL | | | pmx | | |
| SMOL | comp=Z,14nm,0.9s,baz=31,slow=5.6 | | | | |
| IBBN | Ibbenburen | 77.83 336 | eP | P | 17 03 01.0 +0.3 |
| ESK | Eskdalemuir | 77.86 343 | P | P | 17 03 01.3 +0.5 |
| ESK | | | pmx | | |
| ESK | comp=Z,30nm,1.3s | | | | |
| TREC | Trest | 77.88 330 | P | P | 17 03 02.0 +0.9 |
| TREC | | | pmx | | |
| TREC | comp=Z,5.0nm,1.7s | | | | |
| MODS | Modra-Piesok | 77.98 328 | eP | P | 17 03 01.9 +0.2 |
| MODS | | | pmx | | |
| MODS | comp=Z,16nm,1.3s | | | | |
| MODS | Modra-Piesok | 77.98 328 | eP | P | 17 03 01.9 +0.2 |
| MODS | Werd | 78.03 334 | eP | P | 17 03 02.0 +0.2 |
| MODS | | | pmx | | |
| MODS | comp=Z,6.8nm,0.8s,baz=31,slow=5.6 | | | | |
| PLN | Plauen | 78.03 332 | eP | P | 17 03 02.1 +0.2 |
| SRO | Srobarova | 78.05 328 | eP | P | 17 03 03.2 +1.2 |
| SRO | Srobarova | 78.05 328 | eP | P | 17 03 03.2 +1.2 |
| SRO | | | pmx | | |
| SRO | comp=Z,2.4nm,1.0s,baz=31,slow=5.6 | | | | |
| MOX | Moxa | 78.07 333 | eP | P | 17 03 02.6 +0.5 |
| MOX | Moxa | 78.07 333 | eP | P | 17 03 02.3 +0.2 |
| MOX | | | pmx | | |
| MOX | comp=Z,12nm,1.2s,baz=31,slow=5.6 | | | | |
| GUNZ | Gunzen | 78.08 332 | eP | P | 17 03 02.1 -0.1 |
| GUNZ | | | pmx | | |
| GUNZ | comp=Z,20nm,1.6s,baz=31,slow=5.6 | | | | |
| PBCC | Pribram | 78.08 331 | eP | P | 17 03 02.8 +0.6 |
| COPA | Copaceanca | 78.10 321 | iP | P | 17 03 02.7 +1.3 |
| WERN | Wernitzgraben | 78.13 332 | eP | P | 17 03 02.2 -0.2 |
| WERN | | | pmx | | |
| WERN | comp=Z,12nm,1.0s,baz=31,slow=5.6 | | | | |
| NKC | Novy Kostel | 78.15 332 | eP | P | 17 03 03.3 +0.7 |
| NKC | Novy Kostel | 78.15 332 | eP | P | 17 03 03.3 +0.7 |
| NKC | | | pmx | | |
| NKC | comp=Z,12nm,1.0s,baz=31,slow=5.6 | | | | |
| GZR | Gura Zlata | 78.18 324 | iP | P | 17 03 04.1 +0.1 |
| UBBA | Unterbreizbach | 78.44 334 | eP | P | 17 03 05.0 +0.7 |
| UBBA | | | pmx | | |
| UBBA | comp=Z,9.4nm,1.2s,baz=31,slow=5.6 | | | | |
| MANZ | Manzenberg | 78.47 332 | eP | P | 17 03 05.0 +0.7 |
| BZS | Buzias | 78.50 324 | iP | P | 17 03 05.8 +1.2 |
| BZS | Buzias | 78.50 324 | iP | P | 17 03 05.6 +1.1 |
| BZS | | | pmx | | |
| BZS | comp=Z,7.0nm,1.7s | | | | |
| ROTZ | Rotzenmuhle | 78.63 332 | eP | P | 17 03 06.0 +0.8 |
| KHC | Kasperske Hory | 78.70 331 | eP | P | 17 03 07.1 +1.5 |
| KHC | | | pmx | | |
| KHC | comp=Z,35nm,1.3s | | | | |

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| | | | | | |
|-------|-------------------------------------------|-----------|-----|---|-----------------|
| KHC | Kasperske Hory | 78.70 331 | eP | P | 17 03 06.5 +0.9 |
| MATO | Matagami | 78.73 28 | P | P | 17 03 06.3 +0.5 |
| BUG | Bochum-Univer | 78.74 336 | P | P | 17 03 06.6 +0.9 |
| BUG | | | pmx | | |
| BUG | comp=Z,16nm,2.5s | | | | |
| BUG | Bochum-Univer | 78.74 336 | eP | P | 17 03 06.3 +0.6 |
| SOP | Sopron | 78.83 328 | P | P | 17 03 07.5 +1.2 |
| SOP | | | pmx | | |
| SOP | comp=Z,12nm,1.3s | | | | |
| GEC2 | GERESS Array S | 78.90 331 | eP | P | 17 03 07.2 +0.4 |
| GEC2 | Grafenber Arr | 79.02 331 | eP | P | 17 03 07.2 +0.4 |
| GEC2 | | | pmx | | |
| GEC2 | comp=Z,4.3nm,0.6s,baz=31,slow=5.6 | | | | |
| GERES | GERESS Array B | 78.90 331 | eP | P | 17 03 07.2 +0.4 |
| GERES | | | pmx | | |
| GERES | comp=Z,5.5nm,0.6s,baz=31,slow=5.7,SNR=7.9 | | | | |
| WET | Wetzell | 78.93 331 | P | P | 17 03 08.0 +1.1 |
| WET | | | pmx | | |
| WET | comp=Z,19nm,1.2s | | | | |
| WET | Wetzell | 78.93 331 | eP | P | 17 03 07.7 +0.8 |
| WET | | | pmx | | |
| WET | comp=Z,21nm,1.2s,baz=31,slow=5.6 | | | | |
| GRF | Grafenber Arr | 79.02 333 | P | P | 17 03 09.0 +1.6 |
| GRF | | | pmx | | |
| GRF | comp=Z,31nm,1.2s | | | | |
| GRF | Grafenber Arr | 79.02 333 | eP | P | 17 03 08.1 +0.7 |
| GRF | | | pmx | | |
| GRF | comp=Z,26nm,0.9s,baz=31,slow=5.6 | | | | |
| TNS | Tanus Mts | 79.45 334 | P | P | 17 03 10.9 +1.1 |
| TNS | | | pmx | | |
| TNS | comp=Z,15nm,1.1s | | | | |
| TNS | Tanus Mts | 79.45 334 | eP | P | 17 03 10.1 +0.3 |
| TNS | | | pmx | | |
| TNS | comp=Z,11nm,0.9s,baz=31,slow=5.6 | | | | |
| LSQO | Lebel-sur-Ouev | 79.55 28 | P | P | 17 03 10.4 +0.2 |
| LSQO | | | pmx | | |
| LSQO | comp=Z,30nm,1.1s | | | | |
| AHRW | St. Neuen | | | | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time h m s | Res |
|------|---------------------|------|-----|----------|------------|------|
| OSSC | Osservatorio P | 0.08 | 168 | Op P | 17 02 43.8 | -0.5 |
| OSSC | comp=N,39050μm,0.3s | | | S AML | 17 02 45.7 | -0.6 |
| OSSC | comp=N,29500μm,0.2s | | | S AML | | |
| OSSC | comp=N,39100μm,0.3s | | | S AML | | |
| OSSC | comp=N,29450μm,0.2s | | | S AML | | |
| OSSC | comp=N,30850μm,0.1s | | | S AML | | |
| OSSC | comp=N,39050μm,0.3s | | | S AML | | |
| OSSC | comp=N,30850μm,0.1s | | | S AML | | |
| OSSC | comp=N,39050μm,0.3s | | | S AML | | |
| OSSC | comp=N,39100μm,0.3s | | | S AML | | |
| CSNT | Castellina Chi | 0.14 | 159 | ↑P S | 17 02 44.6 | -0.4 |
| CSNT | comp=N,17850μm,0.5s | | | S AML | 17 02 47.1 | -0.4 |
| CSNT | comp=N,20500μm,0.6s | | | S AML | | |
| CSNT | comp=N,17850μm,0.5s | | | S AML | | |
| FIR | Firenze | 0.17 | 8 | P S | 17 02 45.1 | -0.3 |
| FIR | comp=N,29500μm,0.2s | | | S AML | 17 02 48.1 | -0.2 |
| CRMI | Carmignano | 0.26 | 316 | ↓P S | 17 02 46.8 | -0.2 |
| CRMI | comp=N,45500μm,1.0s | | | S AML | 17 02 51.1 | +0.3 |
| CRMI | comp=N,4960μm,0.3s | | | S AML | | |
| CRMI | comp=N,4955μm,0.3s | | | S AML | | |
| CRMI | comp=N,2050μm,0.3s | | | S AML | | |
| CRMI | comp=N,1935μm,1.0s | | | S AML | | |
| RUF1 | Rufina | 0.32 | 41 | ↑P S | 17 02 47.5 | -0.3 |
| RUF1 | comp=N,8800μm,0.3s | | | S AML | 17 02 52.2 | -0.1 |
| RUF1 | comp=N,8795μm,0.3s | | | S AML | | |
| RUF1 | comp=N,5250μm,0.9s | | | S AML | | |
| RUF1 | comp=N,5245μm,0.9s | | | S AML | | |
| PTF | Prato | 0.38 | 343 | ↓P S | 17 02 48.6 | -0.3 |
| PTF | comp=N,9280μm,0.8s | | | S AML | 17 02 54.7 | +0.6 |
| FROS | Frosini | 0.40 | 187 | ↑P S | 17 02 49.5 | +0.3 |
| FROS | comp=N,9280μm,0.8s | | | S AML | 17 02 55.4 | +0.7 |
| FROS | comp=N,9745μm,0.5s | | | S AML | | |
| ASQU | Asqua | 0.45 | 64 | ↑P S | 17 02 50.0 | -0.4 |
| ASQU | comp=N,5810μm,0.7s | | | S AML | 17 02 56.8 | +0.3 |
| ASQU | comp=N,5575μm,0.7s | | | S AML | | |
| MTCR | Monte La Croce | 0.46 | 339 | ↑P S | 17 02 50.0 | -0.4 |
| MTCR | comp=N,3615μm,0.7s | | | S AML | 17 02 57.1 | +0.5 |
| MTCR | comp=N,3280μm,0.6s | | | S AML | | |
| MTCR | comp=N,3610μm,0.7s | | | S AML | | |
| MTCR | comp=N,3285μm,0.6s | | | S AML | | |
| MTCR | comp=N,3620μm,0.7s | | | S AML | | |
| PII | Pisa | 0.52 | 284 | ↓P S | 17 02 51.6 | 0.0 |
| PII | comp=N,3545μm,0.2s | | | S AML | | |
| CRE | Caprese Michel | 0.53 | 88 | P S | 17 02 51.6 | -0.1 |
| CRE | comp=N,2440μm,0.7s | | | S AML | 17 02 59.6 | -0.3 |
| CRE | comp=N,3130μm,0.5s | | | S AML | | |
| TRIF | Trifonti | 0.54 | 206 | ↑P S | 17 02 52.0 | +0.1 |
| TRIF | comp=N,1775μm,0.2s | | | S AML | 17 03 00.5 | +1.4 |
| SFI | Santa Sofia | 0.54 | 56 | P S | 17 02 51.5 | -0.5 |
| SFI | comp=N,5200μm,0.7s | | | S AML | 17 02 59.5 | +0.2 |
| SFI | comp=N,3625μm,1.0s | | | S AML | | |
| SFI | comp=N,4425μm,0.4s | | | S AML | | |
| SFI | comp=N,5510μm,0.4s | | | S AML | | |
| SFI | comp=N,3620μm,1.0s | | | S AML | | |
| SFI | comp=N,5205μm,0.7s | | | S AML | | |
| POPM | Popiglio | 0.56 | 323 | P S | 17 02 52.0 | -0.3 |
| POPM | comp=N,2880μm,0.2s | | | S AML | 17 03 01.0 | +0.4 |
| FNVD | Fontana Vidola | 0.57 | 353 | P S | 17 02 52.2 | -0.4 |
| FNVD | comp=N,2990μm,0.5s | | | S AML | 17 03 01.4 | +0.3 |
| FNVD | comp=N,2285μm,0.5s | | | S AML | | |
| BRIS | BRISIGHELLA | 0.59 | 21 | ↓P S | 17 02 56.3 | +1.1 |
| BRIS | comp=N,682μm,0.5s | | | S AML | | |
| BRIS | comp=N,2275μm,0.6s | | | S AML | | |
| BRIS | comp=N,682μm,0.5s | | | S AML | | |
| BRIS | comp=N,2270μm,0.6s | | | S AML | | |
| LMD | Lutirano | 0.59 | 36 | P S | 17 02 52.4 | -0.5 |
| LMD | comp=N,2480μm,0.3s | | | S AML | 17 03 01.5 | -0.1 |
| LMD | comp=N,2565μm,0.4s | | | S AML | | |
| CAFI | Castiglion Fio | 0.61 | 116 | ↓P S | 17 02 53.2 | 0.0 |
| CAFI | comp=N,768μm,0.7s | | | S AML | 17 03 00.8 | -0.4 |
| CAFI | comp=N,830μm,0.8s | | | S AML | | |
| CAFI | comp=N,825μm,0.8s | | | S AML | | |
| CAFI | comp=N,767μm,0.7s | | | S AML | | |
| MAIM | Mastiano | 0.61 | 301 | P | 17 02 53.2 | -0.2 |

| Code | Station Name | Δ° | AZ° | Phase ID | Time h m s | Res |
|------|--------------------|------|-----|----------|------------|------|
| MAIM | comp=N,1240μm,0.4s | | | S AML | | |
| MAIM | comp=N,692μm,0.7s | | | S AML | | |
| BDI | Bagni Di Lucca | 0.65 | 316 | P S | 17 02 54.1 | +0.1 |
| BDI | comp=N,1755μm,0.3s | | | S AML | 17 03 04.2 | +0.9 |
| BDI | comp=N,1375μm,1.2s | | | S AML | | |
| BDI | comp=N,1465μm,0.3s | | | S AML | | |
| BDI | comp=N,1605μm,0.3s | | | S AML | | |
| SSP9 | Sansepolcro | 0.66 | 92 | P | 17 02 54.6 | +0.1 |
| SSP9 | comp=N,1435μm,0.5s | | | S AML | | |
| SSP9 | comp=N,2620μm,0.5s | | | S AML | | |
| PARC | Parchiule | 0.74 | 86 | P S | 17 02 55.9 | 0.0 |
| PARC | comp=N,1130μm,0.4s | | | S AML | 17 03 06.0 | +0.1 |
| PARC | comp=N,1930μm,0.5s | | | S AML | | |
| BADI | Badiiali | 0.75 | 97 | P S | 17 02 56.0 | +0.1 |
| BADI | comp=N,1395μm,0.4s | | | S AML | 17 03 07.0 | +0.9 |
| BADI | comp=N,1395μm,0.4s | | | S AML | | |
| ZCCA | Zocca | 0.77 | 347 | P | 17 02 57.7 | +1.2 |
| ZCCA | comp=N,786μm,0.5s | | | S AML | | |
| ZCCA | comp=N,1070μm,0.3s | | | S AML | | |
| ZCCA | comp=N,744μm,1.1s | | | S AML | | |
| ZCCA | comp=N,1120μm,0.5s | | | S AML | | |
| ARCI | Arcidosso | 0.77 | 166 | P | 17 02 56.3 | 0.0 |
| ARCI | comp=N,1435μm,0.5s | | | S AML | | |
| ARCI | comp=N,1730μm,0.5s | | | S AML | | |
| MTRZ | Monterenzo | 0.79 | 13 | P | 17 02 56.8 | 0.0 |
| MTRZ | comp=N,1190μm,1.2s | | | S AML | | |
| MTRZ | comp=N,1210μm,1.4s | | | S AML | | |
| ATMI | Monte Miggiano | 0.81 | 109 | P | 17 02 57.3 | +0.2 |
| ATMI | comp=N,2150μm,0.7s | | | S AML | | |
| CPGN | Carpegna, Ital | 0.82 | 76 | P | 17 02 57.9 | +0.5 |
| CPGN | comp=N,1674μm,0.5s | | | S AML | | |
| CPGN | comp=N,1456μm,1.2s | | | S AML | | |
| CPGN | comp=N,1690μm,0.6s | | | S AML | | |
| CPGN | comp=N,1675μm,0.5s | | | S AML | | |
| CPGN | comp=N,1691μm,0.6s | | | S AML | | |
| CPGN | comp=N,1635μm,0.9s | | | S AML | | |
| VLC | Villacollemand | 0.82 | 313 | P | 17 02 57.4 | +0.1 |
| VLC | comp=N,808μm,1.4s | | | S AML | | |
| VLC | comp=N,776μm,1.0s | | | S AML | | |
| VLC | comp=N,810μm,1.4s | | | S AML | | |
| VLC | comp=N,791μm,1.0s | | | S AML | | |
| VLC | comp=N,808μm,1.4s | | | S AML | | |
| CASP | Castiglione de | 0.85 | 198 | ↑P S | 17 02 58.0 | +0.2 |
| CASP | comp=N,471μm,0.6s | | | S AML | 17 03 09.5 | +0.5 |
| CASP | comp=N,628μm,0.4s | | | S AML | | |
| MCIV | Monte Civitelli | 0.89 | 158 | P | 17 02 58.1 | -0.4 |
| MCIV | comp=N,412μm,0.3s | | | S AML | | |
| MCIV | comp=N,466μm,1.2s | | | S AML | | |
| ATVO | AVT- Monte Val | 0.89 | 104 | P | 17 02 58.3 | -0.2 |
| ATVO | comp=N,774μm,0.8s | | | S AML | | |
| ATVO | comp=N,793μm,0.5s | | | S AML | | |
| ATVO | comp=N,793μm,0.5s | | | S AML | | |
| SACS | San Casciano d | 0.90 | 146 | P | 17 02 58.8 | 0.0 |
| SACS | comp=N,384μm,0.9s | | | S AML | | |
| SACS | comp=N,440μm,1.3s | | | S AML | | |
| SACS | comp=N,475μm,1.3s | | | S AML | | |
| SACS | comp=N,363μm,0.9s | | | S AML | | |
| ATTE | AVT- Monte Tez | 0.92 | 116 | P | 17 02 58.7 | -0.4 |
| ATTE | comp=N,460μm,0.8s | | | S AML | | |
| ATTE | comp=N,781μm,0.9s | | | S AML | | |
| PE3 | Peglio | 0.93 | 84 | P | 17 02 59.6 | +0.4 |
| PE3 | comp=N,1820μm,0.5s | | | S AML | | |
| PE3 | comp=N,1785μm,0.6s | | | S AML | | |
| MGAB | Montegabbione | 0.95 | 136 | P | 17 02 59.0 | -0.6 |
| MGAB | comp=N,614μm,1.1s | | | S AML | | |
| MGAB | comp=N,614μm,0.9s | | | S AML | | |
| MGAB | comp=N,496μm,0.5s | | | S AML | | |
| PIEI | Pleia | 0.96 | 93 | P | 17 02 59.5 | -0.3 |
| PIEI | comp=N,285μm,0.7s | | | S AML | | |
| EQUI | Equil | 0.96 | 306 | P | 17 02 59.7 | -0.1 |
| GROG | Isola di Gorgo | 0.98 | 260 | P | 17 03 00.2 | -0.1 |
| GROG | comp=N,238μm,1.0s | | | S AML | | |
| GROG | comp=N,310μm,0.4s | | | S AML | | |
| ERBM | Eremo | 1.00 | 325 | P | 17 03 01.2 | +0.7 |
| ERBM | comp=N,398μm,0.9s | | | S AML | | |
| ERBM | comp=N,362μm,1.0s | | | S AML | | |
| MURB | Monte Urbino | 1.01 | 109 | P | 17 03 00.7 | -0.1 |
| MURB | comp=N,1164μm,0.5s | | | S AML | | |
| MURB | comp=N,1300μm,0.3s | | | S AML | | |
| MURB | comp=N,1224μm,0.6s | | | S AML | | |
| MURB | comp=N,1330μm,0.3s | | | S AML | | |
| MURB | comp=N,1165μm,0.5s | | | S AML | | |
| MURB | comp=N,1295μm,0.3s | | | S AML | | |
| MURB | comp=N,1325μm,0.3s | | | S AML | | |
| ATFO | Monte Foce - | 1.01 | 103 | ↓P S | 17 03 00.5 | -0.3 |
| ATFO | comp=N,1240μm,0.4s | | | S AML | | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time h m s | Res |
|------|-------------------|------|-----|----------|------------|------|
| ATFO | comp=N,670μm,0.5s | | | S AML | | |
| ATFO | comp=N,480μm,0.7s | | | S AML | | |
| PLMA | Palmaria, Fort | 1.09 | 295 | P | 17 03 01.8 | -0.5 |
| PLMA | comp=N,346μm,0.6s | | | S AML | | |
| ATCC | AVT- Casa Cati | 1.11 | 111 | P | 17 03 02.5 | -0.3 |
| ATCC | comp=N,591μm,0.9s | | | S AML | | |
| CELB | S.Piero in Cam | 1.13 | 221 | P | 17 03 02.6 | -0.5 |
| ASSB | Assisi San Ben | 1.19 | 118 | P | 17 03 03.5 | -0.7 |
| ASSB | comp=N,304μm,0.9s | | | S AML | | |
| GRAM | Graiana | 1.22 | 317 | P | 17 03 05.0 | +1.1 |
| GRAM | comp=N,734μm,1.5s | | | S AML | | |
| GRAM | comp=N,636μm,0.4s | | | S AML | | |
| MOMA | Monte Martano | 1.27 | 129 | P | 17 03 04.7 | 0.0 |
| MOMA | comp=N,280μm,0.5s | | | S AML | | |
| MOMA | comp=N,241μm,0.6s | | | S AML | | |
| BOB | Bobbio (Coli) | 1.73 | 313 | P | 17 03 12.7 | +1.8 |
| PGF | Pioggia | | | | | |

21d 17h

Table with columns: MTF, BGF, BOIS, BGF, comp, E, 1.4nm, 0.4s, 6.56 271 ePn, Pn, 17 04 17.9 +0.7, 17 04 18.6 +0.5, 17 05 29.0 -4.4

UPA 21 17:24:50.4,0.5,8.64N,83.22W,h31km,5km,MW3.8
UCR 21 17:24:51.2,1.6,8.63N,83.22W,h23km,3km,MW3.5
ISC 21 17:24:50.5,1.0,8.64N,0.05,83.22W,10.03,h31km,8km, n21,0.67/32,2C-3D, Costa Rica

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

NEIC 21 17:28:40.6,3.0,0.28S,0.04,123.87E,0.07,h87km,gkm, mb4,1/19, Error ellipse: s-maj=10.6km s-min=5.3km

ISC 21 17:28:41.0,3.7,0.14S,123.85E,h90km,35km,mb3.5/12, mb1.3/6/14, mb1mx3/4/48, mbtmp3/8/14, Error ellipse: s-maj=26.4km s-min=13.5km az=71.0

DJA 21 17:28:41.7,0.2,0.2S,2.12E, h52km,13km, M4,4/23, mb4.8/5, mb4.5/10, MLV4,4/23, MW(mB)4,1/5

ISC 21 17:28:40.4,0.5,0.28S,0.04,123.91E,0.05,h88km,n57, s147/66,mb4.0/18,Minahass Peninsula, Sulawesi

Main table of station data for Costa Rica and other regions, including stations like KMSI, LUWI, LUWU, MRSI, etc.

OSPA South Pole Qui 89.66 180 P P 17 41 28.3 -0.1
ILAR Eielson Array 89.21 25 P P 17 41 29.0 -0.4

ISC 21 17:31:34.8,0.7,32.40S,71.71W,h0km,mb4,1/9, mb1.4/2/14, mb1mx4,1/32, mbtmp4,0/14, ML3.9/5, MS3.4/4, Ms1.3/4/4, ms1mx3,1/25, Error ellipse: s-maj=21.4km s-min=17.4km az=141.0

SJA 21 17:31:38.0,1.0,32.44S,71.83W,h6km,ML4.1,MW3.9
NEIC 21 17:31:39.5,1.6,32.45S,71.71W,0.1,1,h28km,7km, Error ellipse: s-maj=13.1km s-min=5.1km az=98.0

GUC 21 17:31:36.0,0.8,32.56S,71.68W,h30km,4km,ML4.2
ISC 21 17:31:36.2,1.2,32.49S,71.91W,0.04,h11km,7km, n106,0.28/05/131,mb4.4/12,5C-5D,Near coast of central Chile

Main table of station data for Chile and other regions, including stations like VA01, VA02, VA03, etc.

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Main table of station data for various regions, including stations like H03N1, H03N3, H03N2, etc.

ISC 21 17:37:21.6,3.0,36.26N,70.94E,h160km,24km,mb3.2/10, mb1.3/3/16, mb1mx3/0/52, mbtmp3/7/16, MS3.5/2, Ms1.3/5/2, ms1mx2/6/33, Error ellipse: s-maj=23.9km s-min=16.2km az=171.0

NIC 21 17:37:29.4,5.0,36.83N,70.72E,h167km,71km,mb2.8, mb3.0/3, Error ellipse: s-maj=47.4km s-min=28.1km

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

| | | | | |
|-------|----------------|--------------|----|-----------------|
| PKIN | Phulchokí | 15.21 122 eP | Pn | 17 40 50.4 -0.4 |
| PKI | Pulchoki | 15.22 122 eP | Pn | 17 40 50.4 -0.4 |
| GUN | Gumba | 15.34 120 eP | Pn | 17 40 52.3 -0.1 |
| RAMN | Ramitá | 16.44 121 eP | Pn | 17 41 04.9 -0.1 |
| BVAR | Borovoye Array | 16.51 359 P | P | 17 41 06.7 +1.4 |
| BRVK | Borovoye | 16.54 359 IP | P | 17 41 06.2 +0.6 |
| AKTO | Aktuybinsk | 16.70 330 P | Pn | 17 41 09.1 +0.8 |
| TAPN | Tapejune | 16.97 118 eP | P | 17 41 11.1 +0.2 |
| ODAN | Odare | 17.04 120 eP | Pn | 17 41 12.4 -0.4 |
| ZALV | Zalesovo Beam | 19.95 25 P | Pn | 17 41 43.4 +0.8 |
| BELG | Belogoroye | 22.79 321 P | P | 17 42 12.4 +1.0 |
| AKASG | Malin Array B | 32.83 309 P | P | 17 43 42.2 +1.5 |
| FINES | FINES Array B | 37.40 326 P | P | 17 44 21.0 +1.4 |
| ARCES | ARCES Array B | 41.08 337 P | P | 17 44 51.6 +1.6 |
| YAK | Yakutsk | 44.03 35 LR | LR | 18 03 19.2 |
| NB2 | NORSAR Array B | 44.29 323 P | P | 17 45 17.1 +1.2 |
| NOA | NORSAR Array B | 44.29 323 P | P | 17 45 16.9 +1.0 |
| KEST | Kesra | 46.91 268 LR | LR | 18 11 05.1 |
| TORD | Tordi Ar. Bea | 45.59 299 P | P | 17 47 47.7 -1.5 |
| YKA | Yellowknife Ar | 81.23 3 P | P | 17 49 20.6 +1.0 |
| WRA | Warramunga Arr | 82.11 122 P | P | 17 49 23.6 -1.4 |
| ASAR | Alice Springs | 84.37 125 P | P | 17 49 34.7 -1.8 |

| | | | | |
|------|----------------|------------|----|-----------------|
| CABP | Cabo Pasado | 2.55 269 P | Pn | 17 41 21.8 +0.3 |
| SOTA | Rioblanco | 2.77 27 eP | Pb | 17 41 26.5 -3.5 |
| BOSC | San Juan Bosco | 2.85 192 P | Pb | 17 41 28.3 -3.0 |
| POPC | Cinco Dias | 3.04 29 eP | Pn | 17 41 29.0 +0.2 |
| PONP | Popayan, Colom | 3.11 23 eP | Pn | 17 41 30.1 +0.7 |
| PLP | La Paz | 3.13 29 P | Pb | 17 41 32.9 0.0 |
| MORR | Playas El Morr | 3.35 227 P | Pb | 17 41 36.0 -3.7 |
| GARC | Garzon, Huila | 3.47 43 eP | Pb | 17 41 32.6 -1.8 |
| ISPG | Isla Puna-Puer | 3.47 221 P | Pb | 17 41 37.7 -4.0 |
| MARP | Paez Belalcaza | 3.71 31 eP | Pb | 17 41 38.7 +1.0 |
| ARNL | Arenillas | 3.86 214 P | Pb | 17 41 41.5 +1.9 |
| BETC | Betancuria | 4.04 33 P | Pb | 17 41 37.9 -0.4 |
| GONZ | Gonzanam | 4.15 201 P | Pb | 17 41 46.7 +2.7 |
| MALC | Bahia Malaga | 4.36 7 eP | Pb | 17 41 48.0 +1.5 |
| MCRA | Macar, Loja | 4.50 207 P | Pb | 17 41 49.8 +1.3 |
| YOTO | Yotoco, Valle | 4.56 20 eP | Pn | 17 41 51.4 +2.0 |
| MACC | Macarena, Meta | 4.94 58 eP | Pn | 17 41 50.6 -0.9 |
| ORTC | Ortega, Tolima | 4.98 33 P | Pn | 17 41 56.9 +1.9 |
| ANIL | Santa Ana | 5.40 27 eP | Pn | 17 42 04.3 +3.2 |
| PLMC | San Jose del P | 5.45 17 eP | Pn | 17 42 01.6 0.0 |
| TOLC | Tolima | 5.52 28 eP | Pn | 17 42 04.2 +1.4 |
| RREF | El Recreo | 5.79 26 eP | Pn | 17 42 09.8 +3.1 |
| CAPO | San Jose del G | 5.98 61 eP | Pn | 17 42 25.6 +1.1 |
| VILC | Villavicencio, | 6.09 43 eP | Pn | 17 42 11.2 +0.8 |
| ROSC | El Rosal | 6.26 35 Pn | Pn | 17 42 10.9 -2.0 |

| | | | | |
|-------|-----------------|----------------|------|-----------------|
| PTGB | Pitanga | 34.80 136 eP | P | 17 47 32.0 -0.7 |
| SDBA | SAO DESIDERIO | 34.83 111 eP | P | 17 47 32.8 +1.0 |
| 833A | Chaparral WMA, | 35.18 326 P | P | 17 47 35.5 +1.0 |
| W58A | Raelof | 35.20 358 P | P | 17 47 36.1 +1.6 |
| BB19B | Bededouro | 35.30 128 eP | P | 17 47 36.8 +1.2 |
| W57A | Gilead | 35.37 357 P | P | 17 47 37.1 +1.1 |
| W56A | Indi Trail | 35.39 356 P | P | 17 47 37.6 +1.4 |
| KM3C | Kings Mountain | 35.45 355 P | P | 17 47 38.9 +2.2 |
| BG3 | Lake Jocassee | 35.47 353 P | P | 17 47 36.0 -0.9 |
| X48A | Hershey | 35.64 344 P | P | 17 47 37.9 -0.6 |
| NATX | Nacogdoches | 35.67 335 P | P | 17 47 39.8 +1.3 |
| V59A | Middlesex | 35.93 360 P | P | 17 47 42.4 +1.6 |
| V60A | Jim Taylor Roa | 35.93 1 P | P | 17 47 42.6 +1.9 |
| V61A | Roper | 35.97 2 P | P | 17 47 43.1 +2.0 |
| V58A | Windly Hill, Pi | 35.97 358 P | P | 17 47 42.5 +1.4 |
| V58A | Windly Hill, Pi | 35.97 358 P | Iamb | 17 47 40.7 -0.4 |
| V56A | Mockle | 36.05 356 P | P | 17 47 43.3 +1.4 |
| V57A | Coltrane Farms | 36.09 357 P | P | 17 47 43.4 +1.2 |
| CPCT | Cooper Cave | 36.15 351 P | Iamb | 17 47 40.3 +0.3 |
| CPCT | Cooper Cave | 36.15 351 P | Iamb | 17 47 45.9 |
| Z41A | Richland Creek | 36.26 339 P | P | 17 47 44.4 +0.8 |
| OXF | Concordia | 36.32 344 P | P | 17 47 45.0 +0.9 |
| ITAB | Concordia | 36.42 139 eP | P | 17 47 45.0 -0.2 |
| U61A | Possum Corner | 36.52 2 P | P | 17 47 47.1 +1.3 |
| U58A | Oxford | 36.56 359 P | P | 17 47 47.3 +1.2 |
| U56A | King | 36.58 357 P | P | 17 47 47.7 +1.3 |
| U57A | Double B | 36.62 358 P | P | 17 47 48.3 +1.7 |
| V48A | Smith Brothers | 36.65 348 P | Iamb | 17 47 48.4 -0.3 |
| TZ1N | Tazewell | 37.08 352 P | Iamb | 17 47 51.7 +1.1 |
| TZ1N | Tazewell | 37.08 352 P | Iamb | 17 47 49.1 -1.5 |
| TZ1N | Tazewell | 37.08 352 P | Iamb | 17 47 53.6 |
| V58A | Grand View Acr | 37.11 359 P | P | 17 47 51.6 +0.8 |
| WHTX | Lake Whitney, | 37.11 332 P | P | 17 47 51.3 +0.4 |
| T59A | Double "B" Far | 37.13 0 P | P | 17 47 52.2 +1.2 |
| T57A | Hurt | 37.18 358 P | P | 17 47 52.8 +1.4 |
| T57A | Hurt | 37.18 358 P | Iamb | 17 47 51.8 +0.4 |
| T57A | Hurt | 37.18 358 P | Iamb | 17 47 54.9 |
| T56A | Rocky Mt | 37.24 357 P | P | 17 47 53.2 +1.2 |
| X40A | Basin Creek Fa | 37.38 339 P | P | 17 47 53.8 +0.6 |
| B4A | Blacksburg | 37.44 357 P | P | 17 47 54.3 +0.6 |
| WWT | Waverly | 37.45 347 P | P | 17 47 54.3 +0.6 |
| WWT | Waverly | 37.45 347 P | P | 17 47 52.3 -1.4 |
| U4LR | University of | 37.47 340 Iamb | Iamb | 17 47 56.2 |
| VAO | Mount Ida | 37.55 129 eP | P | 17 47 55.7 +0.8 |
| MI8A | Mount Ida | 37.69 339 P | P | 17 47 55.9 0.0 |
| S58A | Poland Farm, P | 37.77 360 P | P | 17 47 57.2 +0.8 |
| W41B | Gar Mavity, V | 37.80 341 P | P | 17 47 56.8 +0.1 |
| W41B | Gar Mavity, V | 37.80 341 P | P | 17 47 55.9 -0.8 |
| S56A | Natural Bridge | 37.87 358 P | P | 17 47 58.3 +1.0 |
| S60A | Wa View | 37.88 2 P | P | 17 47 58.4 +1.1 |
| S59A | Mechanics Hill | 37.92 1 P | P | 17 47 58.3 +0.6 |
| S57A | Dark Hollow, R | 37.93 359 P | P | 17 47 58.6 +0.8 |
| PT01 | Itanhem-SP | 38.02 131 eP | P | 17 47 58.3 -0.5 |
| S54A | Dingess, Beckl | 38.09 356 P | P | 17 47 60.0 +0.8 |
| R58B | Mineral | 38.12 0 P | P | 17 48 00.3 +1.0 |
| LCAR | Lake Charles | 38.28 343 P | Iamb | 17 48 00.6 -0.1 |
| LCAR | Lake Charles | 38.28 343 P | Iamb | 17 48 02.7 |
| W39A | Magazin | 38.35 339 P | P | 17 48 02.0 +0.6 |
| TXAR | Lajitas Array | 38.44 322 P | P | 17 48 03.9 +1.6 |
| TXAR | Lajitas Array | 38.44 322 P | PcP | 17 50 16.3 +0.7 |
| TXAR | Lajitas Array | 38.44 322 P | PcP | 17 48 03.7 +1.4 |
| TX31 | Lajitas Ar. Si | 38.44 322 P | PcP | 17 50 16.3 +0.7 |
| TX32 | Lajitas Array | 38.44 322 P | PcP | 17 50 16.4 +0.7 |
| R54A | Victor | 38.44 356 P | P | 17 48 03.0 +0.8 |
| R58A | Rapidan | 38.45 360 P | P | 17 48 03.3 +1.1 |
| R57A | Stanardsville | 38.46 359 P | P | 17 48 03.6 +1.4 |
| R55A | Marlington | 38.49 357 P | P | 17 48 04.1 +1.5 |
| R55A | Marlington | 38.49 357 P | Iamb | 17 48 03.3 +0.7 |
| R56A | Bull Pasture M | 38.59 358 P | P | 17 48 04.5 +1.0 |
| ABTX | Abilene, Hawle | 38.69 330 P | P | 17 48 04.8 +0.5 |
| PARB | Parabuna | 38.77 128 eP | P | 17 48 05.3 +0.1 |
| Q54A | Harwood | 39.03 2 P | P | 17 48 08.3 +1.2 |
| U40A | Yellville | 39.08 341 P | P | 17 48 07.7 +0.2 |
| U40A | Yellville | 39.08 341 P | P | 17 48 07.2 -0.2 |
| Q58A | Fox Den Farm, | 39.10 0 P | P | 17 48 09.0 +1.4 |
| Q53A | Leroy | 39.16 355 P | P | 17 48 09.2 +1.1 |
| WCI | Wyandotte Cave | 39.16 349 P | P | 17 48 08.9 +0.8 |
| Q57A | Strasburg | 39.19 359 P | P | 17 48 09.9 +1.5 |
| Q56A | Snyder Ridge, | 39.21 358 P | P | 17 48 10.7 +2.2 |
| ESAR | Angra dos Reis | 39.55 127 eP | P | 17 48 11.1 -0.5 |
| P57A | Homestead Farm | 39.64 360 P | P | 17 48 13.4 +1.3 |
| P58A | Pank, Wackersv | 39.65 1 P | P | 17 48 13.6 +1.4 |
| P56A | Dayton Farm, R | 39.67 359 P | P | 17 48 13.5 +1.2 |
| MAN0 | Angra dos Reis | 39.85 127 eP | P | 17 48 14.0 -0.2 |
| FVM | French Village | 39.86 344 Iamb | Iamb | 17 48 15.8 |
| P61A | Hampton | 39.93 4 P | P | 17 48 15.9 +1.5 |
| P52A | Corning | 39.98 355 P | P | 17 48 15.8 +0.9 |
| WMOK | Wichita Mounta | 40.01 333 P | P | 17 48 16.2 +0.9 |
| CCM | Cathedral Cave | 40.15 344 P | P | 17 48 16.6 +0.2 |
| CCM | Cathedral Cave | 40.15 344 P | P | 17 48 13.7 -2.7 |
| CCM | Cathedral Cave | 40.15 344 P | PcP | 17 48 20.9 +1.7 |
| CCM | Cathedral Cave | 40.15 344 P | PcP | 17 50 17.4 +0.8 |
| GDU01 | Guandu, BA | 40.18 111 eP | P | 17 48 17.8 +0.8 |
| O58A | Lewisberry | 40.28 1 P | P | 17 48 18.7 +1.2 |

ICC 21 17:40:38.6-0.5, 0.29S; 77.68W, h0km, mb4.5/22, mb1 4.7/29, mb1mx4.6/39, mbtmp4.5/29, mL4/1/6, MSK0/0/16, Ms1 4.0/16, ms1mx3.8/31, Error ellipse: s-maj=14.5km s-min=10.4km az=66.0

IGQ 21 17:40:38.2-0.2, 0.35S; 1.0*78W, h10km, M5.0, GCMT 21 17:40:38.0, 0.47S; 0.02*77.84W, 0.02, h20km, 1km, MW5.0/83, Moment tensor: Scale 10¹⁹Nm; Mr2.54±.27; Mw0.95±.13; Mw3.34±.19; Mw2.01±.33; Mw1.37±.09; Mw0.95±.25; Best double couple: M4.0440000; NP1: 0.315, 0.00000, 0.84, 0.00000, 1.140, 0.00000; NP2: 0.315, 0.00000, 0.84, 0.00000, 1.55, 0.00000; Principal axes: T 3.9070, Plg56.0000°, Azm179.0000°; N 0.2740, Plg32.0000°, Azm332.0000°; P -4.1810, Plg12.0000°, Azm70.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

VAO 21 17:40:40.0-0.2, 0.26S; 77.92W, h10km, mb4.8, NEIC 21 17:40:40.3-0.3, 0.30S; 0.05*77.91W, 0.05, h10km, 1km, mb4.9/86, Error ellipse: s-maj=9.3km s-min=6.4km az=227.0

ISC 21 17:40:40.1-0.3, 0.34S; 0.02*77.88W, 0.02, h10km, n520, +1552/517, mb4.9/65, MS4.0/13, Ecuador

| | | | | |
|------|-----------------|----------------|------|-----------------|
| ROSC | El Rosal | 6.26 35 Pn | Pn | 17 42 17.6 +4.7 |
| ROSC | El Rosal | 6.26 35 Pn | Pn | 17 42 15.8 +2.9 |
| CHIC | Chingaza | 6.45 40 Pn | Pn | 17 42 16.5 +1.0 |
| NORC | Norcasia | 6.59 27 Pn | Pn | 17 42 19.6 +2.4 |
| ATAH | Atahualpa | 6.76 184 Pn | Pn | 17 42 21.6 +1.7 |
| ATAH | Atahualpa | 6.76 184 Pn | Sn | 17 43 40.5 +3.2 |
| HELX | Santa Helena | 6.90 20 Pn | Pn | 17 42 23.9 +2.1 |
| PTGC | San Pablo de B | 7.07 32 eP | Pb | 17 42 26.7 +3.0 |
| SPBC | Puerto Gaitan, | 7.50 52 eP | Pb | 17 42 46.9 -0.1 |
| DBBC | Dabeiba | 7.50 19 eP | Pb | 17 42 47.9 -4.9 |
| PTBC | PUERTO BERRIO, | 7.64 26 eP | Pn | 17 42 29.5 -2.2 |
| RUSC | La Rusia | 7.83 38 eP | Pn | 17 42 34.9 +0.3 |
| ZARC | Zaragoza, Cauc | 8.35 21 eP | Pn | 17 42 40.5 -0.7 |
| UREC | San Jos de Ur | 8.38 16 eP | Pn | 17 42 42.9 +1.2 |
| BRRC | Barraanca, Sant | 8.49 29 eP | Pn | 17 42 45.2 +2.0 |
| CAPC | Capaduz | 8.94 33 eP | Pn | 17 42 46.2 +1.1 |
| TAMC | Tame, Arauca | 9.07 42 eP | Pn | 17 42 54.3 +3.1 |
| PAMC | Pamplona, Colo | 9.22 34 eP | Pn | 17 42 54.5 +0.8 |
| MOTC | Monteria, Cord | 9.33 14 eP | Pn | 17 42 55.1 +0.3 |
| QCAC | Ocana | 9.66 28 eP | Pn | 17 42 58.0 -1.1 |
| NNA | Nana | 11.61 175 Pn | Pn | 17 43 25.0 -1.1 |
| NNA | Nana | 11.61 175 Pn | LR | 17 46 40.0 |
| NNA | Nana | 11.61 175 Pn | LR | 17 47 32.7 |
| SDV | San Domingo | 11.67 38 Pn | Pn | 17 43 25.9 -1.1 |
| SDV | San Domingo | 11.67 38 Pn | Pn | 17 46 42.3 |
| SDV | San Domingo | 11.67 38 Pn | Pn | 17 43 28.8 +1.8 |
| SDV | San Domingo | 11.67 38 Pn | Pn | 17 43 26.0 -1.1 |
| JTS | Las Juntas de | 11.69 327 LR | LR | 17 47 51.0 |
| PCRV | Puerto Cruz | 16.82 51 Pn | Pn | 17 44 32.7 -3.3 |
| PLMV | Puerto La Cruz | 16.85 51 Pn | Pn | 17 44 32.7 -3.6 |
| SAMC | Samuel | 16.95 121 Pn | Pn | 17 44 34.5 -3.0 |
| PTGA | Pitinga | 17.92 91 Pn | Pn | 17 44 46.4 -3.2 |
| PTGA | Pitinga | 17.92 91 Pn | P | 17 44 46.6 -0.6 |
| MTJD | Mount Denham | 18.46 1 P | Pn | 17 44 58.8 +2.6 |
| LPAZ | La Paz | 18.53 149 P | Pn | 17 44 58.0 +0.3 |
| LPAZ | La Paz | 18.53 149 P | Lg | 17 50 20.5 |
| LPAZ | La Paz | 18.53 149 P | Pn | 17 44 58.1 +0.4 |
| LPAZ | La Paz | 18.53 149 P | Pn | 17 44 58.4 +0.6 |
| MT03 | Montecristo | 18.54 323 P | Pn | 17 45 03.2 +3.0 |
| PB16 | IPOC Station P | 19.68 156 Iamb | Iamb | 17 45 08.3 -1.8 |
| PB16 | IPOC Station P | 19.68 156 Iamb | Iamb | 17 45 19.1 |
| GTBY | Guantanamo Bay | 20.33 8 Iamb | Iamb | 17 45 14.5 -2.1 |
| GTBY | Guantanamo Bay | 20.33 8 Iamb | Iamb | 17 45 21.9 |
| MNMC | Minye Minye | 20.36 157 P | Pn | 17 45 18.9 -0.4 |
| MNMC | Minye Minye | 20.36 157 P | Iamb | 17 45 35.9 |
| DR12 | Don Pons Alta | 20.77 23 P | Pn | 17 45 21.6 -2.2 |
| MLPR | Magueyes Islan | 21.09 30 P | Pn | 17 45 23.9 -0.9 |
| MLPR | Magueyes Islan | 21.09 30 P | Iamb | 17 45 28.3 |
| OBIP | Obispado Ponce | 21.37 31 P | Pn | 1 |

21d 17h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 057A Ambershon, 056A Blue Knob Stat, 539A Bolivia, etc.

2014 DEC

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 57A Chemin Saint G, 58A La Victoria, 566A St. Veronique, etc.

1048

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BOZ Bozeman (W), EGMT Eagleton, EGMT Eagleton, etc.

1049

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GTA, WRA, LZH, CMAR, etc.

CRAAG 21 17:53:55.7, 36.45N, 3.05E, M13.6
NEIC 21 17:53:57.9, 2.8, 36.58N, 0.06, 2.96E, 0.08, h21km, 8km, mb4.4, Error ellipse: s-maj=10.5km s-min=6.3km az=130.0

MDD 21 17:53:57.0, 6.36, 46N, 3.04E, h12km, 10km, mb4.2/26, Error ellipse: s-maj=9.5km s-min=4.0km az=138.0, PFXIMO

LDG 21 17:54:00.7, 0.2, 36.47N, 3.01E, h25km, M13.3/10, Error ellipse: s-maj=4.0km s-min=2.0km az=154.0

ISC 21 17:53:56.2, 0.7, 36.52N, 0.04, 3.08E, 0.03, h18km, m149, az=27/210, Northern Algeria

Main table for 1049 containing station data for stations like EMHD, ABMS, ADJB, etc., with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

2014 DEC

Main table for 2014 DEC containing station data for stations like ETOR, EJON, SJAF, etc., with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

21d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like QUIF, ZOU, GERES, etc.

ATH 21 17:59:07.5, 34.09N, 25.02E, h13km, 2km, M3.8/10, Error ellipse: s-maj=3.5km s-min=1.5km az=358.0
NIC 21 17:59:07.7, 0.0, 34.16N, 25.19E, h5km, 31km, M4.4/3
MOS 21 17:59:07.8, 1.2, 34.20N, 24.99E, h10km, mb4.3/10, Error ellipse: s-maj=8.4km s-min=4.7km az=72.5

ISC 21 17:59:08.4, 1.0, 34.15N, 0.03, 25.10E, 0.02, h8km, 6km, n251, az197/286, mb4.0/32, Crete

Main table for 21d 17h containing station data for stations like SIVA, LAST, GVD, etc., with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

21d 18h

Table with columns: Station Name, Code, Frequency, Power, Mode, and other technical details. Includes stations like IMMV, KARP, KTHA, etc.

2014 DEC

Table with columns: Station Name, Code, Frequency, Power, Mode, and other technical details. Includes stations like HFRF, NBNS, GEM, etc.

1050

Table with columns: Station Name, Code, Frequency, Power, Mode, and other technical details. Includes stations like PBRG, MVO, PMRV, etc.

Table with columns: WACZ, OKCZ, AMCZ, GVZ, LTZ, ARCC, RPZ, KHZ, ODZ, FOZ. Includes station names, coordinates, and status.

1DC 21 18:22:11.8.1.2, 15.52N, 147.68E, h0km, mb3.5/8, mb1 3.7/8, mb1mx3.5/57, mbtmp3.5/8, Error ellipse: s-maj=36.8km s-min=22.8km az=99.0

1DC 21 18:22:16.1.1.1, 15.4N, 0.2, 147.4E, 0.2, h29km, n16, c1570/11, mb3.5/9, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like GUMO, H1S13, H1S11, etc.

PRU 21 18:26:50.6.0.51, 47N, 16.18E, h0km, VIE 21 18:26:53.6.0.9, 51.29N, 15.87E, h0km, mb2.1/3, ml2.6/5, Error ellipse: s-maj=8.1km s-min=4.2km az=160.0 78 km NE of Liberec Suspected Mining induced.

1DC 21 18:26:49.1.2.1, 51.53N, 0.05, 16.21E, 0.03, h0km, n24, c092/43, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KSP, CHVC, OSTC, UPIC, DPC, PVCC, KRLC, BRG, PRA, PRU, MORA, CLL, VYAC, KRUC, OJC, NKCC, KHC, LANS, MODS, VYHS, CONA, MOA, ARSA.

1DC 21 18:31:01.5.2.0, 2.17N, 126.52E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/41, mbtmp3.3/4, Error ellipse: s-maj=125.0km s-min=24.7km az=68.0, Northern Molucca Sea

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

1DC 21 18:33:56.1.1.9, 2.14N, 126.85E, h0km, mb3.0/4, mb1 3.2/4, mb1mx3.1/33, mbtmp3.0/4, Error ellipse: s-maj=119.3km s-min=27.7km az=70.0, Northern Molucca Sea

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

1DC 21 18:46:19.8.1.2, 2.10N, 126.53E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.5/52, mbtmp3.8/6, ML3.0/1, MS3.1/1, Ms1 3.1/1, ms1mx2.4/43, Error ellipse: s-maj=60.6km s-min=20.1km az=64.0

DJA 21 18:46:23.9.1.0, 2.2N, 3.12E, h12km, 9km, M4.0/12, mb4.5/1, mb4.2/7, MLV3.8/12, Mw(mb)3.6/1

NEIC 21 18:46:26.6.1.4, 2.0N, 0.1, 126.63E, 0.08, h56km, 12km, mb4.0/12, Error ellipse: s-maj=23.3km s-min=5.4km az=207.0

1DC 21 18:46:25.1.0.8, 2.21N, 0.07, 126.82E, 0.08, h35km, n33, c182/35, mb4.0/9, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like TMTI, SGTI, KMSI, GTOI, SANI, MRSI, SIJI, APSI, TOLSI, BNSI, BSSI, MTN, FITZ, WBO, WRAB, WRA, WB2, WRO, AS31, ASAR, FITZ, STKA, MK31, MKAR, MKAK, MKAT, MKUR, ABKAR.

1DC 21 18:53:16.5.1.4, 18.13S, 168.71E, h0km, mb3.7/6, mb1 4.0/8, mb1mx3.8/35, mbtmp3.9/8, ML4.1/2, MS3.5/1, Ms1 3.5/1, ms1mx2.7/32, Error ellipse: s-maj=44.5km s-min=24.6km az=141.0

1DC 21 18:53:22.6.1.1, 18.4S, 0.2, 168.8E, 0.2, h50km, n12, c152/11, mb3.7/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like DZM, HZR, URZ, WRA, ASAR, FITZ, SONM, NVAR, ILAR, EKAR, DAVOX.

1DC 21 18:54:49.1.1.8, 29.64S, 177.58W, h75km, 18km, mb3.8/4, mb1 3.9/4, mb1mx3.6/24, mbtmp3.4/4, Error ellipse: s-maj=76.1km s-min=31.0km az=37.0

1DC 21 18:54:48.1.1.6, 30.0S, 0.1, 177.8W, 0.3, h50km, n6, c157/17, mb4.2/4, Kermadec Islands

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

NEIC 21 19:19:50.9.1.1, 18.3S, 0.1, 175.1W, 0.1, h25km, 10km, mb4.1/22, Error ellipse: s-maj=21.5km s-min=15.4km az=194.0

1DC 21 19:56:3.2.4, 18.76S, 175.54W, h268km, 24km, mb4.0/7, mb1 4.0/8, mb1mx3.5/45, mbtmp4.6/8, Error ellipse: s-maj=35.0km s-min=15.0km az=73.0

1DC 21 19:18:51.5.1.0, 18.8S, 0.2, 175.28W, 0.10, h238km, n45, c2501/44, mb4.1/15, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like NIUE, AFJ, MISV, DZM, URZ.

Table with columns: URZ, QRZ, NNZ, BSWZ, THZ, DSZ, KHZ, GVZ, LTZ, LKZ, INZ, OXZ, OXZ, OXZ, MOZ, WHZ, ARMA, ARMA, ARMA, CTA, CTAO, CTAO, STKA, STKA, BBOO, BBOO, WR0, WR0, WB2, WRAB, WRA, WRA, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, MORW, MORW, GSPA, GSPA.

1DC 21 20:06:18.6.0.7, 5.75N, 77.52W, h0km, mb3.9/11, mb1 4.0/14, mb1mx3.9/47, mbtmp3.9/14, ML3.4/2, MS3.3/7, Ms1 3.3/7, ms1mx3.0/37, Error ellipse: s-maj=22.6km s-min=15.6km az=49.0

NEIC 21 20:06:19.8.2.8, 6.19N, 0.0, 77.9W, 0.1, h56km, 5km, mb4.4/8, Error ellipse: s-maj=15.5km s-min=12.2km az=88.0

UPA 21 20:06:20.3.2.5, 5.75N, 77.63W, h20km, 39km, ML4.8, MW4.6

RSNC 21 20:06:21.2.1.7, 5.90N, 77.68W, h24km, 7km, ML3.6, MW4.1

1DC 21 20:06:20.5.1.4, 5.87N, 0.03, 77.58W, 0.04, h16km, 9km, n83, c2920/95, mb4.2/12, MS3.2/3, SC-3D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like BAHIA, PIZC, PTAC, CBCC, DBBC, HELC, YOTC, RREF, ANIL, TOLC, UPD2, NORC, UREC, CAP2, ORTC, PCRI, ZARC, PTBC, ROSC, ROSC, MARP, MONA, SPBC, CACAO, CACAO, CACAO, UPA, VTON, VTON, CHOR3, PCON, OCUC, OCUC, ZANG, ZANG, BRJC, FRJU.

21d 20h

Table with columns: STA/IC, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Santiago, Vera, Chingaza, Barranca, Sant, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

2014 DEC

Table with columns: LVC, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Limon Verde, San Lorenzo, IPOC Station P, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

Table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Kalitias Arr, Yellowknife Ar, etc.

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Table with columns: DBIC, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Dimbokro, Yreka Blue Hor, etc.

REY 21 20:48:09.5, 64.61'N, 17.37'W, h3km
NEIC 21 20:48:10.4, 2.2, 64.1'N, 0.1:18.0'W, 0.2, 7km, 5km,
mb4.5/14, Error ellipse: s-maj=16.4km s-min=10.8km
az=188.0

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

21d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ILAR, ILAR GLB, DOT, SCRK, URZ, L26K, BMAR, ARSB, BKZ, K27K, K27K CTGM, BCAR, NIL, EGAK, BRVK, KK31, KKAR, K27K, HYT, EPYK, EPYK, WHY, BESE, JIS, KBL, INK, INK, DLBC, DLBC, C36M, C36M, ARU, ABKAR, ABKAR, PP2, GEYT, D03D, EUNU, EUNU, I02D, G03D, B05A, E04D, YKA, YKA, I03D, K02D, D05A, F04A, L02E, H04D, TAOE, H04A, H04A, H04A, I04A, F05D, KCPM, LTY, M02C, YBKA, YBKA, YBKA, YBKA, J04D, G05D, L04D, N02D, I05D, RES, O02D, K04D, B08A, M04C, J05D, E07A, PINE, GDXM, HAWA, HAWA, K05A, O03E, D08A, D08A, E08A.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C09A, C09A, ORV, ORV, G08A, MOD, E09A, NEW, NEW, AFDM, AFDM, KLMR, KLMR, WVOR, CMB, BMO, VCNR, WAHR, WAHR, ARCES, ARCES, ARCES, ARCES, PAGR, WALA, PKM, NVAR, NVAR, MISO, MISO, YES, TIN, ISA, CWC, HLID, GRAC, DECC, MPMC, EDW, ELK, FURC, BFSC, TPNV, R11A, R11A, BOZ, BOZ, GSC, SHOC, EGMT, MURC, HEC, SPR3, I09C, PRN, KBZ, SHRP, PFO, PFO, PFO, TPCO, BELC, MONP2, H17A, H17A, DUG, MOOW, FINES, FINES, AHID, IKP, SWSC, BC3, FFC, IRM, RLMT, RLMT, CTU, NEE2, W13A, G13A, PDMCI, LAO, U15A, FCC, WUJZ, X16A, K22A.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PV05, PV22, PV03, PV13, PV02, PV15, PV01, W18A, MVCO, MVCO, RSSD, RSSD, X18A, N23A, TUC, TUC, AKASG, ISCO, ISCO, S22A, S22A, HSIG, SUW, NOA, NOA, Q24A, ULM, ULM, S39A, S39A, ANMO, ANMO, ANMO, 121A, AGMN, AGMN, T25A, T25A, F33A, MNX, MNX, ECSD, CRVS, TXAR, YHYS, GERES, SYO, TORD, TORD, SDV, PLCA, MT05, PZEP, LCO, PB16, LVC, LVC, LPAZ, LPAZ, LPAZ, PTGA, PTGA, PTGA, SAML, SIV, SIV, CPUP, CPUP.

RSPR 21 21:4:21.8, 18.95N-.6526W, h44km±7km, MD2.9/4,6C-3D,

Table with columns for Code, Station Name, Azimuth, Elevation, Phase, and other technical details. Includes stations like TBVI, TBVI, TBVI, TBVI, Canovanas, Canovanas, Canovanas, Canovanas, Monte Pirata, Monte Pirata, Monte Pirata, Guaynabo City, Guaynabo City, Guaynabo City, Interuniversit, Interuniversit, Esperanza - Ma, Esperanza - Ma, Esperanza - Ma, Esperanza - Ma, Cerrillos, Cerrillos, Cerrillos, Arcobio Observ, Arcobio Observ, Obispo Ponce, Obispo Ponce, Obispo Ponce.

| | | | | |
|------|----------------|-----|----|-----------------|
| FUSS | | S | Sn | 00 53 54.7 -1.7 |
| WHF | baz=245 | P | Pn | 00 53 46.4 -1.3 |
| WHF | Hehuan Shan | | | 00 53 55.2 -2.3 |
| WHF | baz=242 | eS | Sn | 00 53 47.5 +0.1 |
| YM01 | YM01 | i P | Pn | 00 53 57.0 -0.2 |
| YM01 | baz=338 | S | Sn | 00 53 47.1 -0.6 |
| TWT | Tachien | | Pn | 00 53 57.2 -0.3 |
| TWT | baz=243 | eS | Sn | 00 53 47.6 0.0 |
| YM10 | YM10 | i P | Pn | 00 53 57.4 -0.1 |
| YM10 | baz=338 | S | Sn | 00 53 47.8 +0.1 |
| YM11 | YM11 | | Pn | 00 53 57.2 -0.4 |
| YM11 | baz=339 | eS | Sn | 00 53 47.7 0.0 |
| YM05 | YM05 | i P | Pn | 00 53 57.1 -0.6 |
| YM05 | baz=338 | eS | Sn | 00 53 47.8 0.0 |
| YM04 | YM04 | | Pn | 00 53 57.2 -0.4 |
| YM04 | baz=336 | eS | Sn | 00 53 47.1 -0.8 |
| TDCB | Techi | | Pn | 00 53 56.2 -1.7 |
| TDCB | baz=244 | eS | Sn | 00 53 47.1 -0.6 |
| NWRT | Kuosheng | | Pn | 00 53 57.8 0.0 |
| NWRT | baz=346 | eS | Sn | 00 53 48.0 +0.2 |
| TWS1 | Kuangyinshan | | Pn | 00 53 58.0 +0.2 |
| TWS1 | baz=325 | S | Sn | 00 53 47.7 -0.1 |
| YM08 | YM08 | i P | Pn | 00 53 56.7 -1.2 |
| YM08 | baz=341 | eS | Sn | 00 53 48.1 -0.2 |
| ANP | Anpu | | Pn | 00 53 58.1 -0.6 |
| ANP | baz=337 | eS | Sn | 00 53 48.5 +0.2 |
| NTST | Danshui | | Pn | 00 53 59.4 +0.7 |
| NTST | baz=340 | eS | Sn | 00 53 48.7 +0.1 |
| NCU | National Centr | | Pn | 00 54 00.5 +1.2 |
| NCU | baz=292 | eS | Sn | 00 53 49.0 +0.5 |
| NCUH | Zhongji | | Pn | 00 53 59.9 +0.7 |
| NCUH | baz=292 | eS | Sn | 00 54 00.2 +0.2 |
| CHGB | Renai | | Pn | 00 53 49.4 +0.5 |
| CHGB | baz=240 | eS | Sn | 00 53 49.4 +0.5 |
| LIOB | Emei | | Pn | 00 54 00.1 +0.2 |
| LIOB | baz=280 | eS | Sn | 00 54 00.1 +0.2 |
| TWY | Chenhua | | Pn | 00 54 00.1 +0.2 |
| TWY | baz=344 | eS | Sn | 00 53 49.8 +0.8 |
| NSTT | Nanjuang | | Pn | 00 53 59.7 -0.3 |
| NSTT | baz=279 | eS | Sn | 00 53 49.6 +0.5 |
| NSM | Shimen | | Pn | 00 53 48.2 -1.1 |
| NSM | baz=343 | eS | Sn | 00 54 00.5 +0.1 |
| ESL | Shilin | | Pn | 00 53 50.7 +1.0 |
| ESL | baz=214 | eS | Sn | 00 54 03.0 +1.7 |
| SBCB | Hsinchu | | Pn | 00 53 50.1 +0.1 |
| SBCB | baz=290 | eS | Sn | 00 54 02.4 +0.6 |
| HSN | Hsinchu | | Pn | 00 53 50.1 -0.1 |
| HSN | baz=293 | eS | Sn | 00 53 50.8 -0.2 |
| WHP | Taichung City | | Pn | 00 54 04.0 +0.3 |
| WHP | baz=249 | eS | Sn | 00 53 52.8 +1.2 |
| EGFH | Guangfu | | Pn | 00 54 05.7 +1.1 |
| EGFH | baz=217 | eS | Sn | 00 53 52.1 +0.5 |
| NMLH | Miaooli | | Pn | 00 54 05.4 +0.7 |
| NMLH | baz=272 | eS | Sn | 00 53 53.6 +1.6 |
| JYNG | Yonagunijimaku | | Pn | 00 54 06.8 +1.4 |
| JYNG | baz=272 | eS | Sn | 00 53 51.7 -0.4 |
| TWQ1 | Liyutan | | Pn | 00 53 52.5 -0.4 |
| TWQ1 | baz=261 | eS | Sn | 00 53 53.0 +0.1 |
| NSY | Sanyi | | Pb | 00 54 06.6 +0.4 |
| NSY | baz=274 | eS | Sn | 00 53 54.2 +1.0 |
| YOJ | Yonaguni jima | | Pb | 00 54 10.8 +2.5 |
| YOJ | baz=81 | eS | Sn | 00 53 53.4 +0.1 |
| SMLT | Sun Moon Lake | | Pn | 00 53 53.3 -0.1 |
| SMLT | baz=234 | eS | Sn | 00 54 09.8 +1.9 |
| HGSD | Ruisui | | Pn | 00 53 53.7 -0.4 |
| HGSD | baz=234 | eS | Sn | 00 53 52.0 -1.7 |
| SSLB | Suanglung | | Pn | 00 53 55.0 +0.6 |
| SSLB | baz=236 | eS | Sn | 00 53 54.3 -0.4 |
| PCYT | Pengchaiyu | | Pb | 00 54 11.6 +2.8 |
| PCYT | baz=11 | eP | Pb | 00 53 56.8 +0.5 |
| EHY | Hungye | | Pn | 00 54 14.8 +3.7 |
| EHY | baz=206 | eS | Sn | 00 53 54.2 -1.0 |
| WDJ | Dajia District | | Pn | 00 54 12.3 +1.2 |
| WDJ | baz=261 | eP | Pb | 00 53 57.9 +1.6 |
| TCU | Taichung | | Pb | 00 54 15.5 +4.3 |
| TCU | baz=252 | eS | Sn | 00 53 57.6 +1.1 |
| WHYT | Xinyi Township | | Pb | 00 54 15.8 +4.4 |
| WHYT | baz=235 | eS | Sn | 00 53 57.8 +1.2 |
| YULB | Yu-ji | | Pn | 00 54 15.8 +4.4 |
| YULB | baz=204 | eS | Sn | 00 53 56.9 +0.1 |
| WNT1 | Nantou City | | Pb | 00 54 15.5 +3.7 |
| WNT1 | baz=241 | eS | Sn | 00 53 56.6 -0.2 |
| WJS | Zhushan | | Pn | 00 54 12.7 +0.8 |
| WJS | baz=236 | eS | Sn | 00 53 55.4 -1.5 |
| WNT | Mingjian | | Pb | 00 54 12.7 +0.8 |
| WNT | baz=240 | eS | Sn | 00 53 56.9 +0.1 |
| WCHH | Zhanghua | | Pn | 00 54 15.5 +3.7 |
| WCHH | baz=250 | eS | Sn | 00 53 56.6 -0.2 |
| EYUL | Yuli | | Pb | 00 54 12.7 +0.8 |
| EYUL | baz=216 | eS | Sn | 00 53 55.4 -1.5 |
| TWF1 | Yuli | | Pb | 00 54 12.7 +0.8 |
| TWF1 | baz=216 | eS | Sn | 00 53 58.6 -0.6 |
| ALS | Alishan | | Pb | |
| ALS | baz=211 | eP | Pb | |

| | | | | |
|-------|----------------|----|----|-----------------|
| ALS | baz=211 | eS | Sb | 00 54 15.7 -1.0 |
| FULB | Fuli | | Pb | 00 53 57.5 -1.8 |
| FULB | baz=214 | eS | Sb | 00 54 14.9 -2.1 |
| CHNS | Tsauling | | Pb | 00 54 00.0 +0.6 |
| CHNS | baz=230 | eS | Sb | 00 54 19.5 +2.3 |
| WDLH | Douliu | | Pb | 00 54 00.6 +0.5 |
| WDLH | baz=236 | eS | Sb | 00 54 21.5 +3.0 |
| CHKT | Chengkung | | Pb | 00 53 58.8 -1.7 |
| CHKT | baz=184 | eP | Pb | 00 54 02.0 +1.1 |
| RLNB | Erlin | | Pb | 00 53 59.4 -2.0 |
| RLNB | baz=246 | eP | Pb | 00 54 18.2 -2.3 |
| ELDTW | Lidau | | Pb | 00 54 01.5 -0.7 |
| ELDTW | baz=210 | eS | Pb | 00 54 03.3 +0.1 |
| WTK | Tuku | | Pb | 00 54 26.6 +3.0 |
| WTK | baz=239 | eP | Pb | 00 54 03.2 -0.3 |
| CHN4 | Tsaushan | | Pb | 00 54 25.6 +1.6 |
| CHN4 | baz=213 | eS | Pb | 00 54 02.7 -0.9 |
| TPUB | Ta-pu | | Sb | 00 54 02.7 -1.3 |
| TPUB | baz=211 | eS | Sb | 00 54 23.6 -1.3 |
| CHY | Chiayi | | Pb | 00 54 01.5 -0.1 |
| CHY | baz=221 | eP | Pb | 00 54 23.8 +1.2 |
| STYT | Tauyuan | | Pb | 00 54 03.0 -1.3 |
| STYT | baz=207 | eS | Pb | 00 54 05.3 -0.2 |
| IRIF | Iriomote-Funau | | Pn | 00 54 28.5 +1.3 |
| IRIF | baz=207 | P | Pn | 00 54 05.5 -0.5 |
| WTP | Ta-pu | | Sn | 00 54 29.9 +1.7 |
| WTP | baz=208 | eS | Sn | 00 54 04.9 -1.4 |
| TKW | Hsiuying | | Pb | 00 54 03.1 -0.4 |
| TKW | baz=212 | eS | Pb | 00 54 04.8 -1.9 |
| CHN1 | Nanshi | | Pn | 00 54 05.2 -1.5 |
| CHN1 | baz=211 | eS | Pb | 00 54 06.9 -0.4 |
| HATJ | Hateruma jima | | Pn | 00 54 06.6 -2.1 |
| HATJ | baz=190 | P | Pn | 00 54 29.8 +0.6 |
| TWGT | Beinan | | Pb | 00 54 07.4 -2.8 |
| TWGT | baz=208 | eP | Pb | 00 54 35.0 -0.4 |
| SGST | Jiashan | | Pb | 00 54 07.5 +0.9 |
| SGST | baz=208 | eP | Pn | 00 54 32.1 +0.3 |
| ICHU | Yijhu | | Pb | 00 54 09.3 -1.6 |
| ICHU | baz=232 | eP | Pb | 00 54 36.8 +0.2 |
| SLGT | Liugui | | Pb | 00 54 10.4 -1.0 |
| SLGT | baz=217 | eP | Pn | 00 54 08.1 +0.6 |
| JKRS | Kuro-shima | | Pn | 00 54 10.1 -2.8 |
| JKRS | baz=218 | P | Pn | 00 54 38.3 -1.6 |
| SCST | Cishan | | Sn | 00 54 08.0 +1.0 |
| SCST | baz=218 | eS | Sn | 00 54 11.1 -3.7 |
| JJJ | Ishigaki jima | | Pn | 00 54 10.1 0.0 |
| JJJ | baz=211 | eS | Pn | 00 54 10.5 -0.3 |
| SSD | Sandimen | | Pb | 00 54 13.8 -2.7 |
| SSD | baz=213 | eS | Pb | 00 54 13.5 +1.1 |
| TSMG | Majia | | Pb | 00 54 13.1 -0.1 |
| TSMG | baz=213 | eP | Pn | 00 54 15.5 +1.9 |
| PTTC | Pingnan | | Pn | 00 54 13.9 +0.2 |
| PTTC | baz=297 | eP | Pn | 00 54 15.8 -0.4 |
| MASBT | Mashibuluo | | Pb | 00 54 16.3 -0.8 |
| MASBT | baz=211 | eS | Pb | 00 54 19.7 +0.2 |
| JISG | Ishigakijimahi | | Pn | 00 54 23.6 -4.9 |
| JISG | baz=211 | P | Pn | 00 54 21.3 -0.4 |
| VVUC | VVUC | | Sn | 00 54 26.9 -0.2 |
| VVUC | baz=281 | eS | Sn | 00 56 57.9 +1.3 |
| PNG | Penghu | | Pn | 00 59 08.1 +1.0 |
| PNG | baz=246 | eP | Pn | 01 00 55.0 +1.2 |
| EAST | Anshuo | | Pb | 01 01 08.1 -0.3 |
| EAST | baz=195 | eP | Pb | 01 01 52.6 -0.9 |
| PHUB | Peng-hu | | Pn | 01 05 53.4 +0.9 |
| PHUB | baz=245 | eP | Pn | 01 05 51.5 -1.6 |
| MATB | Ma-tsu | | Pn | |
| MATB | baz=312 | eP | Pn | |
| SCZT | Fangliu | | Pb | |
| SCZT | baz=196 | eP | Pn | |
| SLIU | Shizi | | Pn | |
| SLIU | baz=194 | eP | Pn | |
| PTMZ | Houxiangcun | | Pn | |
| PTMZ | baz=281 | eP | Pn | |
| TJ | Tarama | | Pn | |
| TJ | baz=240 | P | Pn | |
| VCHM | Qimei | | Pn | |
| VCHM | baz=240 | P | Pn | |
| LYJJ | Jianjiangzhen | | Pn | |
| LYJJ | baz=316 | eP | Pn | |
| XPSS | Dashiqu | | Pn | |
| XPSS | baz=328 | eP | Pn | |
| MHZQ | Yeshan | | Pn | |
| MHZQ | baz=300 | eP | Pn | |
| KNM | Kinmen | | Pb | |
| KNM | baz=267 | eP | Pn | |
| KNMB | Chin-men Tao | | Pn | |
| KNMB | baz=268 | eP | Pn | |
| AXDP | Jialang | | Pn | |
| AXDP | baz=275 | eP | Pn | |
| KRSR | Korea Array | | P | |
| KRSR | 13.89 20 P | | P | |
| SONM | Songino Array | | P | |
| SONM | 26.30 336 P | | P | |
| MKAR | Makanchi Array | | P | |
| MKAR | 38.53 315 P | | P | |
| ZALV | Zalesovo Beam | | P | |
| ZALV | 40.30 327 P | | P | |
| WRA | Waresung Arr | | P | |
| WRA | 45.84 164 P | | P | |
| SUMC | Summit | | P | |
| SUMC | 82.23 354 P | | P | |
| YKA | Yellowknife Ar | | P | |
| YKA | 82.42 23 P | | P | |

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|------|---------------|--|----|-----------------|
| UZB | Uzynbulak | | Pn | 01 06 13.1 -0.6 |
| UZB | 160nm,0.3s | | eS | 01 06 28.5 0.0 |
| DJR | Jarkent | | Pg | 01 06 18.3 -0.4 |
| DJR | 159nm,0.1s | | eS | 01 06 37.2 +1.0 |
| KPKS | Kokpek | | Pg | 01 06 18.3 -0.4 |
| KPKS | baz=88 | | eS | 01 06 37.8 +1.5 |
| KPKS | Kokpek | | Pg | 01 06 18.2 -0.4 |
| KPKS | 255nm,0.1s | | eS | 01 06 37.7 +1.5 |
| ZHN | Zhinisheke | | Pb | 01 06 20.4 0.0 |
| ZHN | 788nm,0.2s | | eS | 01 06 41.3 +0.9 |
| ZHN | baz=76 | | eS | 01 06 20.4 0.0 |
| ZHN | Zhinisheke | | Pb | 01 06 41.3 +0.9 |
| ZHN | 44nm,0.2s | | eS | 01 06 20.9 -0.6 |
| SATY | Saty | | Pg | 01 06 42.3 +1.3 |
| SATY | 224nm,0.1s | | eS | 01 06 20.9 -0.6 |
| SATY | baz=72 | | eS | 01 06 42.3 +1.3 |
| SATY | Saty | | Pg | 01 06 42.3 +1.3 |
| SATY | 192nm,0.2s | | eS | 01 06 23.2 -0.6 |
| PRZ | Przheval'sk | | Pg | 01 06 45.7 +0.8 |
| PRZ | 441nm,0.1s | | eS | 01 06 25.2 -0.5 |
| PRZ | baz=52 | | eS | 01 06 49.7 +1.7 |
| KURS | Kuram | | Pg | 01 06 25.1 -0.5 |
| KURS | baz=85 | | eS | 01 06 49.6 +1.6 |
| KURS | Kuram | | Pg | 01 06 25.1 -0.5 |
| KURS | 42nm,0.2s | | eS | 01 06 25.1 -0.5 |
| MNBS | Baschi | | Pb | 01 06 25.7 -0.2 |
| MNBS | 332nm,0.4s | | eS | 01 06 50.6 -0.1 |
| MNBS | 418nm,0.3s | | eS | 01 06 29.6 -0.8 |
| ANVS | Anan'yevu | | Pb | 01 06 58.1 -1.0 |
| ANVS | 1um,0.3s | | eS | 01 06 58.1 -1.0 |
| ANVS | baz=64 | | eS | 01 06 33.6 +0.6 |
| ARXS | Arharly | | Pg | 01 07 03.6 -0.5 |
| ARXS | 194nm,0.3s | | eS | 01 07 03.5 +0.3 |
| KAPS | Kapalarasan | | Pb | 01 07 07.2 -1.2 |
| KAPS | 830nm,0.3s | | eS | 01 06 36.7 +0.1 |
| KAPS | 86nm,0.3s | | eS | 01 07 09.4 -1.4 |
| KAPS | 406nm,0.2s | | eS | 01 06 38.6 -1.1 |
| TDK | Taldyqorghhan | | Pb | 01 07 12.4 +0.9 |
| TDK | 142nm,0.3s | | eS | 01 06 39.5 -1.1 |
| TDK | 1um,0.4s | | eS | 01 07 13.9 +1.0 |
| KOTS | Kotrybulak | | Pg | 01 06 38.6 +0.8 |
| KOTS | 98nm,0.2s | | eS | 01 07 13.4 |
| KOTS | 549nm,0.5s | | eS | 01 06 42.7 +1.0 |
| MDOK | Medeo | | Pg | 01 07 14.5 |
| MDOK | 40nm,0.3s | | eS | 01 06 40.4 +1.6 |
| MDOK | 164nm,0.6s | | eS | 01 07 15.5 +0.1 |
| MDOK | Medeo | | Pg | 01 06 36.6 +1.7 |
| MDOK | 21nm,0.4s | | eS | 01 06 36.6 +1.7 |
| MDOK | 188nm,0.7s | | eS | 01 06 40.9 -1.6 |
| KNDC | Almaty | | Pg | 01 07 16.1 0.0 |
| KNDC | 28nm,0.3s | | eS | 01 06 40.9 +0.7 |
| KNDC | 202nm,0.5s | | eS | 01 07 16.1 -1.4 |
| TNSS | Tian-Shan | | Pg | 01 06 44.6 +1.4 |
| T | | | | |

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Table with columns: YOA, Uoyan, 3.73 34 ePN, Pb, 03 06 22.3 +1.5, 03 07 13.4, HIA, Hailar, 8.29 113 / Pn, Pn, 03 07 12.7 -2.7, 03 07 12.4 -3.0, ARU, Arti, 28.24 297 P, P, 03 11 10.2 +2.0

2014 DEC

Table with columns: HIA, Hailar, 8.29 113 / Pn, Pn, 03 07 12.7 -2.7, 03 07 12.4 -3.0, ARU, Arti, 28.24 297 P, P, 03 11 10.2 +2.0

22d 3h

Table with columns: ARU, Arti, 28.24 297 P, P, 03 11 10.2 +2.0, WEL 22 03:14:01.9, 40'S, 174°E, h99km, 3km, M2.9/40, ML3.2/28, MLV2.9/40, Error ellipse: s-maj=0.0km s-min=0.0km az=67.9, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEZP, GAZI, KSL, AKAS, etc.

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

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

2014 DEC 22 05:16:47.5±2.5, 6.01S±129.87E, h0km, mb3.3/1, mb1 3.2/3, mb1mx3.1/32, mbtmp3.0/3, ML2.9/2, Error ellipse: s-maj=159.2km s-min=33.0km az=69.0, Banda Sea

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

2014 DEC 25:29:32.6±2.5, 54.27N±86.08E, h0km, mb1 2.9/2, mb1mx2.8/52, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=18.7km s-min=11.1km az=54.0, Southwestern Siberia

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

2014 DEC 25:31:00.4±0.4, 15.85S±70.00W, h237km, 49km, mb2.9/1, mb1 3.2/3, mb1mx2.9/32, mbtmp3.7/3, Error ellipse: s-maj=99.1km s-min=18.4km az=107.0, Peru-Bolivia border region

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

2014 DEC 22 05:51:33.2±3.1, 54.19N±86.92E, h0km, mb1 2.7/2, mb1mx2.7/41, mbtmp2.7/2, ML2.1/2, Error ellipse: s-maj=26.1km s-min=17.0km az=60.0, Southwestern Siberia

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

2014 DEC 22 06:04:50.6±2.0, 26.6N±0.1x128.88E±0.1, h10km, 1km, mb4.4/18, Error ellipse: s-maj=27.0km s-min=7.8km az=208.0

2014 DEC 22 06:04:54.0±2.6, 57N±128.72E, h25km, 3km, M3.7, NIED 22 06:04:54.0, 26.57N±128.72E, h25km, MW4.2, Moment Tensor solution: s3 Moment tensor: Scale 1015Nm; Mn:0.52; Mw:0.09; Ms:0.43; Ml:1.29; Mm:0.75; Mw:1.61; Full plane solution: M2.20000x10^15 NPT:3.9, 0.00000, 3.80, 0.00000, 1.90, 0.00000. NPF:2.18, 0.00000, 3.10, 0.00000, 1.89, 0.00000.

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

2014 DEC 22 06:04:55.2±1.4, 26.49N±128.33E, h29km, 7km, mb3.8/16, mb1 4.0/17, mb1mx3.8/62, mbtmp4.0/17, ML3.5/1, MS3.3/10, Ms1 3.3/10, ms1mx3.1/52, Error ellipse: s-maj=26.9km s-min=16.1km az=68.0

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

2014 DEC 22 06:04:55.2±1.4, 26.49N±128.33E, h29km, 7km, mb3.8/16, mb1 4.0/17, mb1mx3.8/62, mbtmp4.0/17, ML3.5/1, MS3.3/10, Ms1 3.3/10, ms1mx3.1/52, Error ellipse: s-maj=26.9km s-min=16.1km az=68.0

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

2014 DEC 22 06:04:55.2±1.4, 26.49N±128.33E, h29km, 7km, mb3.8/16, mb1 4.0/17, mb1mx3.8/62, mbtmp4.0/17, ML3.5/1, MS3.3/10, Ms1 3.3/10, ms1mx3.1/52, Error ellipse: s-maj=26.9km s-min=16.1km az=68.0

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

2014 DEC 22 06:04:55.2±1.4, 26.49N±128.33E, h29km, 7km, mb3.8/16, mb1 4.0/17, mb1mx3.8/62, mbtmp4.0/17, ML3.5/1, MS3.3/10, Ms1 3.3/10, ms1mx3.1/52, Error ellipse: s-maj=26.9km s-min=16.1km az=68.0

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

Table with columns: ZALV, Rg, Rg, 06 45 56.0, 2.2nm, 0.5s, baz=72, slow=28, SNR=7.8, KURBB Kurchatov Arra 5.96 237 Pn Pn 06 46 46.9 +1.1, MKAP Miskami Array 7.81 201 Pn Pn 06 47 12.1 +1.0

PGC 22:06:51.37:4.2,2.0,50.75N:130.53W,h10km,mb4.3, ML.SN.3/93,Mw4.5,219km W of Pt. Hardy, BC Vancouver Island, Canada Region NEIC 22:06:51.38:1.2,4.0,50.80N:130.53W:0.2,h14km,6km, Error ellipse: s-maj=20.4km s-min=9.1km az=59.6, IDC 22:06:51:40.3,0.0,50.80N:130.53W:h3km,mb2.6, M1 1.4/1.15, mb1px3.9/4.3, mbmp3.8/15, ML3.4/9, MS3.6/16, M1 3.6/16, ms1mx3.5/6, Error ellipse: s-maj=11.5km s-min=7.0km az=101.0 NEIC 22:06:51:41.1,50.75N:130.52W,h3km,Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:0.05; Mw:0.31; Mw0.30; Mw:0.38; Mw:0.25; Mw:0.57; Fault plane solution: M7.90000x1015 NP1:330.00000, 388.00000, 1.120.00000. NP2:63.00000,630.00000, 74.00000. Principal axes: T 0.7444, Plg40.0000, Azm267.0000; N 0.0858, Plg30.0000, Azm148.0000; P -0.6302, Plg6.0000, Azm34.0000. ISC 22:06:51:39.6,0.0,50.80N:130.53W:0.05,h1398W:0.05, h1km,25km,n308,-c142/304,mb4.3/18,MS3.6/8, Vancouver Island region

Main station list table with columns: Code, Station Name, Az, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HOLB Holberg, HCLB Hot Spring, HG4B Hot Spring, PHC Port Hardy, PBB Bella Bella, BBB Bella Bella, MAYB Maynard, FHRB Fair Harbour, TLCB Telegraph Cove, EDB Eliza Dome, HGB Mitchell Dam, MOCB Moresby Island, WOSB Woss, BNA8 Bonilla, DIB Dawson Inlet, DIB Dawson Inlet, NCRB Newcastle Ridge, HWKB Hawksbury Isla, ETB Estevan Point, ELR Gold River, GRNB Grenville Isla, CBB Campbell River, TOFB Tofino, BTB Buttle Lake, KITB Kitimat, RUBB Prince Rupert, RUBB Prince Rupert, OZB Mount Ozzard, B927 Port Alberni, TXB Texada, MGB Mount Grey, GNB Nanoose, SHB Sechart, NLLB Nanaimo Lost L, B926 Mesachie Lake, OCP Olym-Cheeka Pk, WFB Watts Point, BIB Bowen Island, GOBB Galiano Island, CRAG Craig, OBC Olympps-Boni, B009 North Saanich, B010 North Saanich, PGC Sidney, PGC Sidney, SOKB Sooke, B011 North Saanich, SNB Saturna Island, STW Striper, FSB Fort Saint Jam, VGZ Gonzales, HNB Haney, OSD Olympps-Snow, MCW Mount Constitu, A04D Lummi Island, LLLB Lillooet, NLWA Neilton Lookou, ELN Elyn Mountain, A05A Maple Falls, WRAK Wrangell Isla, WISH Wishkah, HDW Hoodspout, D03D Eldon, M03W Mount Baker, CMW Cullus Mountai, B05A Bryant, JCW Jim Creek, D04E Lakebay, E03A Lebam, RPW Rockport, GPW Glacier Peak, D05A Enumclaw, D05A Enumclaw, E04D Cinebar, F04D Rainier, OR, PMW Mount Fremont, FNT Nantuxton, BMBC Bull Mountain, EMBC, F04A Amboy, LTY Liberty, LTY Liberty, NB4 Northern BC, NB4 Northern BC, B08A Colville Reser, B08A Colville Reser, MNB Mounoet Dainar, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, DLBC Dease Lake, F05D White Salmon, JIS Juneau Island, NB5 Northern BC, NB5 Northern BC, E07A Sunnyside, B08B Sessie Mountai, G05D Wamic, OR, H04A Detroit Lake

Main station list table with columns: D08A Wollman Farm, HAWA Hanford, C09A Chrisman Ranch, F07A Phinny Hill, I03D Drain, NEW Newport, NEW Newport, NEW Newport, E09A Wood Camp, PL02 Pleasant Camp, K02D Williams Mer, G08A Pilot Rock, I07A Izeze, F10A Beach Ranch, E, WHY Whitehorse, WHY Whitehorse, L04D Klamath Falls, YBH Yreka Blue Hor, BMO Blue Mountains, HYT Haines Junction, MSO Missoula, MSO Missoula, WVOR Wild Horse Val, MFID Carnas Ranch, HRY Holter Researc, LRM Limekiln Ridge, GEKR Gearhart, HLD Hailey, DLHD Hailey, DLMD Dillon, GCVI Bear Canyon, N25K Chitina, Valde, PAHR Pah Rahn Rang, BOZ Bozeman (W), AFDM Forest Hills D, EGMT Eggleton, EGMT Eggleton, EGMT Eggleton, PNTR Pine Nut, YHL Hingeb Lake, YHR Horse Butte, YMR Madison River, YWH Holmes Hill, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, ELK Elko, ELK Elko, CMB Columbia Colle, KDAK Kodiak Island, H17A Grant Village, YNE Yellowstone No, RC01 Rabbit Creek A, FLWY Flagg Ranch, SCRK Sand Creek, NVAR Navajo, NVAR Navajo, MOOV Moose Ponds, EGAK Eagle, NV11 Mina Array Sit, HVU Hansel Valley, RLMT Red Lodge, CAPN Captain Cook N, MDPB Devils Postpil, EGU Big Grassy Moun, PHH Pine Hill, EPYK Eagle Plains, HWUT Hardware Ranch, HWUT Hardware Ranch, DUG Dugway, Tooele, DUG Dugway, Tooele, MCK McKinley, R11A Troy Canyon, TOUT Toone Canyon, PD31 Pinedale Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, ILAR Eielson Array, ILAR Eielson Array, LAO Lasa Array, LAO Lasa Array, JRU Jordanelle, GRAC Grapevine Rang, CWC Cottonwood Cre, NEA2 Nenana, PSUT Pine Spring, VEST Vestal, Richr, DGMT Dagmar, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, FURC Furnace Creek, ISA Isabella, Lake, ISA Isabella, Lake, MPMC Mineral Prospec, PFC Flin Flon, INK Inuvik, INK Inuvik, PKM Mcpherson Peak, MLY Manley, MVU Marysvale, MSU Marysvale, P17A Butcher Ranch, LRMC Laurel Mtn Rang

Main station list table with columns: SHOC Shoshone, Teco, SZCU Shurtz Canyon, SMAR Summit Mountain, MTPU Mount Pierson, K22A Casper, K22A Casper, GSC Goldstone, Bar, GSC Goldstone, Bar, RWMT Pleasant Camp, LCWY Little Creek M, KUKN Kuglukutuk,NWT, KNB Kanab, O20A White River Ci, C36M Paulatuk, C36M Paulatuk, C36M Paulatuk, RSSD Black Hills, RSSD Black Hills, HEC Hector Ludlow, BFSC Mount Baldy Ra, GMR Goldfoot, COLC Granite Mounta, IMAR Indian Mountal, PV22 Blue Mesa, PA, PV11 David Mesa, Pa, PV18 Skein Mesa, Pa, PV12 Saucer Basin, MURC Murista, W13A Hualapai Mount, W13A Hualapai Mount, PV03 Paradox Valley, PV03 Paradox Valley, BELC Belle Mtn. Jos, E28A Hulle, E28A Hulle, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, TOLK Toolik Lake Re, TOLK Toolik Lake Re, MDND Maddock, MDND Maddock, PDMC Parker Dam, Lak, 109C Camp Elliot, M, ISCO Idalia Springs, WUAZ Wupatki, WUAZ Wupatki, MONP2 Monument Peak, MVCO Mesa Verde, MVCO Mesa Verde, BAR Barrett, BAR Barrett, SWSC Sam W. Stewart, IKP Kaye Churchill, GLA Glamis, GLA Glamis, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, X16A Lo Mia Camp, P, ESJX Sierra Juarez, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, SDCO Great Sand Dun, SDCO Great Sand Dun, FCC Fort Churchill, FCC Fort Churchill, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Agassiz Nation, KSCO Kaye Shedlock, KSCO Kaye Shedlock, T25A Trinidad, T25A Trinidad, T25A Trinidad, K31A O'Neill, F33A 5 Mile Ranch, TUC Tucson, TUC Tucson, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, BNB Barren Hill, BNB Barren Hill, SLO Sloss Lookout, SLO Sloss Lookout, 121A Cookes Peak, D, L34A Svendsen Farm, D

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like H03N1 Juan Fernandez, LC01 Cunico, VNA3 Neumayer Olymp, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like ASAR Alice Springs, PSGCX Pisagua, PSB08 IPOC Station P, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like JAY, GENI Genyem, SAMLL Samuel, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KURK Kurchatov, ZALV Zalesovo Beam, etc.

IDC 22 08:27:33.8:3.2,53:62N-90:76E, h0km, mb1 3.6/3, mb1mx3.2/37, mbtmp3.6/3, ML3.1/3, Error ellipse: s-maj=26.8km s-min=21.5km az=52.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

SOME 22 08:35:11.8, 40:28N:76:77E, h5km KRN22 08:35:12.5:0.1, 40:05N:77:27E, mb3.6 NNC 22 08:35:14.1:2.0, 40:31N:76:86E, h0km, mb4.2, mpv3.9

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KDJ Kajisay, ULHL Ulahol, BOOM Boomsokoye usch, etc.

2014 DEC

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MDOK, KOTS Kotyrbulak, KOTS Kotyrbulak, etc.

22d 9h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

IDC 22 09:00:46.1:3.1,54:58N-86:39E, h0km, mb1 3.1/2, mb1mx3.0/43, mbtmp3.1/2, ML2.5/2, Error ellipse: s-maj=24.1km s-min=14.4km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 22 09:15:52.8:2.6,54:20N-87:09E, h0km, mb1 3.1/2, mb1mx3.0/40, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=22.1km s-min=15.7km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

WEL 22 09:16:21.7, 45:2:16:8E, h84km, mb2.6/10, ML2.6/10, MLV2.6/10, Error ellipse: s-maj=0.0km s-min=0.0km az=87.7, South Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MSZ Milford Sound, WKZ Wankok, etc.

KRN22 09:25:51.9:0.1, 43:85N-69:24E, mb2.9 SOME 22 09:25:53.8, 43:52N-69:65E

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRLS Borodaya, KK31 Karatay Array, IUG Iuzhnoye, etc.

IDC 22 08:46:42.9:12.0, 24:08S-68:64E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/42, mbtmp3.7/4, MS3.8/1, Ms1 3.7/1, ms1mx3.1/45, Error ellipse: s-maj=429.6km s-min=36.1km az=51.0, Mid-Indian Ridge

22d 10h

Table with columns: KST, KST, IDC 22 09:32:43.6, 2.3, 5.07N, 126.61E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/43, mbtmp3.3/3, Error ellipse: s-maj=164.7km s-min=29.6km az=66.0

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

MOS 22 10:04:23.0, 4.0, 8.2, 70N, 144.10E, h102km, mb3.4/14, mb1 3.6/18, mb1mx3.5/32, mbtmp3.7/18, MS3.4/1, MS1 3.4/1, ms1mx2.8/34, Error ellipse: s-maj=13.2km s-min=9.7km az=53.0

JMA 22 10:04:22.4, 0.1, 4.2, 71N, 144.07E, h100km, 1km, M3.8 JMA Felt J1

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

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

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

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

2014 DEC

Table with columns: YSS, TEY, MJA, MJAR, TYV, TYV, USAO, USRK, MSHR, JHL, KLR, KLR, PETK, SEY, SEY, YAK, YAK, ULN, ULN, ULN, SONM, SONM, ZAK, ZAK, ZAK, H1N2, H1N1, H1N1, H1S3, H1S2, DGZ, DGZ, ZALV, MK31, MKAR, COLA, COLA, ILAR, ILAR, ILAR, KURK, KURK, KURK, INK, BRVK, BRVK, BRVK, ARU, ARU, ARU, ARU, YKA, YKA, YKA, ARCES, BELG, BELG, WRA, FINES, ASAR, NB2, NOA, NVAR, AKASA, PDAR, TXAR, H03N2, H03N3, H03N1

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

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

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

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

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

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Table with columns: ARSB, ARSB, MNAS, MNAS, MRKS, MRKS, MRKS, MRKS, ARLS, ARLS, ARLS, TKM2, TKM2, TKM2

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

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

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

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

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

22d 12h

Table with columns: TXAR, Pg, 11 15 15.9 -10, 11 17 13.2, 11 14 46.2 +0.9, 11 15 23.2 +0.2, 11 18 41.3, 11 20 21.2 +1.0

IDC 22 11:15:45.9-0.7, 64.64N:17.71W, h0km, mb3.8/13, mb1 4.0/15, mb1mx3.8/46, mbtmp3.8/15, ML3.6/2, Error ellipse: s-maj=23.5km s-min=13.5km az=35.0

REY 22 11:15:46.4-0.5, 64.66N:17.50W, h3km, n3m, ISC 22 11:15:46.4-0.5, 64.66N:17.52W, h10km, n50, #207/10, mb3.8/13, Iceland

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

2014 DEC

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

mb3.6/11, mb1 3.8/13, mb1mx3.6/39, mbtmp4.2/13, MS2.9/1, Ms1 2.9/1, ms1mx2.5/24, Error ellipse: s-maj=24.1km s-min=18.0km az=76.0

ISC 22 11:53:0.3-0.9, 14.87S:0.08:167.6E:0.1, h129km, n15, #131/16, mb3.8/11, Vanuatu Islands

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

Table with columns: B926, B011, GHNH, NLLB, NLLB, TXB, SHB, SHB, BOW, WBS, Sn, Pn, 12 29 21.8 -2.4, 12 28 19.6 -0.5, 12 29 30.9 -2.5, 12 28 23.9 +0.2, 12 29 33.0 -0.9, 12 29 17.5 +0.1, 12 28 29.4 +0.7, 12 28 40.8 -2.0, 12 28 29.5 +0.4, 12 28 33.0 +0.6

IDC 22 12:45:38.4-2.4, 23.47S:66.54W, h184km, 19km, mb3.0/2, mb1 3.3/6, mb1mx3.2/24, mbtmp3.7/6, Error ellipse: s-maj=46.3km s-min=21.7km az=173.0

GUC 22 12:45:41.3-0.6, 23.35S:67.04W, h233km, 20km, ML4.3, ISC 22 12:45:39.7-1.0, 23.34S:0.05:66.75W:0.08, h201km, n22, #146/38, 9C-20, Jujuy Province

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

IDC 22 11:53:53.0-2.9, 14.91S:167.47E, h154km, 25km,

PGC 22 12:26:53.1-0.1, 43.33N:128.47W, h10km, MLN4.6/2, Mw5.3, 602km Ssw of Ucluelet, Bc Off Coast Of Oregon

SJA 22 12:58:04.8-0.7, 23.53S:66.75W, h236km, 4km, ML4.1, MW3.9

IDC 22 12:58:05.9-1.1, 23.49S:66.49W, h182km, 13km, mb3.3/4, mb1 3.4/10, mb1mx3.3/31, mbtmp3.8/10, Error ellipse: s-maj=17.0km s-min=13.2km az=133.0

GUC 22 12:58:08.3-0.4, 23.61S:66.92W, h202km, 5km, ML4.3, ISC 22 12:58:06.0-0.7, 23.52S:0.04:66.85W:0.04, h216km, 7km, n54, #145/88, mb3.5/4, 9C-1D, Jujuy Province

22d 15h

Table of astronomical observations for 22d 15h, listing station names, codes, and various parameters like time, residuals, and station names.

Table of astronomical observations for 22d 15h, listing station names, codes, and various parameters like time, residuals, and station names.

2014 DEC

Table of astronomical observations for 2014 DEC, listing station names, codes, and various parameters like time, residuals, and station names.

UPA 22 13:28:40.5, 2.9 26'N, 82.72'W, h4km, 7km, MW4.4
UCR 22 13:28:41.0, 1.6 9'30"N, 82.71'W, h10km, MW3.7
ISC 22 13:28:40.3, 1.9 29'N, 0.02, 82.72'W, 0.02, h3km, 11km, n42, e084/65, 4C-6D, Panama-Costa Rica border region

Table of astronomical observations for 2014 DEC, listing station names, codes, and various parameters like time, residuals, and station names.

NNC 22 13:50:07.2, 5.9 36'32"N, 70.78'E, h0km, mb3.9, mpv3.5, 1C-3D, Error ellipse: s-maj=62.8km s-min=36.0km az=143.0, Hindu Kush region

Table of astronomical observations for 2014 DEC, listing station names, codes, and various parameters like time, residuals, and station names.

ISK 22 14:25:03.7, 39.35'N, 25.95'E, h8km, ML2.4/15
ATH 22 14:25:04.7, 39.34'N, 25.90'E, h12km, 2km, ML2.5/2, Error ellipse: s-maj=2.8km s-min=0.9km az=191.0
DDA 22 14:25:04.5, 39.35'N, 25.96'E, h11km, 1km, ML2.1
THE 22 14:25:04.8, 39.32'N, 25.89'E, h11km, 1km, ML2.1/3, Error ellipse: s-maj=1.5km s-min=0.5km az=171.0
ISC 22 14:25:04.0, 8.39'34"N, 0.02, 25.93'E, 0.02, h16km, 5km, n52, e043/81, Aegean Sea

Table of astronomical observations for 2014 DEC, listing station names, codes, and various parameters like time, residuals, and station names.

1086

Table of astronomical observations for 1086, listing station names, codes, and various parameters like time, residuals, and station names.

NEIC 22 15:13:08.8, 1.6, 18.02'S, 0.10, 178.0'W, 0.1, h589km, 6km, mb4.8/105, Error ellipse: s-maj=14.5km s-min=13.9km az=146.0
IDC 22 15:13:09.7, 0.6, 17.99'S, 178.05'W, h593km, 6km, mb3.9/28, mb1.4/130, mb1mx4.0/37, mbtmp4.9/30, Error ellipse: s-maj=11.6km s-min=8.3km az=154.0
BGR 22 15:13:09.8, 0.6, 18.33'S, 177.06'W, h600km
GCMT 22 15:13:11.8, 0.6, 18.02'S, 0.05, 178.30'W, 0.07, h575km, 4km, MWS.3/49, Moment Tensor Solution, s49, c60; Duration: 1.1; Moment tensor: Scale 1017Nm; Mn=0.30; M1=0.40; M2=0.40; M3=0.09; 0.07; Mw=0.37; 0.08; Mw0.61; 0.07; Mw=0.70; 0.07; Best double couple: M1.06800x10^17 NPT, 0.278, 0.00000, 0.834, 0.00000, lambda-1.90000, NP2=0.24, 0.00000, 0.80, 0.00000, lambda-123, 0.00000; Principal axes: T 1.1810, P1g27.00000, Azm139.00000; N -0.2250, P1g32.00000, Azm30.00000; P -0.9560, P1g46.00000, Azm261.00000; nstata refers to body waves, cutoff=40s. Triangular moment-rate function

Table of astronomical observations for 1086, listing station names, codes, and various parameters like time, residuals, and station names.

Table of astronomical observations for 1086, listing station names, codes, and various parameters like time, residuals, and station names.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ Urewera, TARA Tarawa, MSWZ Mokuau Station, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PSA00, MMRI Maumere, MEEK Meekatharra, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RND, ENH Enshi, GYA Guiyang, etc.

ZALV Zalesovo Beam 53.45 349 P P 16 02 50.2 +0.1
ABKAR Akbulak array 58.13 319 P P 16 03 23.2 -0.8
RPZ Rata Peaks 77.92 135 P P 16 05 27.9 +0.7
THZ Tophouse 78.79 133 P P 16 05 32.3 +0.3
LIT Litokhoron 79.00 310 P P 16 05 33.0 +1.0
FINES Finesarray B 79.00 332 P P 16 05 41.3 -0.1
ARCES ARCESS Array B 82.84 340 P P 16 05 53.0 +0.2

IDC 22:16:06:51.5:0.6,56:85S:150:83W,h0km,mb4.2/4,
mb1.4/4,mb1mx4.0/31,mbtmp4.2/4,Error ellipse:
s-maj=81.1km s-min=21.0km az=6.0
NEIC 22:16:06:52.6:1.0,56:91S:0:05:150:8W,0.2,h10km,1km,
mb4.7/15,Error ellipse: s-maj=22.7km s-min=7.6km
az=104.0

ISC 22:16:06:52.6:0.6,56:9S:0:3:150:8W:0:1,h10km,n52,
o050/39,mb4.6/10,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Contains station data for ZALV, ABKAR, RPZ, THZ, LIT, FINES, ARCES, and various other stations.

IDC 22:16:13:19.4:0.5,67:56S:150:68W,h0km,mb4.5/8,
mb1.4/7,mb1mx4.4/33,mbtmp4.5/8,MS3.5/6,MS1.3/5/6,
ms1mx3.3/22,Error ellipse: s-maj=34.9km s-min=16.1km
az=10.0
NEIC 22:16:13:21.4:1.2,56:8S:0:2:150:7W:0.2,h15km,3km,
mb4.9/32,Error ellipse: s-maj=25.4km s-min=16.7km
az=197.0

ISC 22:16:13:20.6:0.5,56:8S:0:2:150:61W:0:10,h10km,n92,
o063/69,mb4.8/17,MS3.5/6,Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Contains station data for VVDA, RPZ, URZ, QSPA, TBI, PPT2, BELA, VAH, SNA, STKA, and various other stations.

H03S1 Juan Fernandez 52.65 96 T T 17 19 34.8
H03S3 Juan Fernandez 52.66 96 T T 17 19 37.7
VA04 Juan Fernandez 52.84 96 P P 16 22 34.9 -1.2
H03N3 Juan Fernandez 52.94 96 T T 17 19 56.8
H03N2 Juan Fernandez 52.94 96 T T 17 19 53.9
H03N1 Juan Fernandez 52.95 96 T T 17 19 55.1

MAW Mawson 53.45 195 LR LR 16 42 47.4
BO02 Sierra Bellavi 56.34 103 P Iamb Iamb 16 23 02.2 +0.7
BO01 Las Campanas 60.84 99 P P 16 23 32.6 -0.6
FOR1 Forrest 60.23 259 P P 16 23 28.8 +0.2
AC05 EI Transito 61.20 99 P Iamb Iamb 16 23 35.5 0.0

AS31 Alice Springs 62.63 268 P P 16 23 44.2 -0.9
ASAR Alice Springs 62.54 268 P P 16 23 44.7 -0.4
ASAR Alice Springs 62.63 268 P P 16 23 43.8 -1.3
H01W1 Cape Leeuwin H 64.26 245 T T 17 33 57.6
H01W2 Cape Leeuwin H 64.27 245 T T 17 33 55.6

H01W3 Cape Leeuwin H 64.28 245 T T 17 33 56.1
GO02 Milna Guanaco 64.47 97 P P 16 23 57.5 0.0
WR00 Warramunga Arr 65.25 271 P Iamb Iamb 16 24 05.5
WB2 Warramunga Arr 65.37 271 P P 16 24 02.7 -0.4

WRA Warramunga Arr 65.38 271 P P 16 24 02.4 -0.8
WRAB Tennant Creek 65.38 271 P P 16 24 02.6 -0.5
WB0 Warramunga Arr 65.49 271 P P 16 24 03.3 -0.6
PB06 IROC Station P 66.44 96 P Iamb Iamb 16 24 11.4

LVC Limon Verde 66.88 96 P P 16 24 13.4 +0.2
PB01 IROC Station P 67.83 95 P Iamb Iamb 16 24 19.5 +0.7
TA01 Diego Aracena 67.83 94 P P 16 24 19.2 +0.4
PSCGX Pisagua 68.65 93 P Iamb Iamb 16 24 24.5 +0.5

PB11 IROC Station P 68.77 94 P Iamb Iamb 16 24 25.1 +0.2
MNMC Minye Minye 69.31 93 P P 16 24 29.5 +1.1
PB16 IROC Station P 70.01 93 P Iamb Iamb 16 24 34.9

CPUP Villa Florida 70.16 108 P P 16 24 32.9 -0.1
CPUP Villa Florida 70.16 108 P Iamb Iamb 16 24 32.8 -0.1
CPUP Villa Florida 70.16 108 P Iamb Iamb 16 24 34.0

PSA00 Pilbara Seismi 71.98 258 P Iamb Iamb 16 24 44.2 -0.1
LPAZ La Paz 72.43 93 P P 16 24 49.0 +1.2
LPAZ La Paz 72.43 93 P Iamb Iamb 16 24 48.0 +0.3

SAML Samuel 81.17 93 P P 16 25 37.1 +0.7
BDFB Brasilia 83.79 109 P P 16 25 50.0 -0.2
BDFB Brasilia 83.79 109 P Iamb Iamb 16 25 50.5 -1.2

BOSA Boshof 94.86 176 LR LR 17 06 26.7
H10S3 ASCENSION HYDR05.16 135 T T 18 25 45.5
H10S2 ASCENSION HYDR05.16 135 T T 18 25 44.3

H10N1 ASCENSION HYDR06.24 134 T T 18 27 08.8
H10N2 ASCENSION HYDR06.26 134 T T 18 27 04.0
BCAR Beaver Creek A 119.73 5 P PKIPK 16 32 09.4 0.0

CCB Clear Creek Bu 121.14 1 P PKIPK 16 32 11.9 0.0
IL31 Indian Mountain 122.48 2 P PKIPK 16 32 12.3 0.0
ILAR Eielson Array 121.28 2 P PKP 16 32 11.6 -0.6

YKA Yellowknife Arr 122.20 19 P PKP 16 32 14.1 +0.1
ILAR Eielson Array 121.28 2 P PKP 16 32 15.1 +0.4
IMR Indian Mountain 122.48 2 P PKIPK 16 32 17.5 +0.1

TORD Torodi Arr 131.55 143 P PKP 16 32 33.1 -0.3
RAYN Ar Rayn 144.74 206 P PKP 16 32 32.6 -0.7
KBL Kabul 145.24 247 P PKP 16 32 57.8 +0.1

KDJ Kajisay 146.41 265 P PKP 16 33 09.9 -0.3
MDT Midelt 146.56 121 P PKP 16 33 01.9 +0.2
MK31 Makanchi Array 146.59 276 P PKP 16 33 00.8 -0.5

MAR Makanchi Array 146.59 276 P PKP 16 33 01.2 -0.1
MAK2 Makanchi 146.77 275 P PKP 16 33 01.3 -0.5
AAK Ala-Archa 148.22 293 P PKP 16 33 06.3 +0.1

AAK Ala-Archa 148.22 293 P PKP 16 33 06.0 -0.2
ZALV Zalesovo Beam 149.10 289 P PKP 16 33 07.1 -0.6
ZALV Zalesovo Beam 149.10 289 P PKP 16 33 06.8 -1.0

KURBB Kurchatov Arr 150.81 279 P PKP 16 33 11.7 -0.3
NRIK Noril'sk 150.89 320 P PKP 16 33 11.9 -0.1
NRIK Noril'sk 150.89 320 P PKP 16 33 11.9 +0.3

ESDC Sonseca Array 152.34 114 P PKP 16 33 16.4 +0.1
ESDC Sonseca Array 152.34 114 P PKP 16 33 16.6 +0.4
CLL Collim 168.92 113 P PKP 16 34 38.0 +0.2

ISCN 22:16:16:47.1:0.3,37:34N:42:57E,h0km,ML2.5
ISCN 22:16:16:50.9,37:30N:42:53E,h5km,ML2.6/14
DDA 22:16:16:52.9,37:38N:42:57E,h7km,2km,ML2.4

ISCN 22:16:16:51.8:1.1,37:31N:0:03:42:60E:0:02,h6km,2gkm,
n31,o1938/51,Turkey

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Contains station data for SIRT, SIRR, PERV, GURU, and various other stations.

MSL comp=N,138nm,0.4s AML AML 16 17 30.3
AKDM Akdamar-V 1.06 17 PN P 16 17 11.9 -0.2
AKDM Akdamar-V 1.06 17 PN S 16 17 28.5 +1.7

GEVA Gevas 1.06 20 P S 16 17 12.0 -0.1
BLIS Bitlis-Merkez 1.16 341 P S 16 17 15.0 +0.7
BTM Batman 1.20 299 P Iamb Iamb 16 17 31.9 +0.1

SVAN Silvan-Diyarba 1.39 307 PN P 16 17 17.8 +0.1
SVAN Silvan-Diyarba 1.39 307 P S 16 17 17.8 +0.5
SVAN Silvan-Diyarba 1.39 307 P S 16 17 18.4 +0.7

MARD Mardin 1.45 271 P S 16 17 19.8 +0.3
MARD Mardin 1.45 271 P S 16 17 19.8 +0.4
MARD Mardin 1.45 271 P S 16 17 22.7 +0.1

MUZM Mu-Merkez 1.65 329 P S 16 17 39.2 -3.7
MAZI Mazidag 1.72 275 PN P 16 17 22.1 -0.2
MABY Yarto-Mus 2.05 334 PN P 16 17 27.4 +0.5

DIYA Diyarbakir 2.06 288 P Iamb Iamb 16 17 50.4 -2.5
TUTA Tutak 2.09 5 P P 16 17 30.0 -0.2
BNGB Bingol 2.25 319 PN P 16 17 30.2 +0.5

AGRB Hanur-Agry 2.28 8 PN P 16 17 30.9 +0.8
SVRC Sivrice-ELAZID 2.81 293 PN P 16 17 38.1 +0.7
PTK Pertek 2.98 303 PN P 16 17 40.2 +0.5

URFA Urfa 3.01 274 PN P 16 17 40.9 +0.9
MALT Malatya 3.45 288 PN P 16 17 47.4 +1.3
BUC 22:16:27:34.5:0.3,45:55N:26:44E,h141km,2km,m3.9/43,
126C-36D,Error ellipse: s-maj=1.9km s-min=1.6km
az=13.0,Romania

NEHR Nehoiu 0.16 221 P Op P 16 27 54.3 +0.7
NEHR Nehoiu 0.16 221 P P 16 28 09.2 +1.0
NEHR Nehoiu 0.16 221 P P 16 27 54.3 +0.7

BISRR Bisoca 0.19 89 P P 16 27 54.6 +0.9
BISRR Bisoca 0.19 89 P P 16 27 54.6 +0.9
PLOS Plostinia 0.34 26 P S 16 28 09.6 +0.5

PLOR Plostinia 0.34 26 P P 16 27 54.3 +0.2
MLR Muntele Rosu 0.35 261 P S 16 27 54.7 +0.4
MLR Muntele Rosu 0.35 261 P S 16 27 54.7 +0.4

VRI Vrincoiaia 0.38 32 P S 16 27 54.6 +0.4
VRI Vrincoiaia 0.38 32 P S 16 27 54.6 +0.4
VRI Vrincoiaia 0.38 32 P S 16 27 54.6 +0.4

ISR Istrita 0.43 170 P S 16 27 55.3 +0.7
ISR Istrita 0.43 170 P S 16 27 55.3 +0.7
ISR Istrita 0.43 170 P S 16 27 55.3 +0.7

SECR Secor 0.57 207 P S 16 27 56.1 +0.9
SECR Secor 0.57 207 P S 16 27 56.1 +0.9
SECR Secor 0.57 207 P S 16 27 56.1 +0.9

PETR Petresti 0.58 72 P P 16 27 56.2 +1.0
PETR Petresti 0.58 72 P P 16 27 56.2 +1.0
PETR Petresti 0.58 72 P P 16 27 56.2 +1.0

PLOIESTI Ploiesti 0.70 205 P P 16 27 56.9 +0.9
PLOIESTI Ploiesti 0.70 205 P P 16 27 56.9 +0.9
PLOIESTI Ploiesti 0.70 205 P P 16 27 56.9 +0.9

22Z 17h

Table with columns: BIZ, Bicaz, 1.41 351, Pn, 16 28 03.2 +0.8, etc. Lists various stations and their coordinates.

IDC 22 17:04:35.4±1.2, 10.86N:84.35W, h0km, mb4.0/5, mb1 4.3/5, mb1mx3.7/42, mbtmp4.0/5, MS3.1/3, Ms1 3.1/3, ms1mx2.7/43, Error ellipse: s-maj=27.3km s-min=10.1km az=123.0

UCR 22 17:04:38.4±3.0, 9.98N:85.65W, h11km, 5km, MW3.7, mb4.1(NEIC)

NEIC 22 17:04:41.3±2.5, 10.2N:0.1±85.46W, h0km, 11km, mb4.1/6, ML4.0(UCR), Error ellipse: s-maj=18.5km s-min=8.8km az=211.0

ISC 22 17:04:38.9±0.9, 10.03N:0.04±85.57W, h0km, 5km, n63, c1818/67, mb4.0/9.5D, Costa Rica

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

Table with columns: YKA, Yellowknife Arr, 56.42 344, P, P, 17 14 15.4 -2.5, etc. Lists stations like ILAR, Eielson Array, CMAR, etc.

IDC 22 17:20:36.7±0.7, 44.44N:114.44W, h0km, mb3.3/1, mb1 3.6/6, mb1mx3.4/57, mbtmp3.3/6, ML3.5/5, Error ellipse: s-maj=10.4km s-min=6.1km az=70.0

BUT 22 17:20:36.8±1.4, 44.47N:0.05±114.16W, h0km, 7km, ML3.7/10(NEIC), Error ellipse: s-maj=7.2km s-min=6.2km az=159.0

NEIC 22 17:20:37.1±1.5, 44.50N:0.05±114.16W, h0km, 2km, Error ellipse: s-maj=8.4km s-min=7.2km az=163.0

ISC 22 17:20:36.6±0.8, 44.48N:0.03±114.16W, h0km, n80, c191183, Western Idaho

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

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Table with columns: BGU, Big Grassy Mou, 3.65 166, Pn, Pn, 17 21 35.3 +1.6, etc. Lists stations like PDAR, Pinedale Array, ELK, etc.

BGR 22 17:42:39.0±0.6, 65.78N:18.15W, h33km, mb4.2, REY 22 17:42:40.7, 64.65N:17.36W, h3km

IDC 22 17:42:52.0±0.6, 64.59N:17.23W, h0km, mb3.8/17, mb1 4.0/21, mb1mx3.8/51, mbtmp3.8/21, ML2.6/3, MS3.6/5, Ms1 3.6/5, ms1mx3.1/43, Error ellipse: s-maj=18.7km s-min=12.4km az=37.0

NEIC 22 17:42:43.1±1.9, 64.55N:0.08±17.5W, 0.1, h10km, 1km, mb4.6/38, Error ellipse: s-maj=14.3km s-min=8.2km az=179.0

ISC 22 17:42:42.5±0.4, 64.65N:0.02±17.37W, h0km, n22, c1911/138, mb4.3/4, Iceland

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

22d 20h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like ASAJ, HYT, ERM, JIS, YAK, INK, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like YBH, YBH, J05D, M02C, KMRM, etc.

1094

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like DUG, DUG, DUG, DUG, PDAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MTE Manteigas, UCM Universidad Co, AFON Font Roja, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BGF Bois d'Agland, ROSE Rosstrenen, SGMF Saint Gilles, etc.

ICD 22:20:40:17.7z1.0, 5.83S: 130:55E, h0km, mb4.0/2, mb1.4/0.6, mb1mx3.7/42, mbtmp3.9/6, ML3.8/4, MS3.2/1, Ms1.3/2.1, ms1mx2.4/36, Error ellipse: s-maj=61.7km s-min=21.2km az=79.0

NEIC 22:20:26:7z3.0, 5.64S:0.04z131.1E:0.1, h93km, 15km, mb4.0/3, Error ellipse: s-maj=21.7km s-min=3.7km az=100.0

ISC 22:20:40:26.3z0.9, 5.73S:0.08z131.0E:0.1, h100km, n22, z=284/22, mb4.0/4, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SAUK Saumlaki, FAUI Fak Fak, SIJI Sorong, etc.

ICD 22:20:48:56.2z2.2, 22:03S:175:19W, h0km, mb4.1/5, mb1.4/3/6, mb1mx3.9/41, mbtmp4.1/6, ML4.1/1, Error ellipse: s-maj=74.2km s-min=32.7km az=132.0

ISC 22:20:49:01.0z1.1, 6.22S:0.2z175:1W:0.3, h33km, n7, z=110/7, mb4.2/5, Tonga Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

PGC 22:21:01:03z4.1, 8.50:73N:130:50W, h10km, mb4.1, ML3.3/27, Mw4.6, 217km west of Pt. Hardy, Bc Vancouver Island, Canada Region

ICD 22:21:01:05z5.0, 9.50:88N:130:02W, h0km, mb3.9/7, mb1.4/1/15, mb1mx3.8/60, mbtmp3.9/15, ML3.7/7, MS3.6/21, Ms1.3/6/21, ms1mx3.5/41, Error ellipse: s-maj=12.0km s-min=8.7km az=105.0

NEIC 22:21:01:06z4.3, 5.0:90N:0.06z130:1W:0.1, h10km, 2km, mb4.2/56, Mw4.6(OT), Error ellipse: s-maj=13.6km s-min=7.3km az=230.0

NEIC 22:21:01:06z4.3, 5.0:73N:130:50W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:14, Mtt:0.53, Mss:0.48, Mss:0.43, Mss:0.56, Mss:0.14, Fault plane solution: Mw 9.00000-1019, NP1%z=251.00000, 1.86, 0.00000, 1.32, 0.00000, NP2%z=158.00000, 859, 0.00000, 1.75, 0.00000. Principal axes: T: 0.8424, Pz25.00000, Azm119.00000, N: 0.0839, Plg58.00000, Azm257.00000, P: -0.9263, Plg19.00000, Azm20.00000.

ISC 22:21:01:05z5.3, 6.50:83N:105:130:33W:0.05, h12km, 25km, n22z, z=175/232, mb4.1/15, MS3.6/12, Vancouver Island region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HOLB Holberg, PHC Port Hardy, BBB Bella Bella, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAYB Maynard, FHRB Fair Harbour, FHRB Fair Harbour, etc.

22d 22h

Table of station data for 22d 22h, including columns for station name, time, and various parameters like SNR and error rates.

2014 DEC

Main table of station data for 2014 DEC, listing station names, times, and associated technical details.

1098

Table of station data for 1098, including station names, times, and technical parameters.

6.3790, P1g83.0000", Azm86.0000": N 0.0390, P1g7.0000", Azm289.0000": P -6.4250, P1g3.0000", Azm198.0000": nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 NEIC 22:24:48:28.9, 1.9, 7.31S:0.07x155.79E:0.07, h63km, 6km, mb4.8/36 Error ellipse: s-maj=14.2km s-min=3.7km az=46.0
 IDC 22:24:48:30.3, 2.2, 7.41S:155.88E, h82km, 19km, mb4.1/22, mb1.4/2.27, mb1mx4.1/5.1, mbtmp4.5/27, MS4.3/7, Ms1.4/3.7, ms1mx3.9/35, Error ellipse: s-maj=16.3km s-min=12.6km az=77.0
 DJA 22:48:41.3, 0.5, 8.5 "S", 5.1 "E", h138km, 7km, M4.8/12, mb4.5/12, mb5.0/3, MLV4.9/2, Mw(mb)4.3/3
 ISC 22:24:48:27.4, 0.4, 7.35S:0.06x155.82E:0.07, h50km, n133, c189/118, mb4.7/55, MS4.5/7, 1.8C, Bougainville-Solomon Islands region

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | Time | Res |
|------|----------------|-----------|-----|----------|-----|------------|------|
| | | | | | | h m s | ISC |
| HNR | Honiara | 4.58 117 | | Op | ISC | 22 49 36.3 | +2.2 |
| HNR | Port Moresby | 8.81 256 | | P | ISC | 22 51 17.1 | |
| HNR | Kororua | 4.58 117 | | Pn | | 22 49 35.1 | +1.0 |
| RABL | Rabaul | 4.80 311 | | Pn | | 22 49 42.8 | +5.5 |
| KRVT | Kororua | 4.84 308 | | Pn | | 22 49 40.4 | +5.3 |
| KRVT | Port Moresby | 8.81 256 | | LR | | 22 51 56.2 | |
| PMG | Port Moresby | 8.81 256 | | Pn | | 22 50 35.6 | +3.3 |
| PMG | Port Moresby | 8.81 256 | | LR | | 22 53 43.6 | |
| PMG | Port Moresby | 8.81 256 | | Pn | | 22 50 31.6 | -0.7 |
| COEN | Coen | 6.06 356 | | Pn | | 22 51 47.4 | -2.9 |
| PATS | Pohnpei | 14.31 10 | | Pn | | 22 51 46.9 | -0.3 |
| CTA | Charters Tower | 15.70 215 | | P | | 22 52 07.2 | -1.4 |
| CTA | Charters Tower | 15.70 215 | | LR | | 22 58 01.3 | |
| CTAO | Charters Tower | 15.70 215 | | P | | 22 52 10.7 | +2.1 |
| CTAO | Charters Tower | 15.70 215 | | IAMB | | 22 52 21.8 | |
| SMPI | Sarmi | 17.86 286 | | P | | 22 52 50.3 | +1.8 |
| DZM | Mont Dzumac | 17.87 146 | | Pn | | 22 52 31.2 | -1.3 |
| DZM | Mont Dzumac | 17.87 146 | | P | | 22 52 33.4 | +0.7 |
| EIDS | Eidsvold | 18.49 194 | | P | | 22 52 40.7 | +0.7 |
| MSVF | Nonsout | 24.00 111 | | LR | | 23 03 01.9 | |
| WRAB | Tennant Creek | 24.29 237 | | P | | 22 53 40.5 | +0.2 |
| WRAB | Tennant Creek | 24.29 237 | | IAMB | | 22 53 53.6 | |
| WB2 | Warramunga Arr | 24.29 237 | | P | | 22 53 40.5 | +0.2 |
| WB2 | Warramunga Arr | 24.29 237 | | IAMB | | 22 53 53.7 | |
| WRA | Warramunga Arr | 24.30 237 | | P | | 22 53 39.4 | -1.1 |
| SAUI | Saui | 24.31 267 | | P | | 22 54 03.1 | |
| MTN | Manton Dam | 24.91 255 | | P | | 22 53 46.3 | +0.4 |
| MTN | Manton Dam | 24.91 255 | | IAMB | | 22 54 03.1 | |
| SIJI | Sorong | 25.31 284 | | P | | 22 53 51.1 | +1.5 |
| AS31 | Alice Springs | 26.57 230 | | P | | 22 54 00.2 | -0.8 |
| ASAR | Alice Springs | 26.57 230 | | P | | 22 54 00.6 | -0.4 |
| ASAR | Alice Springs | 26.57 230 | | LR | | 23 03 38.0 | |
| STKA | Stephens Creek | 27.78 207 | | P | | 22 54 11.8 | +0.1 |
| STKA | Stephens Creek | 27.78 207 | | LR | | 23 05 11.9 | |
| STKA | Stephens Creek | 27.78 207 | | P | | 22 54 10.5 | -1.2 |
| H1S3 | WAKE ISLAND Hy | 27.82 23 | | T | | 23 22 36.2 | |
| H1S2 | WAKE ISLAND Hy | 27.83 23 | | T | | 23 22 36.4 | |
| H1S1 | WAKE ISLAND Hy | 27.84 23 | | T | | 23 22 40.1 | |
| H1N1 | WAKE ISLAND Hy | 29.01 21 | | T | | 23 24 05.4 | |
| H1N3 | WAKE ISLAND Hy | 29.02 22 | | T | | 23 24 10.3 | |
| H1N2 | WAKE ISLAND Hy | 29.03 22 | | T | | 23 24 08.8 | |
| SANI | Sanana | 30.19 279 | | P | | 22 54 51.9 | +1.9 |
| FITZ | Fitzroy Crossi | 31.27 247 | | P | | 22 54 42.5 | -0.3 |
| FITZ | Fitzroy Crossi | 31.27 247 | | P | | 22 54 41.4 | -1.3 |
| MMRI | Maumere | 33.28 265 | | P | | 22 55 13.6 | +1.3 |
| MMRI | Maumere | 33.28 265 | | P | | 22 55 00.3 | -0.2 |
| EDFI | Ende, Flores | 33.82 265 | | P | | 22 55 04.3 | -1.0 |
| APSI | Ampana | 34.66 279 | | P | | 22 55 22.0 | +1.0 |
| BKSI | Bulukumba | 35.53 271 | | P | | 22 55 22.7 | +1.3 |
| BNSI | Bone | 35.64 273 | | P | | 22 55 22.6 | +1.7 |
| KAPI | Kappang | 35.93 272 | | P | | 22 55 23.7 | +0.3 |
| MPSI | Mapaga | 36.63 280 | | P | | 22 55 30.9 | +1.5 |
| PLAI | Plampang | 37.69 265 | | P | | 22 55 45.3 | +7.0 |
| LTI | Lake Taylor | 38.16 160 | | P | | 22 55 44.0 | +2.0 |
| LTI | Lake Taylor | 38.16 160 | | IAMB | | 22 55 50.9 | |
| RPZ | Rata Peaks | 38.61 162 | | P | | 22 55 45.1 | -0.6 |
| JGF | Kuroka | 46.12 339 | | P | | 22 56 47.9 | +1.0 |
| MJAR | Matsushiro Arr | 46.68 340 | | P | | 22 56 49.9 | -1.3 |
| MJAR | Matsushiro Arr | 46.68 340 | | P | | 22 56 50.1 | -1.1 |
| MAT | Matsushiro | 46.68 340 | | P | | 22 56 50.9 | -0.3 |
| KSR5 | Korea Array | 51.63 332 | | P | | 22 57 29.4 | +0.4 |
| KSAR | Wonju Array Be | 51.64 332 | | P | | 22 57 26.7 | -2.4 |
| NJ2 | Nanjing | 52.71 320 | | P | | 22 57 38.3 | +1.2 |
| NJ2 | Nanjing | 52.71 320 | | Pmax | | 22 57 58.2 | 0.0 |
| USRK | Ussurisk Arr | 55.65 339 | | P | | 22 58 57.0 | 0.0 |
| GYA | Guiyang | 58.32 307 | | P | | 22 58 18.3 | +0.6 |
| GLA | Gyala | 60.15 342 | | P | | 22 58 31.4 | +1.6 |
| XAN | Xi'an | 60.53 316 | | P | | 22 58 32.1 | -0.7 |
| XAN | Xi'an | 60.53 316 | | sP | | 22 59 15.6 | -1.4 |
| XAN | Xi'an | 60.53 316 | | Pmax | | 22 58 36.1 | +1.0 |
| KMI | Kunming | 60.89 304 | | P | | 22 58 54.1 | -0.7 |
| KMI | Kunming | 60.89 304 | | sP | | 22 59 02.8 | +1.4 |
| KMI | Kunming | 60.89 304 | | Pmax | | 22 58 54.1 | -0.7 |
| KMI | Kunming | 60.89 304 | | Pmax | | 22 58 54.1 | -0.7 |
| KMI | Kunming | 60.89 304 | | LR | | 22 58 54.1 | -0.7 |
| KMI | Kunming | 60.89 304 | | LR | | 22 58 54.1 | -0.7 |
| KMI | Kunming | 60.89 304 | | LR | | 22 58 54.1 | -0.7 |
| CM31 | Chiang Mai Arr | 61.68 295 | | P | | 22 58 42.4 | +1.6 |
| CM31 | Chiang Mai Arr | 61.68 295 | | IAMB | | 22 58 43.4 | |
| CMAR | Chiang Mai Arr | 61.68 295 | | P | | 22 58 41.4 | +0.6 |
| CMAR | Chiang Mai Arr | 61.68 295 | | P | | 22 58 41.8 | +1.1 |
| CHTO | Chiang Mai | 61.79 296 | | P | | 22 58 41.3 | -0.2 |
| CHTO | Chiang Mai | 61.79 296 | | IAMB | | 22 58 43.5 | |
| HHC | Hu-ho-hao-te | 62.86 323 | | eP | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | Pmax | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | Pmax | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | LR | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | LR | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | LR | | 22 58 49.1 | +0.7 |
| HHC | Hu-ho-hao-te | 62.86 323 | | LR | | 22 58 49.1 | +0.7 |
| LZH | Lanzhou | 65.14 315 | | eP | | 22 59 04.5 | +0.9 |
| LZH | Lanzhou | 65.14 315 | | sP | | 22 59 21.4 | -1.5 |
| LZH | Lanzhou | 65.14 315 | | P | | 22 59 27.8 | -8.1 |

| Code | Station Name | Δ° | AZ° | Phase ID | ISC | Time | Res |
|------|-----------------|-----------|-----|----------|-----|------------|------|
| | | | | | | h m s | ISC |
| LZH | Lanzhou | 65.14 315 | | Pmax | | 22 59 04.5 | +0.9 |
| GTA | Gaotai | 69.56 317 | | eP | | 22 59 32.5 | +1.1 |
| GTA | Gaotai | 69.56 317 | | sP | | 22 59 49.3 | -1.5 |
| GTA | Gaotai | 69.56 317 | | P | | 22 59 56.0 | +1.8 |
| GTA | Gaotai | 69.56 317 | | Pmax | | 22 59 32.5 | +1.1 |
| GTA | Gaotai | 69.56 317 | | Pmax | | 22 59 32.5 | +1.1 |
| GTA | Gaotai | 69.56 317 | | LR | | 22 59 32.5 | +1.1 |
| GTA | Gaotai | 69.56 317 | | LR | | 22 59 32.5 | +1.1 |
| GTA | Gaotai | 69.56 317 | | LR | | 22 59 32.5 | +1.1 |
| ULN | Ulanbator | 69.74 327 | | P | | 22 59 32.4 | 0.0 |
| ULN | Ulanbator | 69.74 327 | | IAMB | | 22 59 34.5 | |
| SONM | Songino Array | 70.08 327 | | P | | 22 59 35.5 | +1.1 |
| SONM | Songino Array | 70.08 327 | | P | | 22 59 34.0 | -0.3 |
| SHL | Shilong | 70.18 300 | | IAMB | | 22 59 35.4 | -0.2 |
| SHL | Shilong | 70.18 300 | | IAMB | | 22 59 36.6 | |
| LSA | Lhasa | 72.15 304 | | P | | 22 59 48.5 | +0.7 |
| LSA | Lhasa | 72.15 304 | | IAMB | | 22 59 51.1 | |
| TAPN | Tapejlung | 74.29 301 | | eP | | 23 00 00.0 | -0.2 |
| ODAN | Odare | 74.42 300 | | eP | | 23 00 01.1 | +0.2 |
| RAMM | Ramite | 75.12 300 | | P | | 23 00 05.1 | +0.1 |
| BILL | Bilibino | 75.70 47 | | P | | 23 00 05.7 | -0.7 |
| BILL | Bilibino | 75.70 47 | | IAMB | | 23 00 24.3 | |
| GUN | Gumba | 76.00 301 | | P | | 23 00 10.0 | -0.2 |
| PKI | Puchoki | 76.31 301 | | eP | | 23 00 11.6 | -0.3 |
| PKIN | Phulchoki | 76.32 301 | | eP | | 23 00 11.6 | -0.3 |
| KKK | Kakani | 76.48 301 | | eP | | 23 00 13.1 | +0.4 |
| DMN | Daman | 76.58 301 | | eP | | 23 00 13.6 | +0.3 |
| DANN | Dangxing | 77.92 301 | | eP | | 23 00 20.3 | -0.6 |
| TTA | Tatalina | 79.06 20 | | P | | 23 00 27.1 | +0.9 |
| WMQ | Urumqi | 79.64 317 | | P | | 23 00 30.9 | +1.2 |
| WMQ | Urumqi | 79.64 317 | | sP | | 23 00 43.8 | -0.1 |
| WMQ | Urumqi | 79.64 317 | | Pmax | | 23 00 43.8 | -0.1 |
| WMQ | Urumqi | 79.64 317 | | Pmax | | 23 00 43.8 | -0.1 |
| WMQ | Urumqi | 79.64 317 | | Pmax | | 23 00 43.8 | -0.1 |
| WMQ | Urumqi | 79.64 317 | | Pmax | | 23 00 43.8 | -0.1 |
| WMQ | Urumqi | 79.64 317 | | Pmax | | 23 00 43.8 | -0.1 |
| RDOG | Red Dog Mine | 80.65 15 | | P | | 23 00 35.0 | +0.5 |
| RDOG | Red Dog Mine | 80.65 15 | | IAMB | | 23 00 52.7 | |
| TRF | Thorofare Mtn | 81.42 22 | | P | | 23 00 38.4 | -0.5 |
| IMAR | Indian Moutai | 81.79 19 | | P | | 23 00 39.3 | -1.3 |
| QSPA | South Pole Qui | 82.63 180 | | P | | 23 00 44.1 | -1.1 |
| QSPA | South Pole Qui | 82.63 180 | | P | | 23 00 44.8 | -0.5 |
| QSPA | South Pole Qui | 82.63 180 | | IAMB | | 23 00 53.2 | |
| ZSN | Zaisan | 82.74 320 | | eP | | 23 00 45.5 | -0.5 |
| WRH | Wood River Hill | 82.80 21 | | P | | 23 00 46.6 | +0.7 |
| ILAR | Eielson Array | 83.40 21 | | P | | 23 00 47.4 | -1.6 |
| ILAR | Eielson Array | 83.40 21 | | P | | 23 00 49.5 | +0.5 |
| ILAR | Eielson Array | 83.40 21 | | P | | 23 00 51.8 | +1.5 |
| BARN | Barnard Glacier | 83.59 26 | | IAMB | | 23 01 11.2 | |
| MK31 | Makanchi Array | 84.21 319 | | P | | 23 00 54.4 | +0.8 |
| MKAR | Makanchi | | | | | | |

Table with columns: LKP, GTK, comp, station name, time, res, and various codes. Includes stations like Lekhapani, Tadong, and various Bougainville Island region stations.

Table with columns: Code, Station Name, and other details. Includes stations like Warramunga Arr, H1S3, and H1S2.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various codes. Includes stations like H1N2, SOMM, MKAR, ZALV, and many Bougainville Island region stations.

Table with columns: C36M, BRTR, YKA, INK, A21K, ILAR, ILAR, IMAR, ZALV, KKAR, TORO, TORO, PD31, PDAR, PDAR, P17A, TXAR, and various other stations with their respective codes and times.

Table with columns: ID, Name, Time, Az, Phase, ID, Time, Res. Includes entries for Juan Fernandez, Great Sitkin, and various island codes.

Code Station Name Az AZ' Phase ID h m s ISC Time Res

Main table of station data for the 2014 DEC period, listing station names, coordinates, and observation times.

Table of station data for the 2014 DEC period, continuing from the previous table with various station codes and coordinates.

MEX 20:01:06:02.0-9.15:39N:93:59W, h88km, gkm, MD4.2, Near coast of Chiapas.

Table of station data for the MEX 20:01:06:02.0-9.15:39N:93:59W area, listing station names and coordinates.

IDC 23:00:22:56.5:0.1, 21.94S:68:56W, h0km, mb3.5/1, mb1 3.5/2, mb1mx3/2.7, mbtm3.3/4.2, ML3.3/1, Error ellipse: s-maj=164.4km s-min=57.0km az=74.0

Table of station data for the IDC 23:00:22:56.5:0.1 area, listing station names and coordinates.

Table of station data for the 23d Oh period, listing station names, coordinates, and observation times.

23d 1h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RUBR, LON, G08A, NVAR, etc.

IDC 23 00:43:49.9,3.5,41:80N,46:21E,h0km,mb3.7/3, mb1.3/7.5,mb1mx3.4/28,mbtmp3.6/5,ML3.3/2, Error ellipse: s-maj=82.4km s-min=14.2km az=22.0

Main table for 23d 1h, listing stations from LGD to GROC with their respective codes, names, and coordinates.

2010 DEC

Main table for 2010 DEC, listing stations from GROC to GEYT with their respective codes, names, and coordinates.

1106

Table for 1106, listing stations like BELG, ARU, BRVK, FINES, MKR1, MKAR, ZALV with their codes and coordinates.

MDD 23 00:59:32.4,3.1,32:81N,15:26W,h0km,mbLg2.8/2, Error ellipse: s-maj=32.0km s-min=12.8km az=43.0,PRXIMO SIN SLO/LUCIN

INMG 23 00:59:33.6,1.9,33:33N,15:02W,h10km,ML2.3, Error ellipse: s-maj=28.4km s-min=5.9km az=148.0

ISC 23 00:59:21.0,1.2,33:16N,10:09W,14.73W,0.06,h10km,n16, z=208/21, Madeira Islands region

Table for 1106, listing stations from Code to PMRV with their codes, names, and coordinates.

IDC 23 01:16:32.5,1.4,17:99S,69:35W,h130km,11km,mb3.5/6, mb1.3/6.9,mb1mx3.4/44,mbtmp3.9/9,MS2.5/1,Ms1.2/5.1, ms1mx2.0/19, Error ellipse: s-maj=25.0km s-min=10.6km az=99.0

GUC 23 01:16:33.6,0.8,17:94S,69:49W,h127km,4km,ML3.4 VAO 23 01:16:37.2,1.1,17:82S,69:12W,h145km,6km,mb3.8

ISC 23 01:16:32.8-0.7,17:99S,69:48W,0.07,h136km,6km, n40, z=1946/52,mb3.8/5,1C-5D,Peru-Bolivia border

Main table for 1106, listing stations from Code to MKAR with their codes, names, and coordinates.

BUI 23 02:14:16.6:0.0,56:15N:114:00E,h5km,mb4.8/32,mb4.4/40,Ms4.7/31,Ms7.4.3/29
 IDC 23 02:14:17.3:0.5,56:00N:114:02E,h0km,mb4.3/25,mb1.4.5/28,mb1mx4.4/48,mbtmp4.3/28,ML4.1/2,MS3.8/20,Ms1.3.8/20,ms1mx3.6/39,Error ellipse: s-maj=13.8km s-min=10.9km az=4.0
 MOS 23 02:14:17.0:0.9,56:03N:113:95E,h7km,mb4.8/57,MS4.2/4,Error ellipse: s-maj=6.1km s-min=4.7km az=80.4
 MOS Felt (III-IV) at Severomouisk.
 BYKL 23 02:14:18.1:0.1,56:05N:113:88E,h8km,2km, Mw4.5/12(IEC) #S#T#I#C#S#A#U#BRV#ERM#INC#N#KUR#LSA#LVZ#MAJO#PET#QIZ#SSE#XAN#FELT#I=III-IV#MSK#at Severomouisk
 NEIC 23 02:14:20.4:1.1,56:10N:0:07:114:0E:0:1,h18km,4km,mb4.7/133,Error ellipse: s-maj=12.1km s-min=10.0km az=120.0
 ISC 23 02:14:19.3:0.3,56:13N:0:02:113:89E:0:02,h10km,n467,az191/523,mb4.7/136,MS3.8/23,21C-21D,East of Lake Baykal

| Code | Station Name | Δ° | AZ° | Phase | ID | ISC | Time | Res |
|------|-------------------|------|-----|-------|------|------|------------|------|
| SVKR | Severomouisk | 0.19 | 265 | PG | Pg | | 02 14 21.9 | -1.4 |
| SVKR | 65μm,0.2s | | | eSg | Sg | | 02 14 25.3 | -0.7 |
| SVKR | 203μm,0.5s | | | eSg | Smax | | 02 14 28.0 | |
| SVKR | Severomouisk | 0.19 | 265 | PG | Pg | | 02 14 21.9 | -1.4 |
| SVKR | Uakit | 0.66 | 193 | PG | Pg | | 02 14 24.8 | -1.2 |
| UKT | Uakit | 0.66 | 193 | PG | Pmax | | 02 14 28.4 | -3.7 |
| UKT | 2μm,0.3s | | | eSg | Sg | | 02 14 28.9 | |
| UKT | 12μm,0.8s | | | eSg | Smax | | 02 14 36.4 | -4.4 |
| UKT | Uakit | 0.66 | 193 | PG | Pg | | 02 14 28.4 | -3.7 |
| UKT | Uakit | | | e | pmax | pmax | 02 14 36.4 | |
| UKT | comp=Z,2μm,0.3s | | | | | | | |
| UKT | comp=N,12μm,0.4s | | | | | | | |
| NLYR | Nelyaty | 1.07 | 70 | PG | Pg | | 02 14 38.3 | -1.5 |
| NLYR | NLYR | | | ePb | Pb | | 02 14 40.4 | +0.5 |
| NLYR | comp=N,4μm,0.7s | | | e | pmax | | 02 14 40.9 | |
| NLYR | NLYR | | | eSg | Sg | | 02 14 53.4 | -0.4 |
| NLYR | NLYR | | | eSb | Sb | | 02 14 57.2 | +1.9 |
| NLYR | NLYR | | | e | pmax | | 02 15 03.8 | |
| NLYR | comp=N,21μm,1.1s | | | | | | | |
| NLYR | Nelyaty | 1.07 | 70 | ePG | Pg | | 02 14 37.9 | -1.9 |
| NLYR | comp=N,4μm,0.7s | | | e | pmax | | 02 14 51.0 | |
| NLYR | comp=N,18μm,0.7s | | | | | | | |
| YOA | Uoyan | 1.21 | 271 | PG | Pn | | 02 14 40.1 | -2.2 |
| YOA | YOA | | | ePb | Pb | | 02 14 41.8 | -0.5 |
| YOA | YOA | | | eSg | Sb | | 02 14 46.2 | -1.3 |
| YOA | YOA | | | e | pmax | | 02 15 01.2 | |
| YOA | comp=N,46μm,0.7s | | | | | | 02 15 02.3 | |
| YOA | Uoyan | 1.21 | 271 | PG | Pn | | 02 14 40.1 | -2.2 |
| YOA | YOA | | | e | pmax | pmax | 02 14 56.8 | |
| YOA | comp=Z,12μm,0.2s | | | | | | | |
| YOA | comp=N,9μm,0.5s | | | | | | | |
| KMO | Kumora | 1.53 | 262 | PG | Pb | | 02 14 45.3 | -1.4 |
| KMO | KMO | | | ePb | Pb | | 02 14 46.4 | -1.3 |
| KMO | KMO | | | e | pmax | | 02 14 46.9 | |
| KMO | comp=N,17μm,0.5s | | | | | | | |
| KMO | KMO | | | eSg | Sb | | 02 15 06.0 | -0.6 |
| KMO | KMO | | | e | pmax | | 02 15 08.4 | |
| KMO | KMO | | | e | pmax | | 02 15 09.6 | |
| KMO | comp=N,36μm,1.1s | | | | | | | |
| KMO | Kumora | 1.53 | 262 | ePG | Pn | | 02 14 45.1 | -1.6 |
| KMO | KMO | | | e | pmax | pmax | 02 15 05.0 | |
| KMO | comp=Z,16μm,0.4s | | | | | | | |
| KMO | KMO | | | | | | | |
| BOD | Bodaibo | 1.69 | 2 | PG | Pn | | 02 14 49.5 | +0.6 |
| BOD | BOD | | | PG | Pb | | 02 14 49.5 | +0.6 |
| BOD | BOD | | | e | pmax | | 02 14 50.4 | |
| BOD | comp=N,2μm,1.0s | | | | | | | |
| BOD | BOD | | | e | Sb | | 02 14 52.4 | |
| BOD | BOD | | | eSg | Sg | | 02 15 12.9 | +1.1 |
| BOD | BOD | | | eSg | Smax | | 02 15 13.8 | +0.2 |
| BOD | BOD | | | e | pmax | | 02 15 15.2 | |
| BOD | comp=N,17μm,1.3s | | | | | | | |
| BOD | Bodaibo | 1.69 | 2 | ePN | Pn | | 02 14 49.4 | +0.6 |
| BOD | BOD | | | e | pmax | pmax | 02 15 12.7 | |
| BOD | comp=Z,2μm,0.3s | | | | | | | |
| BOD | BOD | | | | | | | |
| YLVR | Ulyunkhan | 2.00 | 232 | ePG | Pn | | 02 14 52.6 | -0.6 |
| YLVR | YLVR | | | e | pmax | | 02 14 52.9 | |
| YLVR | YLVR | | | eSg | Sb | | 02 15 19.1 | +0.9 |
| YLVR | YLVR | | | eSg | Smax | | 02 15 21.8 | |
| YLVR | YLVR | | | e | pmax | | 02 15 21.8 | |
| YLVR | YLVR | | | e | pmax | | 02 15 17.6 | |
| YLVR | YLVR | | | e | pmax | pmax | 02 15 17.6 | |
| YLVR | YLVR | | | e | pmax | pmax | 02 15 17.6 | |
| NIZ | Nizh Angarsk | 2.47 | 263 | PG | Pn | | 02 14 59.3 | -0.3 |
| NIZ | NIZ | | | ePG | Pb | | 02 15 02.2 | -1.6 |
| NIZ | NIZ | | | e | pmax | | 02 15 04.5 | |
| NIZ | NIZ | | | e | pmax | | 02 15 04.7 | |
| NIZ | NIZ | | | eSg | Sb | | 02 15 29.5 | -0.3 |
| NIZ | NIZ | | | eSg | Sb | | 02 15 35.4 | +1.2 |
| NIZ | NIZ | | | eSmax | | | 02 15 36.3 | |
| CRS | Chara | 2.54 | 71 | PG | Pn | | 02 15 00.9 | +0.3 |
| CRS | CRS | | | PG | Pb | | 02 15 05.1 | +0.1 |
| CRS | CRS | | | eSg | Sb | | 02 15 31.9 | +0.2 |
| CRS | CRS | | | eSg | Sb | | 02 15 38.7 | +2.3 |
| CRS | CRS | | | eSmax | | | 02 15 41.1 | |
| CRS | Chara | 2.54 | 71 | ePN | Pb | | 02 15 05.1 | +0.1 |
| CRS | CRS | | | e | pmax | pmax | 02 15 38.5 | |
| CRS | comp=Z,5μm,0.2s | | | | | | | |
| CRS | comp=N,14μm,1.2s | | | | | | | |
| SYVR | Suvo | 3.35 | 224 | ePN | Pb | | 02 15 10.4 | -1.2 |
| SYVR | SYVR | | | ePG | Pn | | 02 15 16.2 | -2.5 |
| SYVR | SYVR | | | e | pmax | | 02 15 20.4 | |
| SYVR | SYVR | | | e | pmax | | 02 15 21.4 | |
| SYVR | comp=N,842nm,1.1s | | | | | | | |
| SYVR | SYVR | | | eSg | Sb | | 02 15 47.9 | -3.5 |
| SYVR | SYVR | | | eSg | Sb | | 02 15 59.8 | +0.4 |
| SYVR | SYVR | | | e | pmax | | 02 16 08.8 | |
| SYVR | SYVR | | | e | pmax | | 02 16 09.2 | |
| VTMR | Vitim | 3.39 | 348 | ePN | Pn | | 02 15 12.6 | +0.4 |
| VTMR | VTMR | | | ePG | Pb | | 02 15 20.4 | +1.0 |
| VTMR | VTMR | | | eSg | Sb | | 02 15 52.4 | -0.1 |
| VTMR | VTMR | | | eSg | Sb | | 02 16 04.5 | +3.8 |
| VTMR | VTMR | | | eSg | Sb | | 02 15 13.9 | +0.6 |
| VTMR | VTMR | | | eSg | Sb | | 02 15 21.1 | +0.4 |
| VTMR | VTMR | | | eSg | Sb | | 02 15 55.0 | +0.7 |
| VTMR | VTMR | | | eSg | Sb | | 02 16 06.4 | +3.6 |
| TUP | Tupik | 3.87 | 114 | PG | Pn | | 02 15 17.7 | -1.1 |
| TUP | TUP | | | PG | Pb | | 02 15 20.4 | |
| TUP | TUP | | | ePG | Pb | | 02 15 26.0 | -1.5 |
| TUP | TUP | | | e | pmax | | 02 15 30.0 | |
| TUP | comp=N,821nm,0.7s | | | | | | | |
| TUP | TUP | | | eSg | Sb | | 02 16 01.6 | -2.6 |
| TUP | TUP | | | eSg | Sb | | 02 16 16.8 | +2.5 |

| TUP | TUP | comp=N,7μm,1.0s | 3.87 | 114 | ePN | Pn | 02 15 17.7 | -1.1 |
|------|-------------------|-----------------|------|-------|------|------|------------|------|
| TUP | TUP | | | eSg | Sb | | 02 15 22.2 | -2.0 |
| TUP | TUP | | | e | pmax | | 02 16 16.3 | |
| TUP | comp=Z,821nm,0.6s | | | | | | | |
| TUP | comp=E,7μm,1.0s | | | | | | | |
| CIT | Chita | 4.12 | 183 | ePN | Pn | | 02 15 20.4 | -1.9 |
| CIT | CIT | | | ePG | Pb | | 02 15 30.3 | -1.6 |
| CIT | CIT | | | e | pmax | | 02 15 33.7 | |
| CIT | comp=E,645nm,0.9s | | | | | | | |
| CIT | CIT | | | e | Sb | | 02 15 38.1 | |
| CIT | CIT | | | eSg | Smax | | 02 16 25.5 | +0.7 |
| CIT | CIT | | | e | pmax | | 02 16 34.5 | |
| CIT | Chita | 4.12 | 183 | ePN | Pn | | 02 15 19.9 | -2.4 |
| CIT | CIT | | | eS | Sb | | 02 15 30.1 | |
| CIT | CIT | | | e | pmax | | 02 16 06.1 | -4.5 |
| CIT | CIT | | | e | pmax | pmax | 02 16 22.3 | |
| CIT | comp=Z,639nm,1.1s | | | | | | | |
| CIT | comp=E,4μm,1.4s | | | | | | | |
| MXMB | Maximikha | 4.14 | 228 | ePN | Pn | | 02 15 21.8 | -0.8 |
| MXMB | MXMB | | | ePG | Pb | | 02 15 31.2 | -1.1 |
| MXMB | MXMB | | | eSg | Sb | | 02 16 07.9 | -3.6 |
| MXMB | MXMB | | | eSg | Sb | | 02 16 24.8 | +2.5 |
| YKLR | Yuktali | 4.34 | 81 | ePN | Pn | | 02 15 25.2 | -0.1 |
| YKLR | YKLR | | | ePG | Pb | | 02 15 36.2 | +0.6 |
| YKLR | YKLR | | | eSg | Sb | | 02 16 32.8 | +4.8 |
| YKLR | YKLR | | | ePN | Pn | | 02 15 26.0 | -0.2 |
| OGRR | Ongureny | 4.41 | 238 | ePN | Pn | | 02 15 30.6 | |
| OGRR | OGRR | | | ePG | Pb | | 02 15 36.5 | -0.2 |
| OGRR | OGRR | | | e | pmax | | 02 15 41.0 | |
| OGRR | OGRR | | | e | pmax | | 02 15 43.1 | |
| OGRR | comp=E,537nm,1.0s | | | | | | | |
| OGRR | OGRR | | | eSg | Sb | | 02 16 12.8 | -4.7 |
| OGRR | OGRR | | | eSg | Sb | | 02 16 33.2 | +3.3 |
| OGRR | OGRR | | | eSmax | | | 02 16 46.2 | |
| OGRR | comp=E,2μm,1.3s | | | | | | | |
| OGRR | OGRR | | | ePN | Pn | | 02 15 26.3 | +0.1 |
| OGRR | OGRR | | | e | pmax | | 02 15 37.6 | |
| OGRR | OGRR | | | e | pmax | pmax | 02 16 00.7 | |
| OGRR | OGRR | | | e | pmax | pmax | 02 16 03.1 | |
| OGRR | comp=Z,538nm,0.9s | | | | | | | |
| ZRHB | Zarechye | 5.33 | 231 | ePN | Pn | | 02 15 38.4 | -0.4 |
| ZRHB | ZRHB | | | ePG | Pb | | 02 15 52.9 | +0.5 |
| ZRHB | ZRHB | | | e | pmax | | 02 15 56.2 | |
| ZRHB | ZRHB | | | eSg | Sb | | 02 16 35.8 | -4.4 |
| ZRHB | ZRHB | | | eSg | Sb | | 02 17 01.2 | +4.8 |
| ZRHB | ZRHB | | | eSmax | | | 02 17 12.1 | |
| TRG | Tyrgan | 5.55 | 236 | ePN | Pn | | 02 15 41.3 | -0.6 |
| TRG | TRG | | | ePG | Pb | | 02 15 55.4 | -0.8 |
| TRG | TRG | | | e | pmax | | 02 16 00.7 | |
| TRG | TRG | | | e | pmax | | 02 16 02.4 | |
| TRG | comp=E,209nm,1.1s | | | | | | | |
| TRG | TRG | | | eSg | Sb | | 02 16 41.9 | -3.8 |
| TRG | TRG | | | eSg | Sb | | 02 17 06.6 | +3.9 |
| TRG | TRG | | | e | pmax | | 02 17 24.0 | |
| TRG | comp=E,1μm,1.5s | | | | | | | |
| TRG | Tyrgan | 5.55 | 236 | ePN | Pn | | 02 15 41.0 | -0.9 |
| TRG | TRG | | | eS | Sb | | 02 15 56.5 | |
| TRG | TRG | | | eS | Sb | | 02 16 42.3 | -3.4 |
| TRG | TRG | | | e | pmax | pmax | 02 17 05.5 | |
| TRG | comp=Z,197nm,0.9s | | | | | | | |
| TRG | comp=E,1μm,1.1s | | | | | | | |
| UUDB | Ulan-Yde | 5.63 | 223 | ePN | Pn | | 02 15 42.2 | -0.8 |
| UUDB | UUDB | | | ePG | Pb | | 02 15 58.9 | +1.3 |
| UUDB | UUDB | | | e | pmax | | 02 16 04.2 | |
| UUDB | UUDB | | | e | pmax | | 02 16 09.1 | |
| UUDB | comp=E,294nm,0.8s | | | | | | | |
| UUDB | UUDB | | | eSg | Sb | | 02 16 44.8 | -3.0 |
| UUDB | UUDB | | | eSg | Sb | | 02 17 11.0 | +5.8 |
| UUDB | UUDB | | | eSmax | | | 02 17 21.6 | |
| FFNB | Fotonovo | 5.86 | 229 | ePN | Pn | | 02 15 45.4 | -0.7 |
| FFNB | FFNB | | | ePG | Pb | | 02 16 02.3 | +0.9 |
| FFNB | FFNB | | | eSg | Sb | | 02 16 49.3 | -4.0 |
| FFNB | FFNB | | | eSg | Sb | | | |

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like DGZ Jazzator, MSHR Mys Shultsa, NRIK Noril'sk, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like SATY Saty, SATY Saty, CD2 Chengdu, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CCB Clear Creek Bu, WRH Wood River Hill, WCK McKinley, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Mina Concepcio, Placencia, Sospel, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Observatorio P La Plagne, Lago do Serru, Sao Teotonio, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Zouplian, La Foliniere, Wata, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like Krupnik, Vyhne, Serrai, Buzias, Vitosha, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like TOAO, TORD, AKASG, IIGN, HFS, ISAL, etc.

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like HATD, UOSS, UMZA, SOHO, ARQ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like H59A Cadyville, I60A Shoreham, TRQ Mont Tremblant, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like LBTB Lobatse, LBTB Lobatse, S54A Dingsess, Beckl, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like ULN Ulaanbaatar, ULN Ulaanbaatar, ULN Ulaanbaatar, etc.

23d 8h

Table with columns: WHY, comp=, I/Amb, I/Amb, 08 12 19.9, etc. Lists various stations and their frequencies.

2014 DEC

Table with columns: HVU, JLU, PV03, etc. Lists various stations and their frequencies.

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Table with columns: WRA, ASAR, STKA, etc. Lists various stations and their frequencies.

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res | ISC |
|------|---------------|------|-----|----------|------|-----------------|-----|
| KDJ | | | | | | | |
| TNSS | Tian-Shan | 2.64 | 59 | eP | Pb | 08 01 43.6 +1.4 | |
| TNSS | Tian-Shan | | | eS | Sg | 08 01 18.6 +1.3 | |
| TNSS | Tian-Shan | 2.64 | 59 | Pg | Pg | 08 01 53.9 -0.4 | |
| TNSS | Tian-Shan | | | eS | Sg | 08 01 19.3 -0.8 | |
| TNSS | Medeo | 2.77 | 58 | eP | Pb | 08 01 20.9 +1.5 | |
| MDOK | Medeo | | | eS | Sg | 08 01 57.8 -0.5 | |
| MDOK | Medeo | 2.77 | 58 | Pg | Pb | 08 01 20.4 +1.0 | |
| MDOK | Medeo | | | eS | Sg | 08 01 56.7 | |
| MDOK | Medeo | 2.77 | 58 | Pg | Pg | 08 01 21.3 -1.1 | |
| MDOK | Medeo | | | eS | Sg | 08 01 58.6 | |
| KK31 | Kararay Array | 2.82 | 30 | Pg | Pb | 08 01 21.1 +0.9 | |
| KK31 | Kararay | 2.83 | 40 | eP | Pb | 08 01 21.8 +1.4 | |
| KUU | Kury | | | eS | Sg | 08 01 59.5 -0.9 | |
| KUU | Kury | 2.83 | 40 | Pg | Pb | 08 01 21.6 +1.2 | |
| KUU | Kury | | | eS | Sg | 08 01 59.1 | |
| KOTS | Kotrybulak | 2.84 | 57 | eP | Pb | 08 01 22.1 +1.4 | |
| KOTS | Kotrybulak | | | eS | Sg | 08 01 59.9 -0.8 | |
| KOTS | Kotrybulak | 2.84 | 57 | Pg | Pg | 08 01 22.6 -1.3 | |
| KOTS | Kotrybulak | | | eS | Sg | 08 02 00.9 | |
| IUG | Iuzhnyy | 2.88 | 280 | eP | Pb | 08 01 22.7 +1.5 | |
| IUG | Iuzhnyy | | | eS | Sg | 08 02 00.8 -0.9 | |
| IUG | Iuzhnyy | 2.88 | 280 | Pg | Pb | 08 01 23.1 +1.9 | |
| IUG | Iuzhnyy | | | eS | Sg | 08 02 01.8 | |
| KTBS | Karotobe | 2.88 | 46 | eP | Pb | 08 01 22.7 +1.5 | |
| KTBS | Karotobe | | | eS | Sg | 08 02 00.7 -1.1 | |
| KTBS | Karotobe | 2.88 | 46 | Pg | Pg | 08 01 22.9 +1.7 | |
| KTBS | Karotobe | | | eS | Sg | 08 02 01.3 | |
| CHKK | Chushkaly | 3.14 | 46 | eP | Pb | 08 01 27.1 +1.5 | |
| CHKK | Chushkaly | | | eS | Sg | 08 02 08.5 -1.6 | |
| CHKK | Chushkaly | 3.14 | 46 | Pg | Pb | 08 01 27.5 +1.9 | |
| CHKK | Chushkaly | | | eS | Sg | 08 02 09.4 | |
| BTLS | Baital | 3.31 | 2 | eP | Pb | 08 01 29.6 +1.1 | |
| BTLS | Baital | | | eS | Sg | 08 02 12.6 -3.1 | |
| BTLS | Baital | 3.31 | 2 | Pg | Pb | 08 01 30.1 +1.6 | |
| BTLS | Baital | | | eS | Sg | 08 02 14.2 | |
| SATY | Saty | 3.63 | 67 | eP | Pb | 08 01 36.9 -2.1 | |
| SATY | Saty | | | eS | Sg | 08 02 25.0 -0.9 | |
| SATY | Saty | 3.63 | 67 | Pg | Pg | 08 01 36.8 -2.1 | |
| SATY | Saty | | | eS | Sg | 08 02 25.1 | |
| ARXS | Arharly | 3.83 | 48 | eP | Pb | 08 01 39.3 +1.8 | |
| ARXS | Arharly | | | eS | Sg | 08 02 29.5 -2.9 | |
| ARXS | Arharly | 3.83 | 48 | Pg | Pb | 08 01 39.5 +2.0 | |
| ARXS | Arharly | | | eS | Sg | 08 02 30.3 | |
| KPKS | Kpkokpek | 3.97 | 63 | eP | Pb | 08 01 42.4 +2.5 | |
| KPKS | Kpkokpek | | | eS | Sg | 08 02 34.4 -2.5 | |
| UZB | Uzymbulak | 4.08 | 68 | eP | Pb | 08 01 42.8 +1.0 | |
| UZB | Uzymbulak | | | eS | Sb | 08 02 35.4 +3.9 | |
| UZB | Uzymbulak | 4.08 | 68 | Pg | Pg | 08 01 43.9 +2.1 | |
| UZB | Uzymbulak | | | eS | Sb | 08 02 37.2 | |
| MNBS | Baschi | 4.09 | 53 | eP | Pb | 08 01 44.2 +2.4 | |
| MNBS | Baschi | | | eS | Sg | 08 02 37.7 -2.9 | |
| MNBS | Baschi | 4.09 | 53 | Pg | Pb | 08 01 44.7 +2.9 | |
| MNBS | Baschi | | | eS | Sg | 08 02 38.6 | |
| PDGK | Podgornoye | 4.47 | 67 | Pg | Pg | 08 01 52.3 -2.6 | |
| PDGK | Podgornoye | | | eS | Sg | 08 02 51.3 | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res | ISC |
|------|----------------|------|-----|----------|------|-----------------|-----|
| JAH | Aomorihigashid | 0.34 | 246 | Op | ISC | 08 33 06.5 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 07.5 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 15.8 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.6 -0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 07.9 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.6 -0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 09.6 -0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.5 -0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 11.1 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 27.0 -0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 28.0 +0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 13.6 -0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 27.1 -1.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 14.9 -0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 15.2 -0.8 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 30.3 -1.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.6 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 32.4 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.0 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 32.8 +0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.9 +0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 33.3 +0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.5 -0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 33.9 -0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 19.8 +0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 19.3 -0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.5 +0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 39.4 +1.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.9 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 23.5 +0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 24.1 -0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 38.3 +0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 34 11.7 +1.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 34 16.5 +0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 35 39.3 +4.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 38 19.8 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 11 27.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 11 29.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 13.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 35.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 36.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 40 16.7 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 40 40.3 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 41 08.8 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 41 45.4 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 43 02.8 -1.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 43 26.9 -0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 44 03.7 -1.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 22.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 26.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 25.3 | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res | ISC |
|------|----------------|------|-----|----------|------|-----------------|-----|
| JAH | Aomorihigashid | 0.34 | 246 | Op | ISC | 08 33 06.5 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 07.5 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 15.8 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.6 -0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 07.9 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.6 -0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 09.6 -0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.5 -0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 11.1 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 27.0 -0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 28.0 +0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 13.6 -0.6 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 27.1 -1.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 14.9 -0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 15.2 -0.8 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 30.3 -1.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.6 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 32.4 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.0 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 32.8 +0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 16.9 +0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 33.3 +0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 17.5 -0.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 33.9 -0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 19.8 +0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 19.3 -0.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.5 +0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 39.4 +1.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 20.9 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 23.5 +0.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 24.1 -0.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 33 38.3 +0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 34 11.7 +1.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 34 16.5 +0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 35 39.3 +4.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 38 19.8 +0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 11 27.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 11 29.4 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 13.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 35.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 09 12 36.7 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 40 16.7 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 40 40.3 -0.2 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 41 08.8 0.0 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 41 45.4 +0.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 43 02.8 -1.3 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 43 26.9 -0.9 | |
| JAH | Aomorihigashid | | | Op | ISC | 08 44 03.7 -1.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 22.1 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 26.5 | |
| JAH | Aomorihigashid | | | Op | ISC | 11 37 25.3 | |

IDC 23 08:03:27.7 ± 1.6, 51.36N; 82.52E, h0km, mb1 2.0/3, mb1mx2.0/52, mbtmp2.0/3, ML1.7/3, Error ellipse: s-maj=19.0km s-min=13.7km az=120.0, NNC 23 08:03:33.7 ± 1.6, 51.13N; 82.34E, h0km, mb2.8, mpv

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TCF, PCAS, NRCA, SMF, AVF, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KRUC, SMOL, VRAC, BRG, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OBN, DBIC, KLMR, BELG, etc.

23d 10h

Table of station data for 23d 10h, including columns for station name, coordinates, and various parameters like pmax, pamb, and time.

2014 DEC

Main table of station data for 2014 DEC, listing stations like BW06, PDAR, and others with their respective coordinates and parameters.

1122

Table of station data for 1122, including stations like ILAR, YKA, and FINES, with detailed coordinate and parameter information.

| | | | | | | | | | | |
|-------|--------------------------------------------|-----------|------|-----------------|----------------------------------------------------------|---------------------------|----------|------|-----|-----------------|
| TPIG | Tehuacan | 3.51 296 | Pn | 10 01 59.5 +0.9 | TTG | Podgorica | 0.88 210 | ePg | Pg | 10 18 57.4 -1.6 |
| TPIG | | | Sn | 10 02 39.9 -0.8 | TTG | Podgorica | 0.88 210 | l/Pg | Pg | 10 18 57.6 -1.4 |
| TXIG | Tlaxiaco | 3.59 276 | eP | 10 02 00.6 +0.8 | TTG | | | | Sb | 10 19 11.3 +0.1 |
| TXIG | | | Sn | 10 02 42.6 +0.1 | DIVS | Divibare | 0.91 7 | ePg | Pn | 10 19 00.7 -0.3 |
| HLIG | Huajuapán de L. | 3.72 285 | eP | 10 02 02.4 +1.1 | DIVS | Divibare | 0.91 7 | ePg | Sn | 10 19 14.1 -0.1 |
| HLIG | | | Sn | 10 02 45.1 +0.3 | DIVS | Divibare | 0.91 7 | ePg | Sb | 10 19 13.2 -1.0 |
| PNIG | Pinotepa | 3.97 263 | iP | 10 02 03.5 -0.9 | DIVS | Selova | 0.93 88 | ePg | Pn | 10 18 59.9 -0.4 |
| PNIG | | | Sn | 10 02 43.3 -7.6 | DIVS | Selova | 0.93 88 | ePg | Sb | 10 19 07.7 -1.4 |
| PNIG | Pinotepa | 3.97 263 | iP | 10 02 03.5 -0.9 | SELS | Gruza | 0.94 42 | ePg | Pg | 10 19 00.7 +0.3 |
| PETF | Flores | 3.98 89 | Ph | 10 02 04.9 +0.3 | SELS | Gruza | 0.94 42 | ePg | Sb | 10 19 15.0 +0.2 |
| FTIG | Fresnillo de T | 4.04 285 | eP | 10 02 06.7 +1.2 | CEME | Cevo | 0.94 227 | l/Pg | Sn | 10 19 13.9 +1.3 |
| FTIG | | | Sn | 10 02 47.1 +0.5 | CEME | Cevo | 0.94 227 | l/Pg | Sb | 10 19 15.3 +0.5 |
| PPM | Pocopetpetl | 4.07 297 | iP | 10 02 19.4 +2.7 | GRUS | Bratogost | 1.00 253 | l/Pg | Pg | 10 19 00.8 -0.5 |
| PPM | | | Sn | 10 02 13.1 +0.1 | BRY | Bratogost | 1.00 253 | l/Pg | Pg | 10 19 16.6 +0.1 |
| CRIG | Cruz Grande | 4.89 269 | eP | 10 02 15.7 -0.8 | BRY | Bratogost | 1.00 253 | l/Pg | Pb | 10 19 00.8 -0.5 |
| CRIG | | | Sn | 10 03 11.5 -1.2 | BRY | Bratogost | 1.00 253 | l/Pg | Pb | 10 19 14.8 -0.1 |
| ESQI | Equiquil | 5.08 117 | Ph | 10 02 19.7 +0.5 | GRY | HAPS Han Pijesak,Bl | 1.10 324 | ePg | Pg | 10 19 02.6 -0.6 |
| MTQ3 | Montecristo | 5.15 119 | Ph | 10 02 20.4 +0.3 | HAPS | Han Pijesak,Bl | 1.10 324 | ePg | Pg | 10 19 12.7 +2.7 |
| YAIG | Yautepac | 5.17 293 | eP | 10 02 22.2 +1.9 | HAPS | Han Pijesak,Bl | 1.10 324 | l/Pg | Pg | 10 19 02.4 -0.8 |
| YAIG | | | Sn | 10 03 18.9 -0.7 | HAPS | Han Pijesak,Bl | 1.10 324 | l/Pg | Pg | 10 19 18.2 -0.8 |
| YAIG | Yautepac | 5.17 293 | eP | 10 02 22.2 +1.9 | TRUS | Trudelj | 1.10 21 | ePg | Sn | 10 19 04.2 +0.6 |
| YAIG | | | Sn | 10 02 25.3 +1.7 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 18.8 +0.7 |
| PLIG | Platanillo | 5.42 286 | eP | 10 02 25.6 +0.1 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 02.5 -1.0 |
| PLIG | | | Sn | 10 02 25.3 +1.7 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 18.8 +0.7 |
| PLIG | | | Sn | 10 02 25.6 +0.1 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 18.5 +0.4 |
| MEIG | Mezcala | 5.43 281 | eP | 10 02 25.1 +1.4 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 02.5 -1.0 |
| MEIG | | | Sn | 10 02 27.3 +1.6 | DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 18.5 +0.4 |
| MEIG | Mezcala | 5.43 281 | eP | 10 02 27.3 +1.6 | BUM | Brajici-Budva | 1.14 218 | l/Pg | Pg | 10 19 02.5 -1.0 |
| MEIG | | | Sn | 10 03 18.9 -0.7 | BUM | Brajici-Budva | 1.14 218 | l/Pg | Pg | 10 19 03.1 -1.1 |
| UNM | Universidad Na | 5.45 297 | Ph | 10 02 24.6 +0.4 | PUK | Puka | 1.15 178 | P | Pg | 10 19 18.2 -0.9 |
| MAVM | Malinalco, Edo | 5.58 292 | iP | 10 02 28.2 +2.4 | PUK | baz=177 | | S | Sg | |
| MAVM | | | Sn | 10 03 29.8 +0.3 | PUK | baz=177 | | S | AMP | |
| MAVM | Malinalco, Edo | 5.58 292 | iP | 10 02 28.2 +2.4 | TREB | Trebinje | 1.20 247 | ePg | Pn | 10 19 05.2 +0.4 |
| ARIG | Puente Sto Nin | 6.18 284 | iP | 10 02 35.6 +2.0 | TREB | Trebinje | 1.20 247 | ePg | Pn | 10 19 22.8 +1.6 |
| ARIG | | | Sn | 10 03 45.0 +1.6 | TREB | Trebinje | 1.20 247 | l/Pg | Pg | 10 19 05.0 +0.2 |
| ARIG | Puente Sto Nin | 6.18 284 | iP | 10 02 35.6 +2.0 | TRUS | Trudelj | 1.10 21 | ePg | Sn | 10 19 05.2 +0.2 |
| ARIG | | | Sn | 10 03 45.0 +1.6 | TRUS | Trudelj | 1.10 21 | ePg | Sb | 10 19 05.2 +0.2 |
| ATVM | ATLACOMULCO | 6.20 298 | iP | 10 03 45.0 +1.6 | HCY | Herceg Novi | 1.24 233 | l/Pg | Pg | 10 19 05.2 -0.7 |
| ATVM | | | Sn | 10 03 43.3 -1.1 | HCY | Herceg Novi | 1.24 233 | l/Pg | Pg | 10 19 24.5 +2.2 |
| TEIG | Tepech | 6.37 58 | Pn | 10 02 34.6 -1.4 | HCY | Herceg Novi | 1.24 233 | l/Pg | Pb | 10 19 05.6 -0.0 |
| TEIG | Tepech | 6.37 58 | Ph | 10 02 33.9 -2.1 | HCY | Herceg Novi | 1.24 233 | l/Pg | Pb | 10 19 23.0 +0.7 |
| MOIG | Morelia | 7.33 293 | Pn | 10 02 50.9 +1.7 | ULC | Ulcinj | 1.31 200 | ePg | Sg | 10 19 25.4 +1.4 |
| JTS | Las Juntas de | 11.01 126 | P | 10 03 37.9 +0.1 | DBRK | Dubrovnik | 1.35 248 | ePg | Pb | 10 19 08.1 +0.6 |
| JTS | 0.8nm,0.3s,baz=45,slow=13,SNR=6.4 | | Pn | 10 03 38.6 +0.9 | DBRK | Dubrovnik | 1.35 248 | ePg | Pb | 10 19 27.2 +2.2 |
| 833A | Chaparral WMA, | 12.38 337 | Ph | 10 03 52.7 +1.7 | TEKS | Tekeris | 1.37 351 | ePg | Pn | 10 19 08.8 +1.0 |
| 435B | Jarrell | 14.18 347 | P | 10 04 22.6 +1.4 | TEKS | Tekeris | 1.37 351 | ePg | Pn | 10 19 29.8 +4.6 |
| 342A | Flagon Creek P | 14.47 6 | P | 10 04 24.9 +0.4 | TEKS | Tekeris | 1.37 351 | ePg | Pn | 10 19 18.6 +0.6 |
| 237A | Washetta, Mont | 15.10 354 | P | 10 04 31.1 +0.5 | TEKS | Tekeris | 1.37 351 | ePg | Pn | 10 19 27.9 +2.4 |
| TXAR | Lajitas Array | 15.20 326 | P | 10 04 33.3 +0.7 | BOVS | Bovan | 1.43 71 | ePg | Pb | 10 19 08.5 -0.2 |
| TX31 | Lajitas Ar. Si | 15.20 326 | P | 10 04 33.3 +0.7 | BOVS | Bovan | 1.43 71 | ePg | Pb | 10 19 28.5 +1.7 |
| TX31 | comp=Z,12nm,1.3s | | Iamb | 10 04 44.0 | PHP | Peshkopia | 1.57 164 | P | Pn | 10 19 10.3 +0.3 |
| TX32 | Lajitas Array | 15.20 326 | P | 10 04 33.0 +0.4 | PHP | baz=162 | | S | Sb | 10 19 32.0 +0.7 |
| 146A | Union | 16.28 15 | P | 10 04 44.3 -0.1 | PHP | comp=N,0.2nm,0.6s,baz=162 | | AMP | | |
| 146A | comp=Z,14nm,0.7s | | Iamb | 10 04 53.4 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 12.3 -0.6 |
| Z38A | Mt. Pleasant | 16.29 357 | P | 10 04 45.1 +0.5 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 35.7 +2.1 |
| Z38A | | | Iamb | 10 04 54.2 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 12.7 -0.1 |
| Z41A | Richland Creek | 16.30 4 | P | 10 04 44.7 0.0 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 35.7 +2.1 |
| MIAR | Mount Ida | 17.56 1 | P | 10 04 58.7 +0.2 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 12.2 -0.6 |
| MIAR | | | Iamb | 10 05 10.5 | STON | Ston | 1.61 259 | ePg | Pg | 10 19 35.7 +2.1 |
| GTBY | Guantanamo Bay | 18.19 78 | P | 10 05 04.5 -1.1 | KUBS | Kucevo | 1.80 47 | ePg | Pg | 10 19 15.6 -0.9 |
| WMOK | Wichita Mounta | 18.25 347 | P | 10 05 06.5 +0.4 | KUBS | Kucevo | 1.80 47 | ePg | Pg | 10 19 40.4 +0.6 |
| W41B | Gary Mavity, V | 18.25 5 | P | 10 05 07.3 -0.6 | FRGS | Fruska Gora | 1.96 359 | ePg | Pb | 10 19 16.9 -0.9 |
| X48A | Hartselle | 18.55 18 | Iamb | 10 05 03.0 +0.9 | FRGS | Fruska Gora | 1.96 359 | ePg | Pb | 10 19 43.2 -1.8 |
| X48A | | | Iamb | 10 05 07.0 | ZAPS | Zavoj | 2.04 87 | ePg | Pb | 10 19 18.5 -0.7 |
| MXST | Muleshoe | 18.71 337 | P | 10 05 12.7 -0.7 | ZAPS | Zavoj | 2.04 87 | ePg | Pb | 10 19 46.3 -1.3 |
| U49A | Red Boiling Sp | 20.84 19 | P | 10 05 32.5 -1.5 | BOSS | Moldovita | 2.08 40 | ePg | Sb | 10 19 19.7 +0.2 |
| U49A | | | Iamb | 10 05 33.2 | MDVR | Moldovita | 2.08 40 | ePg | Sb | 10 19 46.5 +1.3 |
| SDV | Santo Domingo | 24.14 106 | P | 10 06 05.4 -1.2 | MDVR | Moldovita | 2.08 40 | ePg | Sb | 10 19 22.1 +0.2 |
| SDV | comp=Z,4.5nm,0.6s,baz=286,slow=5.7,SNR=7.1 | | P | 10 06 25.1 -2.0 | LSTV | Lastovo | 2.21 260 | ePg | Sg | 10 19 50.9 +2.0 |
| LPZ | Lac du Bonnet | 33.26 358 | P | 10 06 39.7 +0.6 | LSTV | Lastovo | 2.21 260 | ePg | Sg | 10 19 12.1 -0.3 |
| LPZ | comp=Z,0.7nm,0.4s,baz=197,slow=10,SNR=2.1 | | P | 10 08 39.7 +0.6 | LSTV | Lastovo | 2.21 260 | ePg | Sg | 10 19 51.0 -2.0 |
| LPZ | La Paz | 41.72 141 | P | 10 08 39.7 +0.6 | HVAR | Hvar | 2.48 271 | Sn | Pg | 10 19 58.0 +0.7 |
| LPZ | comp=Z,2.1nm,0.8s,baz=330,slow=5.2,SNR=3.8 | | Iamb | 10 08 40.6 | HERR | Herculane | 2.50 47 | Sn | Pg | 10 19 28.4 -1.6 |
| SIV | San Ignacio | 46.10 133 | P | 10 09 12.7 -0.8 | HERR | Herculane | 2.50 47 | Sn | Pg | 10 20 02.9 +0.4 |
| SIV | comp=Z,1.7nm,0.5s,baz=319,slow=8.6,SNR=9.1 | | P | 10 09 25.4 -0.2 | VTS | Vitosh | 2.56 102 | ePg | Sg | 10 20 27.2 -0.9 |
| YKA | Yellowknife Ar | 47.76 347 | P | 10 09 25.4 -0.2 | VTS | Vitosh | 2.56 102 | ePg | Sg | 10 20 02.7 -1.4 |
| YKA | comp=Z,1.2nm,0.6s,baz=147,slow=7.5,SNR=26 | | P | 10 10 34.8 +0.5 | KJUV | Kijevo | 2.63 289 | ePg | Pg | 10 19 30.4 -1.9 |
| INK | Inuvik | 57.10 344 | P | 10 10 34.8 +0.5 | KJUV | Kijevo | 2.63 289 | ePg | Pg | 10 20 04.8 -1.5 |
| INK | comp=Z,4.7nm,0.6s,baz=128,slow=6.2,SNR=28 | | Iamb | 10 10 35.5 | BZS | Buzias | 2.73 27 | ePg | Pg | 10 19 33.6 -0.8 |
| INK | Inuvik | 57.10 344 | P | 10 10 34.8 +0.5 | BZS | Buzias | 2.73 27 | ePg | Pg | 10 19 31.7 +0.8 |
| INK | comp=Z,4.1nm,0.6s | | Iamb | 10 10 35.5 | BZS | Buzias | 2.73 27 | ePg | Pg | 10 19 36.1 -0.2 |
| ILAR | Eielson Array | 59.40 337 | P | 10 10 51.0 +0.7 | GZR | Gura Zlata | 3.04 43 | ePg | Sb | 10 20 16.5 -3.2 |
| ILAR | comp=Z,0.3nm,0.6s,baz=137,slow=5.9,SNR=9.8 | | P | 10 10 51.4 +1.1 | MORI | Morici | 3.08 284 | ePg | Pg | 10 19 36.0 -0.9 |
| RND | Reindeer | 59.57 335 | P | 10 10 53.7 +2.1 | MORI | Morici | 3.08 284 | ePg | Pg | 10 20 15.1 +0.5 |
| CCB | Clear Creek Bu | 59.69 336 | Iamb | 10 10 53.7 +2.1 | ZIRJ | Zirje | 3.09 280 | ePg | Sb | 10 19 36.7 -0.4 |
| EUNU | Eureka | 63.27 1 | P | 10 11 16.2 0.0 | TIP | Timpagrande | 4.64 211 | l/Pg | Pn | 10 19 54.3 +2.1 |
| EUNU | comp=Z,3.8nm,1.4s | | Iamb | 10 11 43.7 | TIP | | | l/Pg | Sb | 10 20 48.4 +2.2 |
| SUMG | Summit | 63.97 16 | P | 10 11 20.5 -0.8 | ICD 23 10:24:38.3,1.7,1.91N,126.37E,h0km,mb4.1/4, | | | | | |
| SUMG | comp=Z,4.0nm,0.9s | | Iamb | 10 11 21.2 | mb1 4.2/5,mb1mx3.7/36,mbtmp4.0/5,ML3.8/1,Error | | | | | |
| NB2 | NORSAR Subarra | 82.52 28 | P | 10 13 10.3 +0.6 | ellipse: s-maj=110.6km s-min=23.6km az=87.0, | | | | | |
| ARC5 | ARC5 Array B | 83.98 18 | P | 10 13 17.1 0.0 | NEIC 23 10:24:44.0,1.1,1.77N,0.1,126.19E,0.07,h35km,2km, | | | | | |
| GERES | GERES Array B | 88.59 39 | P | 10 13 41.3 +1.2 | mb4.2/10,Error ellipse: s-maj=26.8km s-min=5.0km | | | | | |
| GERES | comp=Z,1.5nm,0.7s,baz=297,slow=5.3,SNR=5.4 | | | | az=21.0 | | | | | |

| | | | | | |
|------|----------------|----------|------|----|-----------------|
| TTG | Podgorica | 0.88 210 | ePg | Pg | 10 18 57.4 -1.6 |
| TTG | Podgorica | 0.88 210 | l/Pg | Pg | 10 18 57.6 -1.4 |
| TTG | | | | Sb | 10 19 11.3 +0.1 |
| DIVS | Divibare | 0.91 7 | ePg | Pn | 10 19 00.7 -0.3 |
| DIVS | Divibare | 0.91 7 | ePg | Sn | 10 19 14.1 -0.1 |
| DIVS | Divibare | 0.91 7 | ePg | Sb | 10 19 13.2 -1.0 |
| SELS | Selova | 0.93 88 | ePg | Pn | 10 18 59.9 -0.4 |
| SELS | Selova | 0.93 88 | ePg | Sb | 10 19 07.7 -1.4 |
| GRUS | Gruza | 0.94 42 | ePg | Pg | 10 19 00.7 +0.3 |
| CEME | Cevo | 0.94 227 | l/Pg | Sn | 10 19 15.0 +0.2 |
| CEME | Cevo | 0.94 227 | l/Pg | Sb | 10 19 13.9 +1.3 |
| BRY | Bratogost | 1.00 253 | l/Pg | Pg | 10 19 00.8 -0.5 |
| BRY | Bratogost | 1.00 253 | l/Pg | Pg | 10 19 16.6 +0.1 |
| BRY | Bratogost | 1.00 253 | l/Pg | Pb | 10 19 00.8 -0.5 |
| BRY | Bratogost | 1.00 253 | l/Pg | Pb | 10 19 14.8 -0.1 |
| HAPS | Han Pijesak,Bl | 1.10 324 | ePg | Pg | 10 19 02.6 -0.6 |
| HAPS | Han Pijesak,Bl | 1.10 324 | ePg | Pg | 10 19 12.7 +2.7 |
| HAPS | Han Pijesak,Bl | 1.10 324 | l/Pg | Pg | 10 19 02.4 -0.8 |
| HAPS | Han Pijesak,Bl | 1.10 324 | l/Pg | Pg | 10 19 18.2 -0.8 |
| TRUS | Trudelj | 1.10 21 | ePg | Sn | 10 19 04.2 +0.6 |
| TRUS | Trudelj | 1.10 21 | ePg | Sb | 10 19 05.2 +0.2 |
| DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 02.5 -1.0 |
| DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 18.8 +0.7 |
| DRME | Dracevica, Mon | 1.12 206 | l/Pg | Pg | 10 19 02.5 -1.0 |
| DRME | Dracevica, Mon | 1.12 206 | | | |

23d 11h

Table with columns: NACB, Ninganchiao, baz=353, 0.65 344 P, Pb, 11 21 29.0 -0.8, ECL, baz=225, Hsinying, 1.22 257 i P, S, Sn, 11 21 52.0 -1.5, ISKR, Skrokalka, 0.39 256 P, Pg, 11 35 46.4 -1.4

2014 DEC

Table with columns: TWK, baz=255, Hsinying, 1.22 257 i P, S, Sn, 11 21 39.2 -0.2, ISKR, Thorvaldshraun, 0.45 52 P, Pg, 11 35 47.3 -1.5

1124

Table with columns: THOR, baz=50, Thorvaldshraun, 0.45 52 P, Pg, 11 35 47.3 -1.5, THOR, baz=50, Jokulheimar, 0.47 222 P, Pg, 11 35 47.5 -1.6

REY 23 11:35:38.9, 64.65N, 17.49W, h10km
IDC 23 11:35:39.3, 0.9, 64.57N, 17.52W, h0km, mb3.8/9,
ms1 4/11, mb1mx3.8/39, mbtmp3.9/11, ML4.4/1, MS3.7/3,
Ms1 3.6/3, ms1mx2.8/52, Error ellipse: s-maj=34.0km
s-min=15.7km az=30.0
NEIC 23 11:35:40.2, 2.0, 64.6N, 0.1, 17.7W, 0.1, h8km, 5km,
mb4.4/12, Error ellipse: s-maj=15.0km s-min=8.1km
az=197.0
ISC 23 11:35:40.0, 0.5, 64.66N, 0.02, 17.50W, 0.02, h10km, n85,
i182.99, mb4.3/20, MS3.6/3, Iceland

Table with columns: Code, Station Name, Az, Az, Op, ISC, Time, Res, h, s, ISC, 0.14 24 P, Pg, 11 35 42.2 -1.2

Table with columns: KKAR, Karatay Array, 51.28 70 P, Iamb, Iamb, 11 44 45.1 +1.4, KKAR, Karatay Array, 51.28 70 P, Iamb, Iamb, 11 44 48.7

23d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hansel Valley, Beach Ranch, etc.

IDC 23 11:55:53.8, 0.8, 44:41N; 114:41W, h0km, mb3.4/1, mb1 3.7/7, mb1mx3.5/1, mbmtmp3.3/7, ML3.7/5, MS2.7/2, Ms1 2.7/2, ms1mx2.4/31, Error ellipse: s-maj=13.4km s-min=7.1km az=84.0

BUT 23 11:55:54.2, 7.44:45N; 104:114:15W, 0.06, h10km, 7km, ML3.7/84(NEIC), Error ellipse: s-maj=6.1km s-min=5.3km az=80.0

NEIC 23 11:55:54.2, 3.44:48N; 02:114:19W, 0.05, h5km, 2km, Error ellipse: s-maj=6.4km s-min=3.5km az=245.0

ISC 23 11:55:53.9, 0.8, 44:51N; 04:114:20W, 0.04, h6km, n71, s1666/72, Western Idaho

Main station list table for the 23d 12h period, including stations like Bear Canyon, McKenize Canyo, etc.

2014 DEC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DUG, comp=N, 81nm, 1.0s, etc.

NEIC 23 11:56:25.9, 2.6, 44:41N; 0:04:114:10W, 0.05, h5km, 2km, Error ellipse: s-maj=7.3km s-min=5.2km az=147.0

BUT 23 11:56:26.2, 2.8, 44:42N; 0:04:114:16W, 0.05, h6km, 4km, ML3.9, Error ellipse: s-maj=6.3km s-min=4.5km az=133.0

IDC 23 11:56:27.0, 0.8, 44:41N; 114:88W, h0km, mb3.5/1, mb1 3.9/6, mb1mx3.6/1, mbmtmp3.5/6, ML4.1/4, Error ellipse: s-maj=7.6km az=79.0

ISC 23 11:56:26.0, 0.8, 44:43N; 0:04:114:12W, 0.04, h6km, n53, s1565/57, Western Idaho

Main station list table for the 2014 DEC period, including stations like Bear Canyon, McKenize Canyo, etc.

IDC 23 12:08:14.1, 1.0, 9.18:86S; 69:56W, h97km, 7km, mb3.5/3, mb1 3.7/6, mb1mx3.4/3, mbmtmp3.9/6, Error ellipse: s-maj=30.7km s-min=12.1km az=88.0

GUC 23 12:08:14.3, 0.7, 18:83S; 69:60W, h91km, 3km, ML3.6

ISC 23 12:08:13.5, 0.8, 18:84S; 0:05:69:7W, 0.1, h93km, 6km, n25, s092/27, mb3.8/3.4C, Northern Chile

Main station list table for the 2014 DEC period, including stations like Minye Minye, IPOC Station P, etc.

1126

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

IDC 23 12:18:42.5, 1.5, 52.9S; 151:03E, h0km, mb3.2/4, mb1 3.4/9, mb1mx3.3/27, mbmtmp3.3/4, Error ellipse: s-maj=56.0km s-min=22.1km az=130.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, WRA Warramunga, etc.

NEIC 23 12:22:53.9, 2.8, 13:67N; 0:04:30W, 0.05, h69km, 9km, mb4.4/38, MD4.6(SNET), Error ellipse: s-maj=7.7km s-min=6.1km az=62.0

SNET 23 12:22:54.1, 1.8, 13:47N; 90:29W, h31km, 10km, ML4.9, MW4.9

UCR 23 12:22:54.0, 1.4, 13:47N; 90:30W, h31km, 5km, ML4.6, MW4.9

IDC 23 12:22:55.4, 1.8, 13:88N; 90:07W, h82km, 17km, mb3.6/6, mb1 4.0/9, mb1mx3.6/37, mbmtmp4.0/9, MS2.9/6, Ms1 2.9/6, ms1mx2.8/7, Error ellipse: s-maj=30.4km s-min=12.6km az=42.0

INET 23 12:22:56.8, 12:80N; 90:22W, h15km, ML4.2

GCG 23 12:23:02.1, 0.3, 14:36N; 90:49W, h48km, MD4.3

ISC 23 12:22:53.9, 0.9, 13:65N; 0:07:30W, 0.05, h66km, 7km, n108, s1918/119, mb4.5/19, 1C-7D, Near coast of Guatemala

Main station list table for the 1126 period, including stations like NUBE Las Nubes, CERO Verde, etc.

1127

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like ESQI, PAVA, COEG, MRL, etc.

Station coordinates and details:
IDC 23 12:33:35.4z 1.2, 37.01N, 104.99W, h0km, mb2.91,
mb1 3.4/5, mb1mx3.3/4, mbtmp3.2/5, ML 3.1/4, Error
ellipse: s-maj=2.5km s-min=1.0, 2km az=87.0,
ANF 23 12:33:36.1z 0.3, 37.04N, 104.87W, h3km, 3km, ML 3.7/17,
Error ellipse: s-maj=2.1km s-min=1.6km az=154.0,
NEIC 23 12:33:36.5z 2.3, 36.95N, 0104.77W, 0.07, h9km, 7km,
mb_Lg3.2/93, ML3.4/44, Error ellipse: s-maj=8.0km
s-min=5.9km az=85.0,
ISC 23 12:33:36.2z 1.3, 37.07N, 104.00W, h0.02km, h12km,
n84, c1570/80, Colorado

Code Station Name Az E Freq SNR Time Res
Op Op ISC h m s ISC

2014 DEC

Main table of station data for December 2014, including stations like T25A, SDCO, ANMO, KSCO, etc.

23d 13h

Table of station data for the 23rd and 13th, including stations like W35A, TUC, KSU1, N33A, etc.

Code Station Name Az E Freq SNR Time Res
Op Op ISC h m s ISC

Table with columns: ARSA, Arzberg, 4.14 296, Pn, Pn, 13 103 06.1 +0.6, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: TWSI, Taliwang, Sumb, 7.08 279, P, Pn, 13 39 22.4 -0.2, etc. Lists astronomical observations from Taliwang, Sumbawa.

Table with columns: LKWY, Lake, 2.70 87, Pn, Pn, 13 53 19.8 +1.8, etc. Lists astronomical observations from Lake, West Java.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists astronomical observations with station names and coordinates.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists astronomical observations from Western Idaho.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists astronomical observations with station names and coordinates.

ADC 23 13:37:41.8-0.9,9:90S,124:00E,h62km,14km,mb3.7/10, mb1.4/15,mb1mx2.3/4.7,mbtmp4.2/15,MS3.0/4, Ms1.3/0.4,ms1mx2.7/2.9,Error ellipse: s-maj=27.1km s-min=20.3km az=118.0

DJA 23 13:37:42.6-0.3,10°S,3°12'E, h52km,5km, M4.4/12, mb5.0/7,mb4.6/8,MB,(MLV4.12,Mw)(mb)4.2/7

NEIC 23 13:37:42.9-1.8,9:84S,0:06:123.95E:0.05,h68km,6km, mb4.4/19,Error ellipse: s-maj=9.4km s-min=7.8km az=192.0

ISC 23 13:37:41.4-0.5,9:93S:0:04:123.96E:0.05,h50km,n72, a=17.74,mb4.2/16, Timor region

BUT 23 13:52:34.7-2.2,44:46N:0:04:114:17W:0:06,h11km,7km, ML3.8,Error ellipse: s-maj=6.6km s-min=5.4km az=134.0

NEIC 23 13:52:34.9-1.6,44:43N:0:04:114:18W:0:06,h5km,3km, Error ellipse: s-maj=7.6km s-min=6.1km az=118.0

ADC 23 13:52:36.5-1.5,44:43N:1:14:17W,h0km,mb1.3/6.3, mb1mx3.3/4.9,mbtmp3.1/3,ML3.4/3,Error ellipse: s-maj=17.6km s-min=12.8km az=175.0

ISC 23 13:52:33.8-0.9,44:49N:0:04:114:17W:0:04,h6km,n62, a=19.03,Western Idaho

ADC 23 13:58:43.0-0.8,2:94S,129:83E,h0km,mb3.9/8, mb1.4/2.12,mb1mx1.0/3.1,mbtmp4.0/12,ML4.2/4,MS3.3/5, Ms1.3/3.5,ms1mx2.0/3.0,Error ellipse: s-maj=26.4km s-min=14.8km az=77.0

DJA 23 13:58:46.7-1.4,3°S,4°:13'0E, h17km,12km, M4.4/11, mb4.7/1,mb4.5/7,MLV4.3/11,(Mw)(mb)3.9/1

NEIC 23 13:58:48.7-2.0,2:93S:0:06:129.88E:0.05,h45km,7km, mb4.4/19,Error ellipse: s-maj=9.4km s-min=7.8km az=192.0

ISC 23 13:58:46.9-0.5,2:94S:0:05:129.83E:0.06,h25km,n63, a=19.55/64,mb4.0/13,MS3.2/4,Seram

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Lists astronomical observations with station names and coordinates.

23d 15h

| ATFO | Monte Foc - G | 2.78 286 | AML | AML | | | |
|-------|--------------------------|----------|-----|-----|------------|------|--|
| ATFO | comp=N,164µm,0.8s | | AML | AML | | | |
| MURB | Monte Urbino | 2.79 284 | AML | AML | | | |
| MURB | comp=N,462µm,0.3s | | AML | AML | | | |
| MURB | comp=N,454µm,1.4s | | AML | AML | | | |
| LAUV9 | comp=N,452µm,0.3s | 2.81 251 | AML | AML | | | |
| LAUV9 | comp=E,33100µm,1.6s | | AML | AML | | | |
| LAUV9 | comp=N,776µm,0.1s | | AML | AML | | | |
| LAUV9 | comp=N,775µm,0.9s | | AML | AML | | | |
| LAUV9 | comp=N,812µm,0.1s | | AML | AML | | | |
| LAUV9 | comp=N,33100µm,1.6s | | AML | AML | | | |
| SJES | Sjenica | 2.81 76 | ePn | Pb | 15 18 04.7 | -1.8 | |
| SJES | | | eSn | Sb | 15 18 39.4 | -1.1 | |
| SJES | | 2.81 76 | ePn | Pb | 15 18 05.1 | -1.4 | |
| NARO | Abbazia di Nar | 2.84 291 | AML | AML | | | |
| NARO | comp=N,74µm,0.9s | | AML | AML | | | |
| PIEI | Pieia | 2.85 289 | AML | AML | | | |
| PIEI | comp=E,136µm,0.4s | | AML | AML | | | |
| ATVO | AVT- Monte Val | 2.90 286 | AML | AML | | | |
| ATVO | comp=N,105µm,0.6s | | AML | AML | | | |
| ATTE | AVT- Monte Tez | 2.91 282 | AML | AML | | | |
| ATTE | comp=N,109µm,0.3s | | AML | AML | | | |
| ATPI | Pietralunga - | 2.92 287 | AML | AML | | | |
| ATPI | comp=N,111µm,0.3s | | AML | AML | | | |
| PE3 | Peglio | 2.93 292 | AML | AML | | | |
| PE3 | comp=N,358µm,0.6s | | AML | AML | | | |
| BOJS | Bojanci | 2.94 346 | P | Pn | 15 18 03.5 | +1.8 | |
| BOJS | comp=N,188µm,0.5s | | S | Sn | 15 18 37.5 | +1.5 | |
| BOJS | comp=N,188µm,0.5s | | AML | AML | | | |
| RIY | Rijeka | 2.96 335 | ePn | Pb | 15 18 13.1 | +4.2 | |
| RIY | comp=N,335µm,0.8s | | ePn | Pb | 15 18 03.5 | +1.5 | |
| RIY | Rijeka | 2.96 335 | ePn | Pb | 15 18 03.4 | +1.5 | |
| RIY | comp=N,101µm,0.2s | | ePn | Pb | 15 18 03.3 | +0.8 | |
| TIR | Tirane | 2.96 335 | ePn | Pb | 15 18 36.7 | -0.8 | |
| TIR | comp=N,101µm,0.2s | | eSn | Sn | 15 18 04.7 | +2.0 | |
| OZLJ | Ozalj | 3.01 350 | ePn | Pn | 15 18 40.4 | +2.6 | |
| OZLJ | comp=N,111µm,0.3s | | eSn | Sn | | | |
| BADI | Badiali | 3.05 288 | AML | AML | | | |
| BADI | comp=E,157µm,0.5s | | AML | AML | | | |
| MGAB | Montegabbione | 3.05 276 | AML | AML | | | |
| MGAB | comp=N,122µm,0.7s | | AML | AML | | | |
| MGAB | comp=N,192µm,0.3s | | AML | AML | | | |
| TEKS | Tekeris | 3.05 50 | ePn | Pb | 15 18 07.7 | -2.8 | |
| SCTE | Santa Cesarea | 3.08 146 | AML | AML | | | |
| SCTE | comp=N,292µm,0.6s | | AML | AML | | | |
| SCTE | comp=N,292µm,0.6s | | AML | AML | | | |
| PARC | Parchiule | 3.09 290 | AML | AML | | | |
| PARC | comp=N,286µm,0.5s | | AML | AML | | | |
| PARC | comp=N,286µm,0.5s | | AML | AML | | | |
| PARC | comp=N,286µm,0.5s | | AML | AML | | | |
| DIVS | Divibare | 3.10 61 | ePn | Pb | 15 18 10.7 | -0.6 | |
| DIVS | comp=N,113µm,0.5s | | eSn | Sb | 15 18 48.2 | -0.5 | |
| DIVS | Divibare | 3.10 61 | ePn | Pb | 15 18 05.0 | +1.1 | |
| DIVS | comp=N,113µm,0.5s | | eSn | Sb | | | |
| CET2 | Cetraro | 3.13 184 | AML | AML | | | |
| CET2 | comp=N,124µm,0.5s | | AML | AML | | | |
| PIPA | Pietrapaola | 3.19 172 | AML | AML | | | |
| PIPA | comp=N,204µm,0.5s | | AML | AML | | | |
| PIPA | comp=N,120µm,0.9s | | AML | AML | | | |
| SACS | San Casciano d | 3.19 275 | AML | AML | | | |
| SACS | comp=N,93µm,0.4s | | AML | AML | | | |
| SACS | comp=N,67µm,1.6s | | AML | AML | | | |
| TOLF | Tolfa | 3.20 261 | AML | AML | | | |
| TOLF | comp=N,77µm,0.5s | | AML | AML | | | |
| TOLF | comp=N,69µm,0.9s | | AML | AML | | | |
| CAFI | Castiglione Fio | 3.21 284 | AML | AML | | | |
| CAFI | comp=N,64µm,1.2s | | AML | AML | | | |
| CAFI | comp=N,68µm,1.3s | | AML | AML | | | |
| CRES | Cresnevi | 3.22 350 | ePn | Pn | 15 18 07.4 | +1.8 | |
| CRES | comp=N,62µm,0.6s | | ePn | Pn | | | |
| CELI | Celico | 3.25 176 | AML | AML | | | |
| CELI | comp=N,159µm,0.7s | | AML | AML | | | |
| PTJ | Puntjarka | 3.26 357 | ePn | Pn | 15 18 07.9 | +1.7 | |
| PTJ | comp=N,132µm,0.6s | | ePn | Pn | | | |
| CRE | Caprese Michel | 3.28 289 | AML | AML | | | |
| CRE | comp=N,136µm,0.3s | | AML | AML | | | |
| CEY | Cerknica | 3.35 338 | iPn | Pn | 15 18 08.9 | +1.5 | |
| MCIV | Monte Civitelli | 3.36 274 | AML | AML | | | |
| MCIV | comp=N,67µm,0.5s | | AML | AML | | | |
| MCIV | comp=N,44µm,0.4s | | AML | AML | | | |
| TRUS | Trudelj | 3.42 61 | ePn | Pb | 15 18 15.1 | -1.7 | |
| ASQU | Asqua | 3.45 291 | AML | AML | | | |
| ASQU | comp=N,38µm,0.2s | | AML | AML | | | |
| ASQU | comp=N,61µm,1.4s | | AML | AML | | | |
| KALN | Kalnik | 3.48 2 | ePn | Pn | 15 18 10.8 | +1.6 | |
| KALN | comp=N,78µm,0.4s | | eSn | Sn | 15 18 52.2 | +2.7 | |
| TIP | Timpangrande | 3.49 173 | iPn | Pb | 15 18 12.7 | +3.3 | |
| GRUS | Gruga | 3.50 68 | ePn | Pb | 15 18 15.5 | -2.6 | |
| GRUS | comp=N,64µm,1.2s | | ePn | Pb | 15 18 57.6 | -2.5 | |
| TRU | Trieste | 3.54 331 | P | S | 15 18 11.6 | +1.7 | |
| TRU | comp=N,19m,0.5s | | S | Sn | 15 18 51.7 | +1.0 | |
| TRU | comp=N,221µm,0.7s | | AML | AML | | | |
| FRGS | Fruska Gora | 3.60 45 | ePn | Pb | 15 18 18.5 | -1.3 | |
| FRGS | comp=N,134µm,0.7s | | eSn | Sb | 15 19 02.9 | -0.1 | |
| FRGS | Fruska Gora | 3.60 45 | ePn | Pb | 15 18 16.7 | -3.1 | |
| LJU | Ljubljana | 3.61 341 | ePn | Pn | 15 18 12.7 | +1.8 | |
| LJU | comp=N,5.3nm,0.2s,SNR=11 | | P | Sn | 15 18 12.4 | +1.5 | |
| LJU | Ljubljana | 3.61 341 | P | Sn | 15 18 53.5 | +1.0 | |
| LJU | comp=N,376µm,0.7s | | AML | AML | | | |
| OHR | Ohrid | 3.74 113 | iPn | Pn | 15 18 14.1 | +1.4 | |
| KOGS | Kog | 3.80 0 | P | Pn | 15 18 15.2 | +1.7 | |
| KOGS | comp=N,204µm,1.5s | | AML | AML | | | |
| KOGS | comp=N,290µm,0.7s | | AML | AML | | | |
| SABO | M.te Sabotino | 3.83 331 | P | Pn | 15 18 15.2 | +1.3 | |
| SABO | comp=N,372µm,0.8s | | S | Sn | 15 18 58.7 | +0.7 | |
| SABO | comp=N,372µm,0.8s | | AML | AML | | | |
| SABO | comp=N,304µm,1.5s | | AML | AML | | | |
| TRIF | Trifonti | 3.95 279 | AML | AML | | | |
| TRIF | comp=N,54µm,1.2s | | AML | AML | | | |
| TRIF | comp=N,45µm,0.2s | | AML | AML | | | |
| OBKA | Obir | 4.04 343 | ePn | Pn | 15 18 19.0 | +2.1 | |
| OBKA | comp=N,5.3nm,0.2s,SNR=11 | | eSn | Sn | 15 19 04.7 | +1.4 | |
| OBKA | comp=N,37nm,0.6s | | eSn | Sn | 15 18 22.7 | +4.8 | |
| BOVS | Bovan | 4.12 74 | ePn | Pn | | | |

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| BOVS | Villanova | 4.18 331 | eSn | Pn | 15 19 10.6 | +5.5 |
|------|---------------------------|----------|-----|-----|------------|------|
| VINO | | | P | Pn | 15 19 17.7 | +0.9 |
| VINO | | | S | Sn | 15 19 06.8 | +0.2 |
| GEFF | Gemona | 4.25 330 | P | Pn | 15 18 20.6 | +1.0 |
| GEFF | comp=N,172µm,0.6s | | AML | AML | | |
| TEOL | Teolo | 4.26 311 | P | Pn | 15 18 20.5 | +0.6 |
| TEOL | comp=N,205µm,0.9s | | AML | AML | | |
| TEOL | comp=N,256µm,0.7s | | AML | AML | | |
| PTCC | Patocco-Chiusa | 4.28 332 | P | Pn | 15 18 21.3 | +1.1 |
| PTCC | comp=N,73µm,1.2s | | S | Sn | 15 19 09.4 | +0.2 |
| PTCC | comp=N,73µm,1.2s | | AML | AML | | |
| POLC | Polecnigo | 4.31 323 | P | Pn | 15 18 21.8 | +1.3 |
| POLC | comp=N,82µm,0.9s | | AML | AML | | |
| POLC | comp=N,222µm,0.8s | | AML | AML | | |
| ACOM | Accomizza, Ital | 4.35 334 | P | Pn | 15 18 23.0 | +1.7 |
| ACOM | comp=N,262µm,0.4s | | S | Sn | 15 19 10.6 | -0.5 |
| MAIM | Mastiano | 4.38 289 | AML | AML | | |
| MAIM | comp=N,52µm,0.7s | | AML | AML | | |
| MYKA | Terra Mystica | 4.39 336 | iPn | Pn | 15 18 24.1 | +2.4 |
| MYKA | comp=N,40µm,0.7s | | eSn | Sn | 15 19 12.3 | +0.5 |
| MYKA | comp=N,1.2nm,0.2s | | eSn | Sn | | |
| STIP | Stip | 4.52 100 | iPn | Pn | 15 18 26.5 | +3.0 |
| BOSS | Bosilegrad | 4.61 90 | ePn | Pn | 15 18 25.7 | +1.0 |
| ARSA | Arzberg | 4.63 354 | ePn | Pn | 15 18 26.6 | +1.6 |
| ARSA | comp=N,2.1nm,0.2s,SNR=6.8 | | iSn | Sn | 15 19 18.1 | +0.5 |
| ROVR | Rover Verones | 4.77 311 | AML | AML | | |
| ROVR | comp=N,3.7nm,0.4s | | AML | AML | | |
| ROVR | comp=N,36µm,1.5s | | AML | AML | | |
| BZS | Buzias | 4.88 51 | iPn | Pb | 15 18 38.4 | -3.2 |
| KBA | Koelnbreinsper | 4.88 336 | ePn | Pn | 15 18 30.2 | +1.6 |
| KBA | comp=N,1.3nm,0.1s,SNR=6.9 | | iSn | Sn | 15 19 24.0 | -0.1 |
| ABTA | Abfaltersbach | 4.88 328 | ePn | Pn | 15 18 29.6 | +1.2 |
| ABTA | comp=N,1.4nm,0.1s,SNR=11 | | eSn | Sn | 15 19 23.9 | -0.1 |
| VTS | Vitosa | 5.16 88 | ePn | Pn | 15 18 33.7 | +1.3 |
| CONA | Conrad Observa | 5.28 357 | ePn | Pn | 15 18 35.8 | +1.9 |
| CONA | comp=N,0.8nm,0.1s,SNR=4.2 | | iSn | Sn | 15 19 34.6 | +0.7 |
| PGF | Pioggiola | 5.34 271 | ePn | Pn | 15 18 35.8 | +0.9 |
| MOA | Molin | 5.38 346 | ePn | Pn | 15 18 37.5 | +2.3 |
| MOA | comp=N,3.4nm,0.1s,SNR=23 | | iSn | Sn | 15 19 36.9 | +0.7 |
| GZR | Gura Zlata | 5.45 58 | iPn | Pb | 15 18 44.4 | -7.0 |
| WATA | Walderalm | 5.73 326 | ePn | Pn | 15 18 42.5 | +2.3 |
| WATA | comp=N,1.4nm,0.1s,SNR=6.5 | | eSn | Sn | 15 19 46.6 | +1.5 |
| MODS | Modra-Piesok | 5.77 7 | ePn | Pn | 15 18 41.5 | +0.9 |
| MODS | comp=N,5.0nm,0.3s | | eSn | Sn | 15 19 43.0 | -2.8 |
| SQTA | Sankt Quirin | 5.80 324 | iPn | Pn | 15 18 44.5 | +3.4 |
| SQTA | comp=N,1.0nm,0.1s | | eSn | Sn | 15 19 49.1 | +2.5 |
| FETA | Feichten | 5.87 320 | iPn | Pn | 15 18 44.9 | +2.8 |
| FETA | comp=N,4.7nm,0.2s | | eSn | Sn | 15 19 49.6 | +1.2 |
| MOTA | Moosalm | 5.94 324 | ePn | Pn | 15 18 45.6 | +2.6 |
| MOTA | comp=N,1.0nm,0.2s | | eSn | Sn | 15 19 51.1 | +1.0 |
| MOTA | comp=N,1.9nm,0.3s | | eSn | Sn | 15 18 47.6 | +2.2 |
| VYHS | Vyhne | 6.12 16 | ePn | Pn | 15 18 47.6 | +2.2 |
| VYHS | comp=N,3.1nm,0.4s | | eSn | Sn | 15 19 53.0 | -1.4 |
| RETA | | | | | | |

23d 16h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BFZ Birch Farm, ULN Ulanbaatar, SONM Songoing Array, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BELA Belgrano 2, ILAR Eielson Array, BRTR Keskin Array, etc.

1134

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zaisan, Jazator, Chibit, Aytash, Ust-Kan, Chagan-Uzun, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Fauske, Steigen, Valnes, Tromso, Moi Rana, Finnes, Vikkela, Lumij, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Pauthetka, Koudutka, Asacha, Mutnovka, Ruskaya, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Villavicencio, Puerto Gaitan, El Recreo, Ciudad Bolivar, Dabeiba, Tolima, Monteria, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Jacinto, San Jos del P, San Jose del G, Santa Marta, Capurgana, Punta Arditia, Macarena, Meta, Betania, Paez Belalcaza, Garzon, Huila, etc.

ISC 23 17:55:54.2, 1.6, 5.72S:149.39E, h0km, mb3.5/3, mb1 3.9/5, mb1mx3.5/4.4, mbtmp3.9/5, ML2.2/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/2.8, Error ellipse: s-maj=63.2km s-min=2.1km az=136.0

ISC 23 19:08:49.4, 2.0, 5.98S:130.16E, h0km, mb3.8/2, mb1 3.6/4, mb1mx3.4/2.7, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=136.0km s-min=26.8km az=67.0, Banda Sea

ISC 23 19:08:44.9, 0.6, 6.81N:72.97W, h162km, 7km, mb3.1/6, mb1 3.6/12, mb1mx3.3/4.0, mbtmp3.9/12, Error ellipse: s-maj=20.0km s-min=7.0km az=133.0

ISC 23 17:55:55.3, 1.5, 5.75S:149.4E, h10km, n6, 0.090/7, New Britain region

ISC 23 19:08:44.2, 1.6, 6.83N:73.14W, h145km, 4km, ML3.9, Mw4.2, Fault plane solution: NPT30:40.00000, 344.00000, 0.92.00000

ISC 23 19:08:44.1, 0.6, 6.86N:0.03:73.11W:0.04, h158km, 5km, n63, 1.980/103, mb3.2/6, 10C-4D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Krvt, Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pampiona, Barranca, RUSC La Rusia, PUERTO BERRIO, TAMC Tame, Arauca, OCAC Ocana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCON Cinco Dias, BBAC Balboa, Otavalo, PCRVR Puerto La Cruz, PDRV Pinedale Array, etc.

ISC 23 18:00:57.0, 0.9, 6.708N:21.12E, h0km, mb1 3.4/5, mb1mx3.1/5.0, mbtmp3.4/5, ML2.1/4, Error ellipse: s-maj=18.3km s-min=0.7km az=103.0

ISC 23 19:08:44.2, 1.6, 6.83N:73.14W, h145km, 4km, ML3.9, Mw4.2, Fault plane solution: NPT30:40.00000, 344.00000, 0.92.00000

ISC 23 19:18:52.4, 0.4, 5.56S:0.07:28.16W:0.07, h121km, n81, 0.097/79, mb4.7/28, 1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASU Masugnsbyn, ERTU Ertsjaerv, PAJU Pajala, HARU Harads, RATU Laukkuspa, KUA Kurvaara, SALU Sallouka, LANU Lannavaara, NIKU Nikkaluokta, KOVU Kovalu, KALU Kalix, SJUU Sjuksmark, TOF Tornio, LILU Liltraesk, KIF Kilpisjarvi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pampiona, Barranca, RUSC La Rusia, PUERTO BERRIO, TAMC Tame, Arauca, OCAC Ocana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCON Cinco Dias, BBAC Balboa, Otavalo, PCRVR Puerto La Cruz, PDRV Pinedale Array, etc.

23d 19h

Table of astronomical observations for 23d 19h, listing station names (e.g., SYO, LC01, QSPA), station IDs, coordinates, and observation times.

NEIC 23 19:21:05.2-1.5, 51.9N, 0.1-1.78, 48E:0.09, h108km, 5km, m4.5/137, ML4.2(AEIC), Error ellipse: s-maj=15.2km, s-min=7.6km az=186.0

2014 DEC

Main table of astronomical observations for 2014 DEC, listing station names (e.g., LSSA, LSSE, LSNW), station IDs, coordinates, and observation times.

1138

Table of astronomical observations for 1138, listing station names (e.g., ILAR, ILAR, ILAR), station IDs, coordinates, and observation times.

23d 22h

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like BALM, CTGM, HIN, etc.

2014 DEC

Table with columns: WHY, Station Name, Frequency, Mode, Power, and Time. Includes stations like Whitehorse, WHY, WHY, etc.

1144

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like PGAV, PTO, PTO, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC, Res, h, m, s, ISC. Rows include stations like Vaqueiros, El Granado, Lanestosa, Mina Concepcio, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC, Res, h, m, s, ISC. Rows include stations like IDC 23 22:23:46.6, BFO, BFO Black Forest, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC, Res, h, m, s, ISC. Rows include stations like BFO, BFO Black Forest, Vasula, etc.

1147

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NAKATSUKE, PURKEYPIE, SKT, etc.

2014 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ZALV, EUNU, DGZ, etc.

23d 22h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SUMG, LRM, PNTR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MURC Murrieta, GMRC Granite Mounta, O20A White River Ci, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CRVS Cervencia-Dubn, M51A Elyria, D62A Allapoint, All, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MOTA Moosalm, ECH Echery, U54A Nello's Funny, etc.

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for PLCA Paso Flores and WEL 23 23:30:32.8, 45 S, 2.17 0E.

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for HHSZ Highcliff Hill, ARGC Ariguani, and WACZ Wakanihi South.

IDC 23 23:32:06.5, 2.0, 6.91S, 128.98E, h0km, mb3.4/1, mb1 3.9/3, mb1mx3.5/28, mbtmp3.6/3, ML3.9/2, Error ellipse: s-maj=111.8km s-min=31.5km az=67.0, Banda Sea

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

PGC 23 23:42:15.4, 4.0, 50.63N, 130.57W, h10km, MLsn3.1/8, Mw3.7/8, 222km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for HOLB Holberg, PHC Port Hardy, and FSB Fort Saint James.

IDC 23 23:46:41.3, 6.3, 6.99N, 73.62W, h164km, 30km, mb3.0/1, mb1 3.3/2, mb1mx2.9/23, mbtmp3.5/2, Error ellipse: s-maj=230.3km s-min=33.7km az=94.0, RNSC 23 23:46:41.6, 1.1, 6.80N, 73.15W, h141km, 4km, ML3.0, Mw3.4

ISC 23 23:46:38.7, 0.9, 6.81N, 0.03:73.10W, 0.04, h161km, 6km, n35, r155/66, 7C, Northern Colombia

Large table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for BARC Barichara, PAMC Pamplona, OCAC Ocania, and many others.

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for TOLC Tolima, SDV Santo Domingo, and MONTE Monteria.

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for ARGC Ariguani, ANIL Santa Ana, and ORTEC Ortega.

PGC 23 23:49:59.5, 4.0, 50.64N, 130.53W, h10km, MLsn3.1/8, Mw3.7/8, 220km west of Pt. Hardy, Bc Vancouver Island region, Canada Region, Vancouver Island region

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for HOLB Holberg, HGBH Hotspring, and KFB Fort Saint James.

WEL 23 23:51:48.1, 38 S, 2.17 0E, h204km, 4km, M3.4/6.1, MLV3.4/6.1, Error ellipse: s-maj=0.0km s-min=0.0km az=35.3, North Island

Table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for GRRZ Galatos Road, UTU Uthuna, and WPRZ Whakapapari.

IDC 23 23:52:48.0, 0.9, 11.14N, 126.06E, h0km, mb4.0/1.3, mb1 4.1/1.3, mb1mx3.8/54, mbtmp4.0/1.3, Error ellipse: s-maj=56.8km s-min=14.0km az=67.0, MAN 23 23:52:49.2, 1.1, 11.39N, 126.48E, h21km, 4km, B, ML3.6, MS3.5

NEIC 23 23:52:54.5, 1.2, 11.2N, 0.1:126.3E, 0.3, h47km, 10km, mb4.4/1.4, Error ellipse: s-maj=47.2km s-min=3.8km az=65.0

ISC 23 23:52:47.6, 3.7, 11.32N, 0.05:126.47E, 0.06, h3km, 23km, n50, r147/57, mb4.2/20, Philippine Islands region

Large table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for BESP Borongan, GLSP General Luna, and many others.

Large table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for WAZ Wanganui, LREZ Lake Rotokare, and many others.

IDC 23 23:52:48.0, 0.9, 11.14N, 126.06E, h0km, mb4.0/1.3, mb1 4.1/1.3, mb1mx3.8/54, mbtmp4.0/1.3, Error ellipse: s-maj=56.8km s-min=14.0km az=67.0, MAN 23 23:52:49.2, 1.1, 11.39N, 126.48E, h21km, 4km, B, ML3.6, MS3.5

NEIC 23 23:52:54.5, 1.2, 11.2N, 0.1:126.3E, 0.3, h47km, 10km, mb4.4/1.4, Error ellipse: s-maj=47.2km s-min=3.8km az=65.0

ISC 23 23:52:47.6, 3.7, 11.32N, 0.05:126.47E, 0.06, h3km, 23km, n50, r147/57, mb4.2/20, Philippine Islands region

Large table with 4 columns: Code, Station Name, Azimuth, and other parameters. Includes entries for CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, and many others.

24d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUSA Susitna One, VANDA Vanda, SML Sawmill, ILAR Eielson Array, BRTR Keskin Array B, etc.

IDC 24.00:29:57.2.0.5, 56:62Sx150:96W, h0km, mb4.7/12, mb1.4/8/12, mb1mx4.6/3/4, mbtmp4.7/12, MS5.9/10, Ms1.3/9/10, ms1mx3.7/2.2, Error ellipse: s-maj=26.6km s-min=14.1km az=9.0

NEIC 24.00:29:58.2.1.5, 56:8S:0.2:150:6W, h10km, 1km, mb5.1/28, Error ellipse: s-maj=26.3km s-min=12.0km

ISC 24.00:29:58.7.0.4, 56:8S:0.1:150:7W:0.09, h10km, n108, e133/93, mb5.0/21, MS3.9/12, Pacific-Antarctic Ridge

Main table for station 24d 1h, listing various stations like VANDA, VANDA, VANDA, etc. with their respective parameters and coordinates.

2014 DEC

Table for station 2014 DEC, listing stations like BDFB Brasilia, TXAR Lajitas Array, H10N3 ASCENSION HYDR06.30 134, etc.

IDC 24.00:59:13.4.3.3, 10:26N:124:80E, h0km, mb3.6/3, mb1.3/3/3, mb1mx3.3/40, mbtmp3.6/3, Error ellipse: s-maj=291.6km s-min=27.3km az=65.0

MAN 24.00:59:15.2.1.6, 10:48N:125:05E, h0km, mb4.3, ML3.1, MS2.8, ISC 24.00:59:15.2.1.6, 10:42N:125:07E:0.06, h17km, 12km, n10, e252/17, mb3.7/3, 2C-1D, Leyte

Table for station 2014 DEC, listing stations like LLP Lapu-Lapu, GLSP General Luna, BUTP Butuan, etc.

IDC 24.01:19:37.4.0.5, 56:36S:147:09E, h0km, mb4.8/18, mb1.4/9/19, mb1mx4.8/31, mbtmp4.8/19, ML4.0, 1.1, MS5.1/15, Ms1.5/15, ms1mx4.9/29, Error ellipse: s-maj=19.3km s-min=12.6km az=86.0

BUI 24.01:19:37.8.0.0, 56:39S:146:78E, h6km, mb5.6/13, mb5.4/21, MS5.4/16, Ms7.5/15

MOS 24.01:19:38.4.1.3, 56:25S:146:82E, h10km, mb5.3/14, MS5.1/4, Error ellipse: s-maj=31.6km s-min=8.1km az=94.5

NEIC 24.01:19:38.8.2.1, 56:30S:0:09:147:3E:0.2, h10km, 1km, mb5.2/57, Ms_20 5.2/205, Mw5.5/29, Mw5.5(GCMT), Error ellipse: s-maj=16.0km s-min=14.8km az=90.0

NEIC 24.01:19:39.56:28S:147:20E, h10km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.07; Mth=1.00; Mty=0.93; Mtr=0.19; Mty=1.69; Mtr=0.32; Fault plane solution: M1: 190000x10^17, NP2: 16531000x10^17, 0.760000x10^17, 0.350000x10^17, 1.770000x10^17, 0.83770000x10^17, 1.035000x10^17. Principal axes: T 0.280, Plg9.0000; P -Az31.0000; N -0.9888, Plg79.0000; Azm178.0000; P -1.9292, Plg6.0000; Azm300.0000;

GCMT 24.01:19:42.8.0.1, 56:38S:0:01:147:05E:0.1, h12km, MW5.5/149, Moment Tensor Solution. s124.c213; s149.c293; Duration: 1s3 Moment tensor: Scale 10^17 Nm; Mrr=0.14; Mtr=0.09; Mty=0.99; Mtr=0.85; Mty=0.03; Mty=1.66; Mtr=0.03; Mty=0.03; Best double couple: M1: 90000x10^17, NP1: 3450000x10^17, 0.890000x10^17, 0.140000x10^17, 0.930000x10^17, 0.890000x10^17, 1.170000x10^17, 0.83770000x10^17, 1.035000x10^17. Principal axes: T 1.9700, Plg0.0000; Azm120.0000; N -0.1400, Plg9.0000; Azm108.0000; P -1.9300, Plg79.0000; Azm1.0000; Azm300.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rater function

NEIC 24.01:19:43.56:40S:147:07E, h12km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr=0.24; Mth=1.07; Mty=0.83; Mtr=0.07; Mty=1.76; Mtr=0.18; Fault plane solution: M1: 202000x10^17, NP1: 256.0000x10^17, 0.850000x10^17, 1.760000x10^17, 0.850000x10^17, 1.760000x10^17, 0.850000x10^17, 1.760000x10^17, 0.850000x10^17. Principal axes: T 2.1195, Plg1.0000; Azm211.0000; N -0.2135, Plg83.0000; Azm308.0000; P 1.9060, Plg7.0000; Azm121.0000;

ISC 24.01:19:38.9.0.3, 56:38S:0:05:147:30E:0.06, h10km, n491,

1152

Main table for station 1152, listing stations like Macquarie Island, Macquarie Isla, Macquarie Isla, etc. with their respective parameters and coordinates.

1153

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, MORW Morawa, and various Warrungunga Arr stations.

2014 DEC

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like EDFI Ende, FAKI Fak Fak, and various stations in the Kimberley region.

24d 1h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CM32 Chiang Mai, CM34 Chiang Mai, and various stations in the Northern Territory.

24d 1h

Table with columns: TXAR, Lajitas Array, 124.30 88 PKP, PKPfd, 01 38 37.6 0.0, etc. Includes various station names and coordinates.

2014 DEC

Table with columns: J47A, Sumner, 144.77 89 PKPDef, PKPab, 01 39 13.9 -0.1, etc. Includes various station names and coordinates.

1154

Table with columns: comp=Z,2.2nm,1.7s,baz=94,slow=5.1, DAG, Danmarks Havn, 158.90 351 i PKP2, PKPab, 01 40 09.8 -1.6, etc. Includes station names and coordinates.

1155

Table with columns: ICAO, Name, Frequency, Power, Mode, and other details. Includes entries like PLWZ Palliser, MSWZ Moikau Station, STKA Stephens Creek, etc.

2014 DEC

Table with columns: ICAO, Name, Frequency, Power, Mode, and other details. Includes entries like MAW Mawson, MTSU Mount Surprise, PSAD3 Pilbara Seismi, etc.

24d 1h

Table with columns: ICAO, Name, Frequency, Power, Mode, and other details. Includes entries like PPT Papeete, MPST Mapaga, KASI Kota Agung, etc.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like CTGM Chitina Glacie, PAX Paxson, AHID Auburn Hatcher, etc.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like CFR Carcaliu, W57A Gilead, M44A Midewin, etc.

Table with columns: Code, Name, Date, Time, Location, Status, etc. Includes entries like APA Ogdenburg, ODNJ Ogdenburg, OJC Ojcow, etc.

24d 2h

Table with columns: BRG, comp, Z, 22nm, 1.0s, e, 02 18 07.7, etc. Lists various meteorological data points.

BUJ 24 02:01:26.0, 0.0, 15.38N-145.36E, h15km, mB5.2/31, mb4.8/45, Ms4.9/26, Ms7.4/6/26
IDC 24 02:01:30.3, 0.5, 15.80N-145.12E, h0km, mb4.5/25, mb1.4/6/27, mb1mx4.5/48, mbtmp4.5/27, MJA.1/2, MS4.2/7, Ms1.4/2.7, ms1mx3.8/48, Error ellipse: s-maj=18.4km s-min=11.5km az=84.0
NEIC 24 02:01:37.0, 1.8, 15.70N-145.08E, h14.97E, 0.0, h50km, 5km, mb5.0/100, Error ellipse: s-maj=11.5km s-min=9.5km az=199.0
ISC 24 02:01:35.3, 0.3, 15.70N-145.05E, h35km, h083, m182, a+19.1/55, mb5.0/74, MS4.5/11, IC, Mariana Islands

2014 DEC

Table with columns: BRG, comp, Z, 8.6nm, 0.7s, baz=40, slow=12, SNR=4.1, etc. Lists various meteorological data points.

1158

Table with columns: BRG, comp, Z, 15nm, 1.0s, etc. Lists various meteorological data points.

24h 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like BIM, FDF, ILM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like PUK, PHP, BCI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like TIR, TAV1, OSSC, etc.

2014 DEC

Table with columns: PII, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like Pisa, comp=N,38m,0.9s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like IDC 24 02:28:37.2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like IDC 24 02:34:55.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like IDC 24 02:36:02.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like IDC 24 02:36:07.4, etc.

1160

Large table with columns: SNA, Station Name, Az, Phase ID, Time, Res, and various station details. Includes stations like SNA, VNA3, MMRI, etc.

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

IDC 24 02:37:33.0, 1.0, 56.50S, 148.22E, h0km, mb4.3/7, mb1 4.4/7, mb1mx4.2/38, mbtmp4.3/7, MS4.9/1, Ms1 4.9/1, ms1mx3.8/23, Error ellipse: s-maj=58.9km s-min=18.7km az=79.0

NEIC 24 02:37:35.1, 1.6, 56.6S, 0.1, 147.8E, 0.3, h10km, 1km, mb4.6/13, Error ellipse: s-maj=27.8km s-min=19.5km az=96.0

ISC 24 02:37:34.9, 0.6, 56.59S, 0.1, 147.9E, 0.2, h10km, n50, s101/47, mb4.5/11, West of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOO, Vnda, TUWZ, STKA, BBOO, etc.

IDC 24 02:47:37.0, 1.5, 6.37S, 149.31E, h43km, 13km, mb4.0/12, mb1 4.2/15, mb1mx3.9/40, mbtmp4.3/15, ML3.5/1, MS3.6/2, Ms1 3.6/2, ms1mx3.4/38, Error ellipse: s-maj=17.7km s-min=8.6km az=120.0

NEIC 24 02:47:38.4, 1.3, 6.40S, 0.07, 149.32E, 0.08, h59km, 7km, mb4.5/21, Error ellipse: s-maj=11.9km s-min=9.4km az=103.0

DJA 24 02:47:39.0, 0.5, 6.5S, 4.14E, h72km, 6km, M4.8, 8/12

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

IDC 24 02:47:37.0, 1.0, 6.44S, 0.06, 149.39E, 0.07, h49km, n65, s140/69, mb4.4/21, New Britain region

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

IDC 24 02:50:09.8, 2.4, 19.06N, 145.80E, h155km, 24km, mb3.7/14, mb1 3.9/16, mb1mx3.7/48, mbtmp4.1/16, MS4.1/2, Ms1 4.1/2, ms1mx3.5/49, Error ellipse: s-maj=21.7km s-min=11.9km az=86.0

NEIC 24 02:50:10.7, 1.3, 19.10N, 0.04, 145.5E, 0.2, h162km, 7km, mb3.9/50, Error ellipse: s-maj=23.3km s-min=5.1km az=92.0

ISC 24 02:50:10.0, 0.5, 19.12N, 0.06, 145.6E, 0.1, h150km, n76, s090/72, mb4.2/38, Mariana Islands

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

IDC 24 03:20:32.0, 1.8, 1.01N, 124.37E, h0km, mb3.4/3, mb3 3.7/4, mb1mx3.4/45, mbtmp3.5/4, ML3.5/1, MS3.9/1, Ms1 3.9/1, ms1mx3.1/29, Error ellipse: s-maj=127.4km s-min=25.0km az=66.0, Minahassa Peninsula, Sulawesi

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

IDC 24 03:26:53.6, 2.6, 4.90S, 102.68E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/41, mbtmp3.8/7, Error ellipse:

IDC 24 03:26:53.6, 2.6, 4.90S, 102.68E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/41, mbtmp3.8/7, Error ellipse:

IDC 24 03:26:53.6, 2.6, 4.90S, 102.68E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/41, mbtmp3.8/7, Error ellipse:

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, QSPA South Pole Qui, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like MSAL Masohi, BNDI Bandanaira, FAKI Fak Fak, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like STKA Stephens Creek, CMAR Chiang Mai Arr, KSRS Korea Array, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like Vnda Vanda, STKA Stephens Creek, H01W1 Cape Leeuwin H, etc.

Table with columns: MRL, Marmol, 3.20, 96, eP, Pn, 04, 23, 53.9, -0.2, TEIG, Tepich, 6.55, 42, i/S, Pn, 04, 24, 37.4, -2.1, TEIG, 04, 25, 50.8, -2.0. Rows include stations like MEX 24 04:23:04.2-1.1, CGG 24 04:23:04.3-1.0, etc.

24d 5h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like PDGK, DZA, KUU, KK31, etc.

2014 DEC

Main table of seismic events for December 2014, including event details like 'ARCES ARCESS Array B', 'DZC Dobruska-Polom', and 'WEL 24 05:42:42.8, 41.1S, 17.4E'.

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Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like SAUI, FAKI, SIJI, MTN, FITZ, etc.

24d 6h

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KAPI Kappang, BUKP Musuan, WRAB Tennant Creek, etc.

2014 DEC

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like STKA Stephens Creek, STKA Stephens Creek, BBOO Bucklebo, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like CM01 Chiang Mai Arr, CM05 Chiang Mai Arr, CM02 Chiang Mai Arr, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like YSS, KLR, LSA, LSA, LSA, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NIL, SATY, KPKS, KSH, TDK, etc.

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

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include YOTC, CBOC, MARP, MOTO, LPAZ, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include CVDA, MFTR, MFRU, LOT, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include KK31, CHMS, TKM2, etc.

BEU 24 06:18:31.9,0.4, 46.01N,27.85E, h118km,2km, ML3.5/11
BUC 24 06:18:41.9,0.4, 45.69N,26.60E, h136km,4km, mb3.9/34

ICD 24 06:21:58.1, 1.9, 60.68S,26.77W, h0km, mb4.1/3,
mb1.4/2.3, mb1mx3.8/16, mbtpm4.1/3, Error ellipse:
s-maj=73.4km s-min=35.7km az=17.0

WEL 24 06:43:44.1, 4.4, S: 172.7E, 0.7, h6km, mb1.1/4,
ML4.3/7, MLV4.1/74, Error ellipse: s-maj=0.0km
s-min=0.0km az=177.3

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include BISRR, Plostina, VRI, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include ZAPS, VTS, VIT, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include KRBS, MDOK, MDOX, etc.

NEIC 24 06:22:03.6, 0.9, 60.8S, 0.2, 26.8E, h139km, 1km, mb3.1/5
SOF 24 06:18:41.5, 45.82N, 26.48E, h40km, MD3.3
ISC 24 06:18:40.1, 1.3, 45.69N, 0.003, 26.59E, 0.03, h151km, 5km,

ICD 24 06:22:00.9, 0.8, 60.7S, 0.1, 26.8W, 0.2, h19km, n28,
o45/45/28, mb4.5/11, South Sandwich Islands region

NEIC 24 06:43:45.5, 2.0, 43.56S, 0.05, 172.87E, 0.08, h21km, 9km,
Error ellipse: s-maj=1.3km s-min=1.5km az=129.0
ISC 24 06:43:45.0, 0.9, 43.56S, 0.03, 172.80E, 0.03, h14km, 7km,

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include NEHR, ODBI, NEHR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include WNA1, VNA3, VNA2, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include ESDC, TORO, INK, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include OZUR, SECR, TUDR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include CPUR, CO01, AC05, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include ILAR, YKA, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include PGOR, PGOR, DOPR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include PB09, PB07, GO01, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include MOZ, MOZ, OKCZ, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include GISR, GISR, VOIR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include YKA, INK, SONM, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, ISC. Rows include INZ, WVV, THZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRZ Mangatoinaka R, TIWZ Tintock, MSZ Milford Sound, etc.

Induced event
IDC 24 06:47:14.2,5.6,9.47S:119.33E,h64km,58km,mb2.9/1, mb1.3,4/4,mb1mx3.1/39,mbtmp3.4/4,ML3.9/4,Error ellipse: s-maj=42.0km s-min=34.1km az=82.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI Waingapu, BSI Baing, Sumba, PLAI Plampang, etc.

MAN 24 07:15:27.4, 13.90N:120.53E,h191km,mb4.2,ML3.0, MS2.6
IDC 24 07:15:33.7-8.7, 13.74N:120.70E,h262km,95km,mb3.3/6, mb1.3,5/6,mb1mx3.1/39,mbtmp4.0/6,Error ellipse: s-maj=36.7km s-min=13.7km az=69.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUBP Lubang, TGBP Tagaytay City, TGY Tagaytay City, etc.

KOLA 24 07:16:14.7,67.54N:20.23E,h0km
HEL 24 07:16:16.7,0.1,67.21N:20.70E,h0km,ML2.7,Confirmed
Induced event
IDC 24 07:16:16.6,0.9,67.25N:21.26E,h0km,mb1.3,4/4, mb1mx3.2/46,mbtmp3.4/4,ML2.8/3,Error ellipse: s-maj=15.4km s-min=6.9km az=113.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ERTU Ertsjaerv, PAJU Pajala, LANU Lannavaara, etc.

Induced event
IDC 24 06:47:16.3,0.5,10.5S:9.119E,h70km,10km,ML4.0/10, ML4.0/10
ISC 24 06:47:14.2,0.9,9.66S:0.08x119.33E:0.05,h50km,n14, c=279/19,Sumba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI Waingapu, BSI Baing, Sumba, PLAI Plampang, etc.

MAN 24 07:15:27.4, 13.90N:120.53E,h191km,mb4.2,ML3.0, MS2.6
IDC 24 07:15:33.7-8.7, 13.74N:120.70E,h262km,95km,mb3.3/6, mb1.3,5/6,mb1mx3.1/39,mbtmp4.0/6,Error ellipse: s-maj=36.7km s-min=13.7km az=69.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUBP Lubang, TGBP Tagaytay City, TGY Tagaytay City, etc.

KOLA 24 07:16:14.7,67.54N:20.23E,h0km
HEL 24 07:16:16.7,0.1,67.21N:20.70E,h0km,ML2.7,Confirmed
Induced event
IDC 24 07:16:16.6,0.9,67.25N:21.26E,h0km,mb1.3,4/4, mb1mx3.2/46,mbtmp3.4/4,ML2.8/3,Error ellipse: s-maj=15.4km s-min=6.9km az=113.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HFS baz=20,slow=12, HFS baz=25,slow=18, SFAO baz=26,slow=28, etc.

IDC 24 07:21:23.4+7.8,7.13N:94.56E,h0km,mb3.3/3,mb1.3,5/3, mb1mx3.3/38,mbtmp3.3/3,Error ellipse: s-maj=411.3km s-min=28.8km az=58.0,Nicobar Islands

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

IDC 24 07:23:55.8,8.4,25.98S:29.25E,h0km,mb1.2,7/1, mb1mx2.7/34,mbtmp2.8/1,ML2.3/1,Error ellipse: s-maj=88.1km s-min=56.8km az=142.0

ISC 24 07:24:50.2,2.5,26.06S:0.08x29.7E:0.2,h10km,n9, c=206/13,South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LBTB Lobatse, LBTB Lobatse, BOSA Boshof, etc.

SNET 24 07:28:57.8,1.6,13.78N:90.86W,h31km,127km,ML4.1
UCR 24 07:28:58.4,1.9,13.84N:90.84W,h32km,73km,ML4.0
IDC 24 07:28:59.4,2.3,13.86N:90.74W,h93km,21km,mb3.4/6, mb1.3,7/9,mb1mx3.5/40,mbtmp3.8/9,MS3.0/1,Ms1.3,0/1, ms1mx2.6/31,Error ellipse: s-maj=47.7km s-min=16.7km az=40.0

NEIC 24 07:28:59.4,1.8,13.9N:0.1,90.72W,0.05,h84km,99km, mb4.2/43,MD4.1(SNET),Error ellipse: s-maj=15.9km s-min=3.3km az=200.0

GCG 24 07:29:04.2,0.6,14.21N:90.76W,h46km,11km,MD4.2
ISC 24 07:29:57.6,1.1,13.81N:0.07x90.88W:0.06,h70km,n9km, n113,c1910/143,mb4.2/20,Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FUG Fuego 3, PCG Pacaya, NBG Las Nubes, etc.

MAN 24 07:15:27.4, 13.90N:120.53E,h191km,mb4.2,ML3.0, MS2.6
IDC 24 07:15:33.7-8.7, 13.74N:120.70E,h262km,95km,mb3.3/6, mb1.3,5/6,mb1mx3.1/39,mbtmp4.0/6,Error ellipse: s-maj=36.7km s-min=13.7km az=69.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUBP Lubang, TGBP Tagaytay City, TGY Tagaytay City, etc.

KOLA 24 07:16:14.7,67.54N:20.23E,h0km
HEL 24 07:16:16.7,0.1,67.21N:20.70E,h0km,ML2.7,Confirmed
Induced event
IDC 24 07:16:16.6,0.9,67.25N:21.26E,h0km,mb1.3,4/4, mb1mx3.2/46,mbtmp3.4/4,ML2.8/3,Error ellipse: s-maj=15.4km s-min=6.9km az=113.0

24d 8h

Table of station data for the 24d 8h period, including station names, codes, and various parameters like frequency and power.

2014 DEC

Main table of station data for December 2014, listing station names, codes, and detailed parameters such as frequency, power, and location.

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Table of station data for the 1170 frequency band, including station names, codes, and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APSI Amparna, BUKP Musuan, FITZ Fitzroy Crossi, etc.

IDC 24 08:14:34.7z 1.0, 56.635z:150.50W, h0km, mb4.1/5, mb1.4/2.5, mb1mx4.0/29, mbtmp4.1/5, Error ellipse: s-maj=45.9km s-min=26.9km az=17.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GSPA South Pole Qui, STKA Stephens Creek, H03S2 Juan Fernandez, etc.

IDC 24 08:17:47.9z 2.4, 528S:129.59E, h234km, 30km, mb2.7/1, mb1.3/2.5, mb1mx3.0/40, mbtmp3.8/5, Error ellipse: s-maj=60.1km s-min=13.2km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 24 08:26:21.2z 1.0, 56.70S:150.68W, h0km, mb4.0/6, mb1.1/6, mb1mx3.9/33, mbtmp4.0/6, MS3.74, Ms1.3/6.4, ms1mx3.1/30, Error ellipse: s-maj=47.1km s-min=21.7km az=13.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP Villa Florida, ILAR Eielson Array, MKAR Makanchi Array, etc.

IDC 24 08:28:49.4z 8.2, 26.36S:26.79E, h0km, mb1.2/6.1, mb1mx2.6/40, mbtmp2.8/17, M1.1/9.1, Error ellipse: s-maj=83.5km s-min=56.1km az=143.0, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOSA Boshof, BOSA Boshof, I47ZA BOSHOV INFRASO, etc.

IDC 24 08:29:48.6z 1.4, 23.39N:0.1x141.6E:0.3, h150km, n7, +092/8, mb3.6/4, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, JHJ Hachijo jima 2, MJAR Matsushiro Arr, etc.

IDC 24 08:33:20.9z 3.3, 54.44N:86.99E, h0km, mb1.3/0.2, mb1mx2.6/50, mbtmp3.0/2, M2.6/7.2, Error ellipse: s-maj=31.0km s-min=20.2km az=46.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

CRAAG 24 08:42:51.7z 36.46N:3.00E, M12.9, MDD 24 08:42:55.1z 4.2, 36.80N:2.86E, h0km, mb3.6/2, Error ellipse: s-maj=29.0km s-min=15.9km az=139.0, PRXIMO SIN SOLUCION

IDC 24 08:42:52.5z 1.3, 36.55N:0.06x3.16E:0.08, h18km, n9, +0169/13, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ADJB Djebel Djouab, EBNR Beni Rached, ECHA Ech Chlef, etc.

BUI 24 08:44:34.3z 0.0, 25.84S:179.38W, h479km, mb5.2/24, mb4.9/40

IDC 24 08:44:35.6z 0.6, 25.84S:179.99W, h454km, 6km, mb4.3/19, mb1.4/2.2, mb1mx4.3/30, mbtmp5.1/22, Error ellipse: s-maj=10.0km s-min=9.1km az=86.0

NEIC 24 08:44:35.1z 2.2, 25.86S:0.09x179.8W:0.1, h469km, 6km, mb5.0/55, Error ellipse: s-maj=15.8km s-min=12.7km az=111.0

BGR 24 08:44:39.9z 0.0, 25.35S:178.67W, h500km, n304, +0433/327, mb7.9/99, 18C-4D, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ 24nm,0.3s, baz=69, slow=5.0, SNR=48, URZ Urewera, MWZ Matawai, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANVU Sarauoutu, MSWZ Moikau Station, SNZO South Karori, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Fira-Santorini, Santorini-Mono, Thira Island, etc.

TAP 24 09:57:26.3, 24°26'N, 121°54'E, h33km, 1km, ML1.7, A,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Nioudou, Neicheng, Datong Townshi, Suao, etc.

TAP 24 09:57:36.9, 24°21'N, 120°55'E, h14km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Taichung City, Guoxing, Tech, etc.

DJA 24 10:07:27.1, 1°N, 8°9'E, h13km, 9km, M3.5/7, MLV3.57

mb1mx3.4/4.3, mbtmp3.4/6, ML2.8/1, MS3.1/1, Mst 3.1/1, ms1mx2.5/3.0, Error ellipse: s-maj=56.8km s-min=22.2km az=60.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gunungsitoli, Sinabang, Aceh, etc.

MEX 24 11:01:20.3, 0.9, 14°34'N, 94°25'W, h20km, MD4.2

NEIC 24 11:01:24.6, 3.0, 14°35'N, 97°94'00W, 0.08, h32km, 12km, Error ellipse: s-maj=14.1km s-min=5.7km az=46.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Comitan, Matias Romero, etc.

IDC 24 11:01:45.4, 0.9, 35°59'N, 138°98'E, h125km, 7km, mb3.3/9, mb1 3.6/10, mb1mx3.3/5.6, mbtmp3.7/10, Error ellipse: s-maj=26.3km s-min=13.7km az=81.0

JMA 24 11:01:46.2, 0.1, 35°76'N, 139°13'E, h122km, 1km, M3.2

ISC 24 11:01:45.7, 0.7, 35°77'N, 139°06'E, h139.09E, 0.07, h125km, 5km, n21, c0774/30, mb3.6/9, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hanno, Sagamiharawaka, Ryogami san, etc.

IDC 24 11:02:23.9, 1.5, 48°42'S, 125°53'E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.5/2.8, mbtmp3.7/3, MS3.4/10, Mst 3.4/10, ms1mx3.2/3.0, Error ellipse: s-maj=504.3km s-min=27.1km az=108.0, Western Indian-Antarctic

Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Cape Leeuwin, Narrogin (SRO), Stephens Creek, etc.

THE 24 11:14:16.8, 38°39'N, 20°45'E, h10km, 1km, ML2.9/9, Error ellipse: s-maj=1.2km s-min=0.3km az=120.0

ATH 24 11:14:16.6, 38°38'N, 20°48'E, h13km, 1km, ML2.2/18, Error ellipse: s-maj=1.7km s-min=0.6km az=263.0

ISC 24 11:14:16.6, 0.8, 38°39'N, 0.01, 20°47'E, 0.03, h11km, 4km, n75, c0548/122, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VASILIKIADES, Fiskardo, Kardakata, etc.

TSLK Tsoukalades, L 0.46 18 P Sg 11 14 25.7 +0.1

| | | | | | |
|-------|---------------------|----------|-----|------------|------------|
| CAPA | comp=N,102um,1.2s | AML | AML | | |
| VULT | comp=E,138um,0.7s | P | Pg | 11 40 27.3 | -2.3 |
| POFI | Monte Vulture | 0.92 146 | P | Pg | |
| POFI | Posta Fibreno | 0.92 270 | ↓P | Pg | 11 40 27.7 |
| POFI | comp=E,11050um,0.8s | AML | AML | | |
| POFI | comp=N,10125um,0.5s | AML | AML | | |
| POFI | comp=N,10050um,1.5s | AML | AML | | |
| POFI | comp=E,11600um,0.8s | AML | AML | | |
| OVO | comp=N,12150um,0.8s | 0.98 205 | P | Pg | 11 40 29.6 |
| MODR | comp=N,10600um,1.0s | 0.98 235 | P | Pg | 11 40 29.4 |
| MODR | comp=N,12150um,0.8s | AML | AML | | |
| VVLD | comp=N,8150um,0.4s | 1.00 279 | P | Pg | 11 40 28.8 |
| VVLD | comp=N,8150um,0.4s | AML | AML | | |
| VVLD | comp=N,8150um,0.4s | AML | AML | | |
| VVLD | comp=N,8150um,0.4s | AML | AML | | |
| VVLD | comp=N,8150um,0.4s | AML | AML | | |
| T0110 | comp=N,31550um,0.5s | 1.00 301 | P | Pg | 11 40 29.3 |
| T0110 | comp=N,24250um,0.4s | AML | AML | | |
| T0110 | comp=N,31550um,0.5s | AML | AML | | |
| MRLC | comp=N,20800um,0.3s | 1.05 157 | P | Pb | 11 40 29.5 |
| VCCL | comp=N,28450um,1.3s | 1.06 310 | ↓P | Pb | 11 40 30.5 |
| VCCL | comp=N,28450um,1.3s | AML | AML | | |
| VCCL | comp=N,28450um,1.3s | AML | AML | | |
| VCCL | comp=N,28450um,1.3s | AML | AML | | |
| PALZ | comp=N,20800um,0.3s | 1.09 135 | P | Pb | 11 40 31.0 |
| FAGN | comp=N,32050um,0.9s | 1.15 299 | P | Pb | 11 40 31.5 |
| FAGN | comp=N,32050um,0.9s | AML | AML | | |
| FAGN | comp=N,32050um,0.9s | AML | AML | | |
| FAGN | comp=N,32050um,0.9s | AML | AML | | |
| FAGN | comp=N,32050um,0.9s | AML | AML | | |
| MRVN | comp=N,7050um,0.8s | 1.15 124 | P | Pb | 11 40 31.8 |
| PTQR | comp=N,8945um,1.1s | 1.19 285 | ↓P | Pb | 11 40 32.1 |
| PTQR | comp=N,7050um,0.8s | AML | AML | | |
| ACER | comp=N,16100um,1.6s | 1.20 141 | P | Pn | 11 40 32.1 |
| GUAR | comp=N,16100um,1.6s | 1.22 274 | ↑P | Pn | 11 40 32.6 |
| GUAR | comp=N,16100um,1.6s | AML | AML | | |
| CDRU | comp=N,6035um,1.1s | 1.26 167 | P | Pn | 11 40 33.5 |
| GIUL | comp=N,6035um,1.1s | 1.27 263 | ↑P | Pn | 11 40 34.2 |
| GIUL | comp=N,6035um,1.1s | AML | AML | | |
| AQU | comp=N,5375um,1.5s | 1.31 299 | P | Pn | 11 40 34.5 |
| AQU | comp=N,5375um,1.5s | 1.31 299 | ePn | Pn | 11 40 33.9 |
| AQU | comp=N,5375um,1.5s | 1.31 299 | P | Pn | 11 40 34.5 |
| TERO | comp=N,5375um,1.5s | 1.34 313 | P | Pn | 11 40 34.8 |
| TERO | comp=N,5375um,1.5s | AML | AML | | |
| TERO | comp=N,5375um,1.5s | AML | AML | | |
| TERO | comp=N,5375um,1.5s | AML | AML | | |
| TERO | comp=N,5375um,1.5s | AML | AML | | |
| CAMP | comp=N,4800um,1.5s | 1.40 306 | ↓P | Pn | 11 40 35.7 |
| CAMP | comp=N,4800um,1.5s | AML | AML | | |
| CAMP | comp=N,4800um,1.5s | AML | AML | | |
| CMPR | comp=N,4800um,1.5s | 1.43 169 | S | Pn | 11 40 36.0 |
| SLCN | comp=N,4800um,1.5s | 1.43 158 | P | Pn | 11 40 36.5 |
| FIAM | comp=N,4800um,1.5s | 1.47 293 | ↓P | Pn | 11 40 36.4 |
| FIAM | comp=N,4800um,1.5s | AML | AML | | |
| CERT | comp=N,4800um,1.5s | 1.48 280 | ↓P | Pn | 11 40 36.6 |
| CERT | comp=N,4800um,1.5s | AML | AML | | |
| CERT | comp=N,4800um,1.5s | AML | AML | | |
| AMUR | comp=N,4800um,1.5s | 1.49 122 | P | Pn | 11 40 37.4 |
| RCAV | comp=N,4800um,1.5s | 1.50 276 | P | Pn | 11 40 37.2 |
| RCAV | comp=N,4800um,1.5s | AML | AML | | |
| LATB | comp=N,4800um,1.5s | 1.50 262 | ↑P | Pn | 11 40 37.9 |
| LATB | comp=N,4800um,1.5s | AML | AML | | |
| LATB | comp=N,4800um,1.5s | AML | AML | | |
| SM1 | comp=N,4800um,1.5s | 1.50 308 | ↑P | Pn | 11 40 37.5 |
| SM1 | comp=N,4800um,1.5s | AML | AML | | |
| SM1 | comp=N,4800um,1.5s | AML | AML | | |
| RM33 | comp=N,4800um,1.5s | 1.51 302 | P | Pn | 11 40 37.5 |
| RM33 | comp=N,4800um,1.5s | AML | AML | | |
| RM33 | comp=N,4800um,1.5s | AML | AML | | |
| OFFI | comp=N,4800um,1.5s | 1.53 323 | P | Pb | 11 40 39.7 |
| OFFI | comp=N,4800um,1.5s | AML | AML | | |
| OFFI | comp=N,4800um,1.5s | AML | AML | | |
| OFFI | comp=N,4800um,1.5s | AML | AML | | |
| GUMA | comp=N,4800um,1.5s | 1.54 331 | ↓P | Pg | 11 40 43.8 |
| GUMA | comp=N,4800um,1.5s | AML | AML | | |
| GUMA | comp=N,4800um,1.5s | AML | AML | | |
| GUMA | comp=N,4800um,1.5s | AML | AML | | |
| GUMA | comp=N,4800um,1.5s | AML | AML | | |
| MCEL | comp=N,4800um,1.5s | 1.54 155 | P | Pn | 11 40 37.8 |
| MELN | comp=N,4800um,1.5s | 1.58 157 | P | Pn | 11 40 38.5 |
| BAI | comp=N,4800um,1.5s | 1.58 112 | ↑Pn | Pn | 11 40 38.7 |
| BAI | comp=N,4800um,1.5s | 1.59 134 | P | Pn | 11 40 38.9 |
| MIGL | comp=N,4800um,1.5s | 1.59 134 | P | Pn | 11 40 38.9 |
| VIVA | comp=N,4800um,1.5s | 1.62 272 | P | Pb | 11 40 40.7 |
| VIVA | comp=N,4800um,1.5s | AML | AML | | |
| VIVA | comp=N,4800um,1.5s | AML | AML | | |
| MGR | comp=N,4800um,1.5s | 1.65 163 | P | Pn | 11 40 39.8 |
| RDP | comp=N,4800um,1.5s | 1.66 272 | ↓P | Pb | 11 40 41.6 |
| RDP | comp=N,4800um,1.5s | AML | AML | | |
| LNSS | comp=N,4800um,1.5s | 1.67 303 | ↑P | Pn | 11 40 39.9 |
| LNSS | comp=N,4800um,1.5s | AML | AML | | |
| LNSS | comp=N,4800um,1.5s | AML | AML | | |
| MTCE | comp=N,4800um,1.5s | 1.67 281 | P | Pn | 11 40 40.2 |
| MTCE | comp=N,4800um,1.5s | AML | AML | | |

| | | | | | |
|------|--------------------|----------|-----|----|------------|
| MTCE | comp=N,3390um,0.7s | AML | AML | | |
| BULG | comp=E,4380um,1.4s | 1.67 168 | P | Pb | 11 40 40.1 |
| RMP | Bulgheria - Ca | 1.68 274 | ↓P | Pb | 11 40 41.9 |
| RMP | Rome, Mte Porz | AML | AML | | |
| RMP | comp=E,4570um,1.0s | AML | AML | | |
| SIRI | comp=N,5185um,1.2s | 1.69 155 | P | Pn | 11 40 40.1 |
| MATE | comp=N,5185um,1.2s | 1.71 128 | ↓P | Pn | 11 40 40.5 |
| MATE | comp=N,5185um,1.2s | 1.71 128 | P | Pn | 11 40 40.4 |
| SCHR | comp=N,5185um,1.2s | 1.75 150 | P | Pn | 11 40 40.5 |
| NRCA | comp=N,5185um,1.2s | 1.75 310 | P | Pb | 11 40 42.8 |
| NRCA | comp=N,5185um,1.2s | 1.75 310 | ↓P | Pb | 11 40 43.1 |
| NRCA | comp=N,5185um,1.2s | AML | AML | | |
| NRCA | comp=N,5185um,1.2s | AML | AML | | |
| NRCA | comp=N,5185um,1.2s | AML | AML | | |
| NRCA | comp=N,5185um,1.2s | AML | AML | | |
| CRAC | comp=N,6965um,0.6s | 1.76 140 | P | Pn | 11 40 41.2 |
| CUC | comp=N,6965um,0.6s | 1.85 159 | S | Pn | 11 40 43.0 |
| NOCI | comp=N,6965um,0.6s | 1.85 119 | P | Pn | 11 40 42.5 |
| FDMO | comp=N,6965um,0.6s | 1.90 314 | ↑P | Pn | 11 40 44.1 |
| FDMO | comp=N,6965um,0.6s | AML | AML | | |
| FDMO | comp=N,6965um,0.6s | AML | AML | | |
| FDMO | comp=N,6965um,0.6s | AML | AML | | |
| FDMO | comp=N,6965um,0.6s | AML | AML | | |
| CESX | comp=N,3000um,0.9s | 1.97 298 | P | Pb | 11 40 46.1 |
| CESX | comp=N,3000um,0.9s | AML | AML | | |
| CESX | comp=N,3000um,0.9s | AML | AML | | |
| CESI | comp=N,3000um,0.9s | 1.98 311 | ↓P | Pb | 11 40 46.0 |
| CESI | comp=N,3000um,0.9s | AML | AML | | |
| CESI | comp=N,3000um,0.9s | AML | AML | | |
| CESI | comp=N,3000um,0.9s | AML | AML | | |
| CING | comp=N,3000um,0.9s | 2.10 323 | ↓P | Pn | 11 40 47.2 |
| CING | comp=N,3000um,0.9s | AML | AML | | |
| CING | comp=N,3000um,0.9s | AML | AML | | |
| CING | comp=N,3000um,0.9s | AML | AML | | |
| SALB | comp=N,3000um,0.9s | 2.13 149 | S | Pn | 11 40 47.0 |
| SNTG | comp=N,3000um,0.9s | 2.13 317 | ↓P | Pb | 11 40 48.4 |
| SNTG | comp=N,3000um,0.9s | AML | AML | | |
| SNTG | comp=N,3000um,0.9s | AML | AML | | |
| SNTG | comp=N,3000um,0.9s | AML | AML | | |
| SNTG | comp=N,3000um,0.9s | AML | AML | | |
| TARI | comp=N,3000um,0.9s | 2.13 123 | ↑Pn | Pn | 11 40 46.5 |
| TARI | comp=N,3000um,0.9s | 2.13 123 | ↓Pn | Pn | 11 41 20.9 |
| CGLI | comp=N,3000um,0.9s | 2.19 118 | ↑Pn | Pn | 11 40 47.3 |
| CGLI | comp=N,3000um,0.9s | 2.25 311 | ↓P | Pb | 11 41 22.0 |
| ATCC | comp=N,3000um,0.9s | AML | AML | | |
| ATCC | comp=N,3000um,0.9s | AML | AML | | |
| ARVD | comp=N,3000um,0.9s | 2.31 321 | P | Pn | 11 40 50.2 |
| ARVD | comp=N,3000um,0.9s | AML | AML | | |
| ARVD | comp=N,3000um,0.9s | AML | AML | | |
| ARVD | comp=N,3000um,0.9s | AML | AML | | |
| TDS | comp=N,3000um,0.9s | 2.32 152 | S | Pb | 11 40 52.0 |
| SSFR | comp=N,3000um,0.9s | 2.34 318 | ↑P | Pb | 11 40 51.3 |
| SSFR | comp=N,3000um,0.9s | AML | AML | | |
| SSFR | comp=N,3000um,0.9s | AML | AML | | |
| SSFR | comp=N,3000um,0.9s | AML | AML | | |
| SSFR | comp=N,3000um,0.9s | AML | AML | | |
| STON | comp=N,3000um,0.9s | 2.35 60 | ePn | Pb | 11 40 51.7 |
| STON | comp=N,3000um,0.9s | 2.35 60 | ↑Pn | Pn | 11 40 49.3 |
| STON | comp=N,3000um,0.9s | 2.35 60 | P | Pn | 11 40 49.3 |
| STON | comp=N,3000um,0.9s | AML | AML | | |
| STON | comp=N,3000um,0.9s | AML | AML | | |
| MURB | comp=N,3000um,0.9s | 2.36 312 | P | Pn | 11 40 51.4 |
| MURB | comp=N,3000um,0.9s | 2.36 312 | ↓P | Pb | 11 40 51.9 |
| MURB | comp=N,3000um,0.9s | AML | AML | | |
| MURB | comp=N,3000um,0.9s | AML | AML | | |
| MURB | comp=N,3000um,0.9s | AML | AML | | |
| MURB | comp=N,3000um,0.9s | AML | AML | | |
| ATFO | comp=N,3000um,0.9s | 2.40 314 | ↓P | Pb | 11 40 52.2 |
| ATFO | comp=N,3000um,0.9s | AML | AML | | |
| ATFO | comp=N,3000um,0.9s | AML | AML | | |
| MGAB | comp=N,3000um,0.9s | 2.41 301 | ↓P | Pn | 11 40 52.1 |
| MGAB | comp=N,3000um,0.9s | AML | AML | | |
| MGAB | comp=N,3000um,0.9s | AML | AML | | |
| MGAB | comp=N,3000um,0.9s | AML | AML | | |
| MGAB | comp=N,3000um,0.9s | AML | AML | | |
| ATTE | comp=N,3000um,0.9s | 2.42 309 | ↓P | Pb | 11 40 52.5 |
| ATTE | comp=N,3000um,0.9s | AML | AML | | |
| ATTE | comp=N,3000um,0.9s | AML | AML | | |
| MPAG | comp=N,3000um,0.9s | 2.50 321 | ↓P | Pn | 11 40 52.8 |
| MPAG | comp=N,3000um,0.9s | AML | AML | | |
| MPAG | comp=N,3000um,0.9s | AML | AML | | |
| LATE | comp=N,3000um,0.9s | 2.50 292 | P | Pn | 11 40 52.0 |
| LATE | comp=N,3000um,0.9s | 2.50 292 | P | Pn | 11 40 53.3 |
| LATE | comp=N,3000um,0.9s | AML | AML | | |
| LATE | comp=N,3000um,0.9s | AML | AML | | |
| LATE | comp=N,3000um,0.9s | AML | AML | | |
| ATVO | comp=N,3000um,0.9s | 2.50 312 | ↑P | Pn | 11 40 53.4 |
| ATVO | comp=N,3000um,0.9s | AML | AML | | |
| ATVO | comp=N,3000um,0.9s | AML | AML | | |
| SACS | comp=N,3000um,0.9s | 2.52 298 | P | Pn | 11 40 5 |

24d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MCSR Castoreale, MCSR comp=E,327um,0.4s, MCSR comp=N,322um,0.3s, etc.

2014 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SABO Mite Sabotino, TEKS Tekeris, TEKS Tekeris, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVOX Davos/Dischmat, DAVOX comp=Z,10nm,0.3s, DAVOX comp=Z,8.5nm,0.3s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KHZ Kahutara, MSVF Nonausu, DZM Mont Dzumac, etc.

WEL 24 11:48:27.0±0.7, 45°45'±16'7E, h5km, M2.8/9, ML2.9/9, ML1.2/8.9, Error ellipse: s-maj=0.0km s-min=0.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, MLZ Mavora Lakes, etc.

WEL 24 12:13:53.5±1.1, 48°08'S×123°85'E, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.9/32, mbtmp3.9/7, ML 1.9/1, Error ellipse: s-maj=47.2km s-min=20.7km az=101.0

ISC 24 12:13:54.9±1.0, 48.8S:01x123.9E:0.2, h10km, n11, +630.0, mb3.8/6, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, YKA Yellowknife Arr, etc.

ISC 24 12:14:21.6±3.8, 48°60'S×123°11'E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/31, mbtmp3.6/3, Error ellipse: s-maj=124.8km s-min=68.5km az=116.0, Western Indian-Antarctic Ridge

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

ISC 24 12:14:58.3±4.1, 48°62'S×123°48'E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.7/30, mbtmp3.8/3, Error ellipse: s-maj=123.2km s-min=72.4km az=113.0, Western Indian-Antarctic Ridge

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

ISC 24 12:15:22.2±0.8, 48°75'S×123°87'E, h0km, mb4.0/6, mb1 4.2/7, mb1mx4.0/32, mbtmp4.1/7, ML2.0/1, MS3.4/1, MS1 3.4/1, ms1mx3.1/11, Error ellipse: s-maj=47.6km s-min=19.3km az=103.0

NEIC 24 12:15:23.1±1.3, 48.8S:01x124.0E:0.3, h10km, 1km, mb4.4/12, Error ellipse: s-maj=33.5km s-min=17.5km

ISC 24 12:15:23.0±0.6, 48.77S:009.124E:0.2, h10km, n29, +676/24, mb4.2/8, Western Indian-Antarctic Ridge

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

WEL 24 11:48:27.0±0.7, 45°45'±16'7E, h5km, M2.8/9, ML2.9/9, ML1.2/8.9, Error ellipse: s-maj=0.0km s-min=0.0km

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

ISC 24 12:45:44.4±5.8, 77°16'N×132°41'E, h0km, mb3.5/7, mb1 3.9/7, mb1mx3.5/37, mbtmp3.5/7, Error ellipse: s-maj=159.4km s-min=32.8km az=10.0

ISC 24 12:45:46.0±5.1, 77.2N:0.9x132.4E:0.2, h10km, n7, +671/17, mb3.6/7, Laptev Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like INK Inuvik, ILAR Eielson Array, YKA Yellowknife Arr, etc.

ISC 24 13:03:09.7±0.5, 48°73'S×123°86'E, h0km, mb4.5/15, mb1 4.6/16, mb1mx4.5/30, mbtmp4.5/16, ML2.8/1, MS4.1/12, MS1 4.1/12, ms1mx4.1/14, Error ellipse: s-maj=23.8km s-min=12.7km az=101.0

GCMT 24 13:03:09.7±0.5, 48°73'S:01x124°08'E:0.05, h12km, 1km, MW5:0.89, Moment Tensor Solution, 0.33, c39; s89, c126; Duration: 0 Moment Tensor: Scale: 1.016Nm; Mw: 3.2, 1.8; Mww: 10.1; Mww: 0.02; M1: Mw: 0.5; M2: Mw: 0.9; M3: Mw: 1.7; 4.1; Best double couple: Mw: 4.07800x10^16 NP1: 0.55, 0.00000, 0.30, 0.00000, -1.56, 0.00000; NP2: 0.246, 0.00000, 0.85, 0.00000, -1.08, 0.00000; Principal axes: T 3.8120, Plg18.00000, Azm350.00000; N 0.5240, Plg17.00000, Azm254.00000; P -4.3450, Plg65.00000, Azm125.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 24 13:03:10.3±2.1, 48.78S:01x123.9E:0.2, h13km, 4km, mb4.7/30, Error ellipse: s-maj=18.4km s-min=14.2km az=100.0

ISC 24 13:03:09.3±1.7, 48.79S:007x123°87'E:0.10, h3km, 10km, 10km

n89, +157/78, mb4.6/28, MS4.2/13, Western Indian-Antarctic Ridge

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

24d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BRVK Borovoye, TIXI Tiksi, GSTR Great Sitkin, etc.

NNC 24 13:53:17.9-2.4, 36.98N:71.22E, h0km, mb4.5, mpv4.3, Error ellipse: s-maj=23.6km s-min=12.9km az=158.0, IDC 24 13:53:17.6-2.9, 36.942N:71.47E, h149km, 25km, mb3.8/20, mb1.3/9.27, mb1mx3.7/49, mbtm4.3/27, Error ellipse: s-maj=19.5km s-min=12.3km az=4.0, BUJ 24 13:53:20.0-0.0, 36.81N:71.40E, h162km, mb4.8/14, mb4.4/18, NEIC 24 13:53:20.6-1.3, 36.72N:0.05-71.33E:0.09, h163km, 6km, mb4.4/54, Error ellipse: s-maj=10.8km s-min=6.5km az=114.0, ISC 24 13:53:18.6-0.4, 36.58N:0.04-71.35E:0.04, h150km, n175, c177/187, mb4.3/56, 19C-15D, Afghanistan-Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KBL Kabul, NTL Nilore, BTK Batken, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, GKN Gorkha, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like TRI, KBA Koenlbreinsper, ZOU Zoulan, etc.

IDC 24 14:08:19.9-9.5, 172.22N:176.35E, h0km, mb3.4/6, mb1.3/6.6, mb1mx3.4/67, mbtm3.4/6, Error ellipse: s-maj=19.4km s-min=5.3km az=78.0, AEIC 24 14:08:41.0-6.5, 167.61N:0.06-178.41E:0.08, h77km, 4km, ML3-2/22, Error ellipse: s-maj=8.6km s-min=6.2km az=207.0

ISC 24 14:08:40.5-1.1, 51.77N:0.1-178.46E:0.06, h82km, 6km, n23, c047/28, mb3.4/6, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like LSSE Little Sitkin, LSSA Little Sitkin, etc.

TAP 24 14:09:46.0, 24.01N:122.50E, h28km, 1km, ML2.8, D ISC 24 14:09:45.8-0.2, 23.99N:122.49E, h24km, M1.8 JMA 24 14:09:45.8-1.2, 23.96N:103.122E:0.02, h23km, 13km, n51, c087/89, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YOJ, ENAH, ENA, TWD, NACB, TWC, ETHL, ET LH, ESL, EGFH, EG FH, TWE, ENT T, HGSD, NDT, NNSB, NNS, EHY, EHY, FUSS, IRIF, CHGB, NWLT, YULB, YULB, EYUL, TWT, TWF1, TDCB, TDCB, FULB, CHKT, SSLB, DPDB, DPDB, WHP, SMLT, LIOB, LIOB, NSTT, JIJ, ELDTW, ELDTW, ALS, ALS, WJS, WJS, WNT, WNT, WNT, TCU, CHN5, CHN5, TWGB, JISG, STYT, STYT, WDLH, TPUB, TPUB, WTP, WTP, RLNB, TWK, TWK.

Code Station Name Azimuth Elevation Phase ID Time Residual
FITZ Fitzroy Crossi 10.69 201 P Pn 14 12 37.5 +0.1
FITZ FITZ 0.1nm,0.3s,baz=18,slow=11,SNR=5.4 S S 14 14 37.3 +1.9
WRA Warramunga Arr 12.66 159 P Pn 14 13 03.5 -0.2
WRA WRA 0.1nm,0.3s,baz=335,slow=14,SNR=6.0 S S 14 15 20.2 -3.3
ASAR Alice Springs 16.07 166 P P 14 13 47.6 +0.3
ASAR ASAR 0.1nm,0.3s,baz=344,slow=9.3,SNR=9.7 S S 14 16 46.7 -1.2
MKAR Makanchi Array 68.88 327 P P 14 20 58.5 -0.1
MKAR MKAR 0.0nm,0.3s,baz=346,slow=26,SNR=1.6 P P 14 20 58.5 -0.1
MKAR MKAR 0.1nm,0.5s,baz=130,slow=5.8,SNR=2.1 P P 14 20 58.5 -0.1

JMA 24 14:10:07.7:13.0,8.065x129.58E,h128km,146km
TAP 24 14:10:09.1,24.04N,122.48E,h28km,ML3.1,D
ISC 24 14:10:08.4:1.0,23.98N,0.02:122.51E:0.02,h32km,11km,
n89,e092/151,Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JYNG, YOJ, ENAH, ENAH, HWA, HWA, ENA, ENA, TWD, TWD, NACB, NACB, TWC, TWC, ETHL, ETHL, ESL, ESL, EGFH, EGFH, ILA, ILA, TWE, TWE, NTC, NTC, ENTT, ENTT, NDT, NDT, HGSD, HGSD, NNSB, NNSB, NNS, NNS, NNS, NNS, TIPB, TIPB, IRIF, IRIF, FUSS, FUSS, EHY, EHY, EHY, EHY, HATJ, HATJ, NWLT, NWLT, CHGB, CHGB, YHNB, YHNB, YHNB, YHNB, TWT, TWT, NSK, NSK, NSK, NSK, YULB, YULB, YULB, YULB, TDCB, TDCB, WNF, WNF, WFSB, WFSB, TWF1, TWF1, TWF1, TWF1, TWA, TWA, TATO, TATO, FULB, FULB, FULB, FULB, CHKT, CHKT.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CHKT, JKRS, WPL, YMO1, YMO1, YMO1, DPDB, YMO1, YMO1, YMO1, YMO1, YMO1, YMO1, YMO5, YMO5, WHP, WHP, WHP, YMO8, YMO8, YMO8, YMO8, YMO4, YMO4, SMLT, SMLT, SMLT, YMO3, YMO3, TWS1, LIOB, NSTT, TWY, JIJ, ELDTW, ELDTW, ALS, ALS, WJS, WJS, WNT, WNT, WNT, WNT, TCU, CHN5, CHN5, TWGB, TWGB, JISG, TWG, TWG, TWG, WCHI, STYT, STYT, WGT, WGT, WGT, WDLH, WDLH, TPUB, TPUB, TPUB, WTP, WTP, CHN2, WTK, WTK, RLNB, RLNB, CHY, SLGT, SLGT, SLGT, SGST, SGST, CHN1, CHN1, TWK, TWK, ECL, ECL, ECL, SNST, SNST, SSD, SSD, SSD, WSF, LAY, TSMG, TSMG, SCST, SCST.

Code Station Name Azimuth Elevation Phase ID Time Residual
JMA 24 14:26:23.9:4.0,30.86Nx141.26E,h0km,mb3.4/3,
mb1 3.6/4,mb1mx3.4/37,mbtmp3.3/4,ML2.5/1,Error
ellipse: s-maj=159.7km s-min=24.6km az=71.0,
South east of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MJAR, MKAR, MKAR.

24h 15h

WRA Warramunga Arr 50.94 188 P P 14 35 27.1 0.0
ASAR Alice Springs 54.67 188 P P 14 35 54.5 -0.3

WEL 24 14:30:32.6, 43'S, 29°17'1"E, h11km, 24km, M2.0/5,
ML2.1/5, MLV2.0/5, Error ellipse: s-maj=0.0km
s-min=0.0km az=179.7, South Island

NEIC 24 14:31:38.5±0.8, 14.775°S, 0.10663E±0.1, h10km, 2km,
mb4.1/6, Error ellipse: s-maj=23.7km s-min=6.6km
az=47.0

ICD 24 14:41:44.7±13.0, 15°39'S, 165°60'E, h0km, mb3.9/3,
mb1.4/0.4, mb1mx3.6/33, mbtmp3.8/4, ML3.1/1, MS3.4/1,
Ms1.3/4.1, ms1mx2.5/37, Error ellipse: s-maj=237.3km
s-min=35.8km az=65

ISC 24 14:31:42.0±1.2, 14.93°S, 0.116630E±0.09, h36km, n12,
c1841/13, mb3.9/7, Vanuatu Islands

Code Station Name Δ° AZ° Phase ID Time Res
SANVU Saraoutou 1.03 123 Pg Op 14 31 59.7 -0.2
DZM Mt Dzumac 7.14 179 Pn Pn 14 33 24.6 +0.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

WRA Warramunga Arr 30.88 256 P P 14 37 55.9 +0.6
AS31 Alice Springs 31.74 249 P P 14 38 03.9 +1.0

ASAR Alice Springs 31.74 249 P P 14 38 03.5 +0.7
FITZ Fitzroy Crossi 39.06 260 P P 14 39 07.3 +1.5

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PB03 I/S Sn 15 31 00.9 -0.3
PB03 IAML Sn 15 31 02.0

HMBC Humberstone 1.47 304 I/P Sn Pn 15 30 41.5 +0.2
HMBC I/S Pn 15 31 02.1 0.0

PATCX Punta Patache 1.48 281 eP Pn 15 30 42.0 +0.5
PATCX eS Pn 15 31 02.1 -0.3

LVC Limon Verde 1.52 191 eP Pn 15 30 43.0 +0.9
LVC I/S Pn 15 31 03.4

LVC Limon Verde 1.52 191 I/P Pn 15 30 43.1 +0.9
LVC I/S Pn 15 31 04.5 +1.0

LVC Limon Verde 1.52 191 eP Pn 15 30 43.0 +0.9
LVC I/S Pn 15 31 04.5 +1.0

G001 Chusmiza 1.54 339 I/P Pn 15 30 43.6 +1.0
G001 IAML Pn 15 31 07.7

TA01 Diego Aracena 1.58 290 I/P Pn 15 30 42.6 +0.2
TA01 I/S Pn 15 31 03.9 -0.3

TA02 Huauiqueu 1.67 300 eP Pn 15 30 43.7 +0.3
TA02 eS Pn 15 31 05.5 -0.0

IPOC Station P 1.67 323 I/P Pn 15 30 44.1 +0.4
PB11 I/S Pn 15 31 06.3 -0.2

IPOC Station P 1.89 230 I/P Pn 15 30 46.3 0.0
PB04 I/S Pn 15 31 11.2 +0.1

PSGC Pisagua 2.08 316 I/P Pn 15 30 48.5 -0.2
NMNC eS Pn 15 31 14.0 -1.2

IPOC Station P 2.28 220 eP Pn 15 30 51.2 0.0
IPOC Station P 2.90 343 eP Pn 15 31 01.2 +1.7

IPOC Station P 3.00 217 eP Pn 15 31 00.0 -0.2
Mina Guanaco 4.13 193 eP Pn 15 31 15.0 -0.5

La Pa 4.82 5 eP Pn 15 31 27.6 +2.5
SIV Santa Ignacio 8.77 56 P Pn 15 32 15.5 -2.2

Pontes e Lacer 10.60 59 eP Pn 15 32 40.8 -1.6
Pungu 11.41 46 I/S Pn 15 32 52.0 -1.4

Extrema 11.47 12 eP Pn 15 32 52.6 -1.4
Samuel 13.17 24 eP Pn 15 33 15.4 -0.9

Ponte de Pedra 13.41 77 eP Pn 15 33 17.8 -1.5
Terrica 14.90 99 eP Pn 15 33 38.3 -2.7

Concordia 16.21 115 eP Pn 15 33 55.3 0.0
Caacava Do Su 16.48 127 eP Pn 15 33 54.4 +1.1

Fartura 17.76 101 eP Pn 15 34 13.7 +0.2
Serra Nova Dou 18.90 64 eP Pn 15 34 25.4 -1.6

Novo Progresso 18.96 44 eP Pn 15 34 25.6 -0.1
Ipameri, GO 19.64 84 eP Pn 15 34 32.3 -1.3

Paso Flores 19.63 164 eP Pn 15 34 34.4 -0.9
Itaituba 20.82 39 eP Pn 15 34 45.0 -0.7

Santa Maria do 23.63 62 eP Pn 15 35 14.5 +0.5
Monte Alegre 23.70 38 eP Pn 15 35 15.0 +0.4

Januaria 23.84 79 eP Pn 15 35 16.1 +0.1
SAO DESIDERIO 24.26 73 eP Pn 15 35 27.3 +1.5

Macapa, AP 26.20 40 eP Pn 15 35 38.3 +1.1
Torodi Ar. Bea 76.95 70 P Pn 15 40 05.4 +0.7

Alice Springs 130.39 207 PKI PKIKP 15 49 12.1 +0.7
WRA Warramunga Arr 133.42 210 PKP PKIKP 15 49 17.9 +0.3

Makar Makanchi Array 145.15 36 PKPbc PKPpdf 15 49 38.6 +1.8
ICD 24 15:41:19.5±1.4, 43°24'N, 20°88'E, h0km, mb3.7/6,

MOS 24 15:41:20.0±0.4, 43°27'N, 20°88'E, h0km, mb3.7/6,
ML3.5/12, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

PRU 24 15:41:20.0±0.4, 43°17'N, 20°77'E, h8km, M4.3,
LDG 24 15:41:20.3±0.1, 43°28'N, 20°80'E, h10km, M3.9/3, Error

MOS 24 15:41:20.0±0.4, 43°31'N, 20°81'E, h16km, mb4.0/7, Error
ellipse: s-maj=5.0km s-min=2.9km az=97.2

NEIC 24 15:41:21.7±2.0, 43°28'N, 0.042083E±0.05, h10km, 1km,
mb4.3/6, ML3.9(BEC), ML3.8(PDG), ML4.0(VIE),
ML4.3(BUC), Error ellipse: s-maj=6.9km s-min=6.0km
az=230.0

BEO 24 15:41:21.2±0.2, 43°25'N, 20°87'E, h4km, 2km, ML3.8/18
THE 24 15:41:24.8, 43°18'N, 20°94'E, h13km, 22km, ML3.6/2, Error
ellipse: s-maj=22.9km s-min=9.9km az=0.0

ISC 24 15:41:20.7±1.1, 43°25'N, 0.022085E±0.01, h2km, 7km,
n404, c1841/33, mb3.8/10, 62C-30D, Northwestern
Balkan Peninsula

SELS Selova 2.00 98 Op Pn 15 41 24.5 -0.1
SELS eS Pn 15 41 27.8 +0.7

SJES Sjenica 0.64 272 eS Pn 15 41 24.2 -0.6
SJES eS Pn 15 41 43.1 +1.7

SJES Sjenica 0.64 272 I/P Pn 15 41 31.9 -1.1
GRUS Gruza 0.65 351 eP Pn 15 41 32.9 -0.3

GRUS Gruza 0.65 351 eP Pn 15 41 32.9 -0.3
BOVS Bovan 0.73 58 eP Pn 15 41 43.8 -0.5

BOVS Bovan 0.73 58 eP Pn 15 41 43.8 -0.5
IVA Berane 0.80 242 eP Pn 15 41 34.9 -1.1

IVA Berane 0.80 242 eP Pn 15 41 34.9 -1.1
PVY Plav 0.93 225 eP Pn 15 41 37.3 -1.2

TRUS Trudelj 1.03 342 eS Pn 15 41 51.8 +1.4
TRUS eS Pn 15 41 39.9 -0.6

TRUS Trudelj 1.03 342 eS Pn 15 41 51.8 +1.4
SVIS Svitlajnac 1.05 14 eP Pn 15 41 40.4 -0.5

SVIS Svitlajnac 1.05 14 eP Pn 15 41 40.4 -0.5
DIVS Divibare 1.05 324 eP Pn 15 41 39.9 -1.1

PDG Podgorica 1.43 236 eP Pn 15 41 46.6 -1.2
PDG eS Pn 15 42 06.4 -0.3

PDG Podgorica 1.43 236 eP Pn 15 41 46.5 -1.2
PDG I/S Pn 15 42 05.3 -1.5

PDG Podgorica 1.43 236 eP Pn 15 41 46.2 -1.5
PDG eS Pn 15 42 07.0 +0.9

PDG Podgorica 1.43 236 eP Pn 15 41 46.4 -1.3
TTG Podgorica 1.43 236 S Pn 15 41 46.5 -1.2

TTG Podgorica 1.43 236 S Pn 15 41 46.4 -1.3
TTG smax Pn 15 42 09.0 +2.3

TTG Podgorica 1.43 236 I/P Pn 15 41 46.6 -1.2
TTG eS Pn 15 42 09.2 +2.5

NKME Niksic 1.47 252 I/P Pn 15 41 47.2 -1.1
NKME I/S Pn 15 42 10.6 +2.6

CEME Cevo 1.58 244 I/P Pn 15 41 49.0 -0.0
CEME I/S Pn 15 41 53.9 +1.9

BE0 Beograd 1.58 350 eP Pn 15 41 48.8 -1.0
BE0 eS Pn 15 42 11.1 +0.2

BE0 Beograd 1.58 350 P Pn 15 41 47.9 -1.9
PHP Peshkopija 1.59 191 P Pn 15 41 49.2 -0.8

PHP Peshkopija 1.59 191 P Pn 15 41 49.2 -0.8
PHP S Pn 15 42 08.9 -2.2

HAPS Han Pijesak, BI 1.61 302 eP Pn 15 41 50.9 -2.2
HAPS eS Pn 15 42 13.2 +0.6

HAPS Han Pijesak, BI 1.61 302 eP Pn 15 41 48.3 -2.1
HAPS eS Pn 15 42 10.1 -1.7

TEKS Tekeris 1.61 324 eP Pn 15 41 49.2 -1.1
TEKS eS Pn 15 42 12.8 +0.7

TEKS Tekeris 1.61 324 eP Pn 15 41 48.2 -2.1
TEKS eS Pn 15 42 10.6 -1.1

Moldovita 1.66 22 I/P Pn 15 41 49.4 -1.5
Moldovita I/S Pn 15 42 11.4 -1.4

Moldovita 1.66 22 I/P Pn 15 41 49.4 -1.5
Moldovita I/S Pn 15 42 11.4 -1.4

BUM Brajaci-Budva 1.72 237 I/P Pn 15 41 51.8 0.0
BUM I/S Pn 15 42 16.6 +0.5

BRY Bratogost 1.73 259 P Pn 15 41 51.4 -0.5
BRY smax Pn 15 42 15.0 +0.3

Bratogost 1.73 259 I/P Pn 15 41 51.5 -0.5
Bratogost eS Pn 15 41 51.9 +0.7

Bratogost 1.73 259 eS Pn 15 41 51.9 +0.7
BRY Ulcinj 1.75 223 I/P Pn 15 42 13.7 -1.0

BRY Ulcinj 1.75 223 I/P Pn 15 42 13.7 -1.0
BRY I/S Pn 15 41 51.8 -0.3

PUNG Punghina 1.83 55 I/S Pn 15 41 52.6 -0.5
PUNG I/S Pn 15 42 16.8 -0.5

PUNG Punghina 1.83 55 I/S Pn 15 41 52.6 -0.5
PUNG I/S Pn 15 42 16.8 -0.5

Vitosha 1.86 109 eP Pn 15 41 53.2 -0.6
Vitosha eS Pn 15 42 18.4 -0.9

Vitosha 1.86 109 I/P Pn 15 41 53.2 -0.6
Vitosha I/S Pn 15 42 18.4 -0.9

Vitosha 1.86 109 P Pn 15 41 53.1 -0.6
Vitosha S Pn 15 42 19.8 +0.5

Vitosha 1.86 109 P Pn 15 41 53.1 -0.6
Vitosha S Pn 15 42 19.8 +0.5

Herceg Novi 1.91 246 P Pn 15 41 55.8 -0.5
Herceg Novi S Pn 15 42 20.0 +1.1

Herceg Novi 1.91 246 I/P Pn 15 41 54.2 -0.1
Herceg Novi I/S Pn 15 42 20.8 +0.2

Herceg Novi 1.91 246 P Pn 15 41 54.2 -0.1
Herceg Novi I/S Pn 15 42 20.8 +0.2

Trebjine 1.91 255 eP Pn 15 41 53.3 +1.0
Trebjine I/S Pn 15 41 53.8 -0.5

Trebjine 1.91 255 eP Pn 15 41 53.3 +1.0
Trebjine I/S Pn 15 41 53.8 -0.5

Halanga-Turnu 1.94 43 I/P Pn 15 41 54.5 -0.2
Halanga-Turnu I/S Pn 15 42 19.9 +0.2

Halanga-Turnu 1.94 43 I/P Pn 15 41 54.5 -0.2
Halanga-Turnu I/S Pn 15 42 19.9 +0.2

Bailiesti 1.97 66 I/P Pn 15 41 54.6 -0.5
Bailiesti I/S Pn 15 42 20.1 -0.3

Bailiesti 1.97 66 I/P Pn 15 41 54.6 -0.5
Bailiesti I/S Pn 15 42 20.1 -0.3

Herculane 1.98 34 I/P Pn 15 41 54.5 -0.8
Herculane I/S Pn 15 42 19.2 -1.6

Herculane 1.98 34 I/P Pn 15 41 54.5 -0.8
Herculane I/S Pn 15 42 19.2 -1.6

Tirane 2.03 201 eP Pn 15 41 56.1 +0.1
Tirane I/S Pn 15 42 19.8 +0.5

Tirane 2.03 201 eP Pn 15 41 56.1 +0.1
Tirane I/S Pn 15 42 19.8 +0.5

Tirane 2.03 201 P Pn 15 41 57.4 +1.4
Tirane I/S Pn 15 41 57.4 +1.4

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Herceg Novi 1.91 246 P Pn 15 41 55.8 -0.5
Herceg Novi S Pn 15 42 20.0 +1.1

Trebjine 1.91 255 eP Pn 15 41 53.3 +1.0
Trebjine I/S Pn 15 41 53.8 -0.5

Halanga-Turnu 1.94 43 I/P Pn 15 41 54.5 -0.2
Halanga-Turnu I/S Pn 15 42 19.9 +0.2

Bailiesti 1.97 66 I/P Pn 15 41 54.6 -0.5
Bailiesti I/S Pn 15 42 20.1 -0.3

Herculane 1.98 34 I/P Pn 15 41 54.5 -0.8
Herculane I/S Pn 15 42 19.2 -1.6

Tirane 2.03 201 eP Pn 15 41 56.1 +0.1
Tirane I/S Pn 15 42 19.8 +0.5

Tirane 2.03 201 P Pn 15 41 57.4 +1.4
Tirane I/S Pn 15 41 57.4 +1.4

FRGS Fruska Gora 2.05 339 eP Pn 15 41 57.2 +0.9
FRGS I/S Pn 15 41 54.6 -1.7

FRGS Fruska Gora 2.05 339 eP Pn 15 41 57.2 +0.9
FRGS I/S Pn 15 41 54.6 -1.7

Ohrid 2.13 181 eP Pn 15 41 57.2 -0.3
Ohrid I/S Pn 15 41 57.4 -0.1

Ohrid 2.13 181 eP Pn 15 41 57.2 -0.3
Ohrid I/S Pn 15 41 57.4 -0.1

Banloc 2.15 5 I/S Pn 15 41 56.6 -0.9
Banloc I/S Pn 15 42 22.1 -2.6

Banloc 2.15 5 I/S Pn 15 41 56.6 -0.9
Banloc I/S Pn 15 42 22.1 -2.6

Strehaia 2.21 49 I/P Pn 15 41 58.3 -0.2
Strehaia I/S Pn 15 42 26.5 +0.1

Strehaia 2.21 49 I/P Pn 15 41 58.3 -0.2
Strehaia I/S Pn 15 42 26.5 +0.1

Strehaia 2.21 49 P Pn 15 41 58.2 +0.1
Strehaia S Pn 15 42 26.5 +0.1

Ston 2.34 262 eP Pn 15 41 59.4 -0.8
Ston eS Pn 15 42 28.9 -0.6

Ston 2.34 262 eP Pn 15 41 59.4 -0.8
Ston eS Pn 15 42 28.9 -0.6

Buzias 2.43 13 eP Pn 15 41 59.4 -0.1
Buzias I/S Pn 15 41 59.4 -0.1

Buzias 2.43 13 eP Pn 15 41 59.4 -0.1
Buzias I/S Pn 15 41 59.4 -0.1

Buzias 2.43 13 P Pn 15 41 59.4 -0.1
Buzias S Pn 15 42 29.4 -2.1

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|---------------------|----------|------|----|-----------------|-------------------------------------------|--------------|----------|------|-----------------|---------------|----------|-----|----|-----------------|
| ZIMR | 3.31 81 | P | Pn | 15 42 13.9 +0.3 | comp=Z,32nm,0.6s | ARSA Arzberg | 5.49 319 | Pn | 15 42 46.6 -1.0 | PRU Pruhonice | 8.02 329 | eP | Pn | 15 43 16.3 -1.9 |
| ZIMR | 3.31 81 | P | Pn | 15 42 13.9 +0.3 | | ARSA Arzberg | 5.49 319 | Pn | 15 42 46.6 -1.0 | PRU Pruhonice | 8.02 329 | ePn | Pn | 15 43 16.3 -1.9 |
| LIT Litokhoron | 3.38 158 | P | Pn | 15 42 14.2 -0.3 | | OBKA Obir | 5.54 308 | i Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | ePn | Pn | 15 43 19.9 +0.6 |
| LIT Litokhoron | 3.38 158 | P | Pn | 15 42 14.2 -0.3 | | OBKA Obir | 5.54 308 | eSn | 15 43 44.7 -3.8 | FETA Feichton | 8.09 301 | eSn | Sb | 15 45 21.5 +3.1 |
| LIT Arges | 3.44 51 | uP | Pn | 15 42 15.5 -0.2 | comp=Z,2.7nm,0.5s | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ARR Arges | 3.44 51 | uP | Pn | 15 42 15.5 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| PLG Polygyros | 3.46 145 | P | Pn | 15 42 15.5 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| PLG Polygyros | 3.46 145 | P | Pn | 15 42 15.5 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| KAVA Kavala | 3.53 128 | P | Pn | 15 42 16.3 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| JAVJ Janina | 3.59 180 | P | Pn | 15 42 21.9 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MTAU Matus | 3.62 55 | uP | Pn | 15 42 17.7 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MTUR Matus | 3.62 55 | uP | Pn | 15 42 17.7 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| VOIR Matus | 3.72 53 | uP | Pn | 15 42 19.4 +0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| VOIR Matus | 3.72 53 | uP | Pn | 15 42 19.4 +0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| VOIR Matus | 3.72 53 | uP | Pn | 15 42 19.4 +0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| IGT Igomunitza | 3.73 186 | P | Pn | 15 42 19.7 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| IGT Igomunitza | 3.73 186 | P | Pn | 15 42 19.7 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| OUR Ouranopolis | 3.73 140 | P | Pn | 15 42 18.9 -0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| OUR Ouranopolis | 3.73 140 | P | Pn | 15 42 18.9 -0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| OUR Ouranopolis | 3.73 140 | P | Pn | 15 42 18.9 -0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DRGR Ouranopolis | 3.78 20 | uP | Pn | 15 42 19.3 -0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DRGR Ouranopolis | 3.78 20 | uP | Pn | 15 42 19.3 -0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DRGR Ouranopolis | 3.78 20 | uP | Pn | 15 42 19.3 -0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| THL Klokotes Trika | 3.78 120 | P | Pn | 15 42 20.0 0.0 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| THL Klokotes Trika | 3.78 120 | P | Pn | 15 42 20.0 0.0 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| SGRR Singureni | 3.84 74 | uP | Pn | 15 42 20.7 -0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| SGRR Singureni | 3.84 74 | uP | Pn | 15 42 20.7 -0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| SGRR Singureni | 3.84 74 | uP | Pn | 15 42 20.7 -0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| SGRR Singureni | 3.84 74 | uP | Pn | 15 42 20.7 -0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| PAIG Paliouri | 3.94 146 | P | Pn | 15 42 21.9 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| PAIG Paliouri | 3.94 146 | P | Pn | 15 42 21.9 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CJR Cluj-Napoca | 3.98 28 | uP | Pn | 15 42 22.5 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CJR Cluj-Napoca | 3.98 28 | uP | Pn | 15 42 22.5 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CJR Cluj-Napoca | 3.98 28 | uP | Pn | 15 42 22.5 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CJR Cluj-Napoca | 3.98 28 | uP | Pn | 15 42 22.5 -0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MATE Matera | 4.04 231 | uP | Pn | 15 42 23.8 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MATE Matera | 4.04 231 | uP | Pn | 15 42 23.8 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MATE Matera | 4.04 231 | uP | Pn | 15 42 23.8 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| SGRT San Giovanni R | 4.06 250 | Pn | Pn | 15 42 23.4 -0.6 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| RDO Rodhodri | 4.07 120 | eP | Pn | 15 42 24.3 -0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| RDO Rodhodri | 4.07 120 | eP | Pn | 15 42 24.3 -0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DOPR Dopca | 4.23 48 | uP | Pn | 15 42 26.4 +0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DOPR Dopca | 4.23 48 | uP | Pn | 15 42 26.4 +0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DOPR Dopca | 4.23 48 | uP | Pn | 15 42 26.4 +0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| DOPR Dopca | 4.23 48 | uP | Pn | 15 42 26.4 +0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MLR Muntele Rosu | 4.29 57 | Pn | Pn | 15 43 16.9 -0.8 | comp=N,4.0nm,0.3s,baz=256,slow=1.8,SNR=30 | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MLR Muntele Rosu | 4.29 57 | Pn | Pn | 15 43 16.9 -0.8 | comp=N,4.0nm,0.3s,baz=256,slow=1.8,SNR=30 | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MLR Muntele Rosu | 4.29 57 | Pn | Pn | 15 43 16.9 -0.8 | comp=N,4.0nm,0.3s,baz=256,slow=1.8,SNR=30 | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| MLR Muntele Rosu | 4.29 57 | Pn | Pn | 15 43 16.9 -0.8 | comp=N,4.0nm,0.3s,baz=256,slow=1.8,SNR=30 | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| BEHE Becsehely | 4.33 319 | ePn | Pn | 15 42 27.5 +0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| AGG Agios Georgios | 4.37 165 | eP | Pn | 15 42 27.9 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| AGG Agios Georgios | 4.37 165 | eP | Pn | 15 42 27.9 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| AGG Agios Georgios | 4.37 165 | eP | Pn | 15 42 27.9 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| AGG Agios Georgios | 4.37 165 | eP | Pn | 15 42 27.9 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| BUD Budapest | 4.43 344 | P | Pn | 15 42 28.0 -0.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| NEHR Neohiu | 4.47 59 | uP | Pn | 15 42 29.9 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| NEHR Neohiu | 4.47 59 | uP | Pn | 15 42 29.9 +0.3 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| LEHL Lehliu | 4.49 72 | uP | Pn | 15 42 29.8 +0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| LEHL Lehliu | 4.49 72 | uP | Pn | 15 42 29.8 +0.1 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ISR Istrita | 4.50 63 | uP | Pn | 15 42 30.8 +0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ISR Istrita | 4.50 63 | uP | Pn | 15 42 30.8 +0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ISR Istrita | 4.50 63 | uP | Pn | 15 42 30.8 +0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ISR Istrita | 4.50 63 | uP | Pn | 15 42 30.8 +0.8 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ALN Alexandroupoli | 4.52 120 | eP | Pn | 15 42 29.8 -0.4 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ALN Alexandroupoli | 4.52 120 | eP | Pn | 15 42 29.8 -0.4 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ALN Alexandroupoli | 4.52 120 | eP | Pn | 15 42 29.8 -0.4 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ALN Alexandroupoli | 4.52 120 | eP | Pn | 15 42 29.8 -0.4 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| GCIS Gornji Cirmik | 4.56 307 | i Pn | Pn | 15 42 29.9 -0.9 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CRES Cresnevj | 4.64 306 | ePn | Pn | 15 42 30.1 -1.7 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| CRES Cresnevj | 4.64 306 | ePn | Pn | 15 42 30.1 -1.7 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| GOLS Golise | 4.64 308 | i Pn | Pn | 15 42 31.1 -0.7 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| GOLS Golise | 4.64 308 | i Pn | Pn | 15 42 31.1 -0.7 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ENEZ Enez | 4.68 121 | eP | Pn | 15 42 31.2 -1.2 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ANX Ano Chora | 4.72 170 | P | Pn | 15 42 33.5 +0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA Feichton | 8.09 301 | | Sb | 15 45 21.5 +3.1 |
| ANX Ano Chora | 4.72 170 | P | Pn | 15 42 33.5 +0.5 | | OBKA Obir | 5.54 308 | Pn | 15 42 43.5 -0.8 | FETA | | | | |

24d 16h

Table with columns: DJES, Djerdap, 1.85 39 ePn, Pn, 15 42 24.5 +0.1, etc. Includes stations like Boshof, Buzias, and various frequency listings.

Table with columns: SELS, Selova, 0.18 93 ePn, Pn, 16 00 26.2 -1.2, etc. Includes stations like Sjenica, Gruza, Bovan, and various frequency listings.

Table with columns: MCVR, Moldovita, 0.18 195 ePn, Pn, 16 01 12.9 -0.6, etc. Includes stations like Herkulane, Buzias, Gura Zlata, and various frequency listings.

Table with columns: CEP, Cherat, 2.86 162 P, Pn, 16 08 59.1 +1.6, etc. Includes stations like Thadma Wali, Thein Dam, Almayashu, and various frequency listings.

Table with columns: AAK, Ala-Archa, 6.70 24 P, Pn, 16 09 46.9 +0.6, etc. Includes stations like Karatay Array, Sargodha, and various frequency listings.

Table with columns: MKAR, Makanchi Array, 13.32 36 P, Pn, 16 10 12.0 +0.2, etc. Includes stations like Damsang, Daman, Kakan, and various frequency listings.

2014 DEC

Table with columns: SONM, Songino Array, 28.41 55 P, P, 16 13 47.7 +0.8, etc. Includes stations like Malin Array, NRIK, FINESS, and various frequency listings.

Table with columns: MAN, Man Intensity III - Hernani, Eastern Samar, 24.16 16:11.0, 1.1, 37N, 125.84E, etc. Includes station details and coordinates.

Table with columns: BESP, Borongan, 0.48 293 ePn, Pn, 16 20 20.3 -3.5, etc. Includes stations like Ormoc, Catarman, Maasin, and various frequency listings.

Table with columns: DAV, Davao City (W), 4.33 184 P, Pn, 16 17 18.3 +1.2, etc. Includes stations like Davao City (E), KCP, and various frequency listings.

Table with columns: LUWI, Luwuk, 12.75 194 P, Pn, 16 19 17.1 +4.3, etc. Includes stations like Ampana, Sorong, and various frequency listings.

Table with columns: SBUM, Sibuluan, 16.22 238 P, Pn, 16 20 01.6 -0.4, etc. Includes stations like Sibuluan, Sibuluan, and various frequency listings.

Table with columns: SOEI, Soe, 20.19 184 P, Pn, 16 20 56.9 +1.4, etc. Includes stations like Soe, Soe, and various frequency listings.

1184

Table with columns: GYA, Gyang, 2.590nm, 15.7s, 23.54 218 P, P, 16 21 24.3 +3.1, etc. Includes stations like NGJI, CHAI, and various frequency listings.

Table with columns: KULM, Kulim, 25.69 258 P, P, 16 21 42.0 +1.0, etc. Includes stations like Kulim, Phrae, and various frequency listings.

Table with columns: LAMP, Lampang, 26.31 289 P, P, 16 21 47.8 +1.2, etc. Includes stations like Chiang Mai Arr, Chiang Mai Arr, and various frequency listings.

Table with columns: MJAR, Matsushiro Arr, 27.38 22 P, P, 16 21 55.0 -1.0, etc. Includes stations like Maesarieng, Fitzroy Crossi, and various frequency listings.

Table with columns: WRO, Warramunga Arr, 32.25 165 P, P, 16 22 37.5 -1.8, etc. Includes stations like Warramunga Arr, Warramunga Arr, and various frequency listings.

Table with columns: ASAJ, Asahikawa, 35.63 21 P, P, 16 23 10.3 +1.9, etc. Includes stations like Kamikawa-asahi, Kamikawa-asahi, and various frequency listings.

Table with columns: H1S3, Wake Island Hy 39.97 75 T, T, 17 06 46.2, etc. Includes stations like Wake Island Hy, Wake Island Hy, and various frequency listings.

1185

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RAMN Ramite, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VRDI Verde Repeater, K27K Chicken, CTGM Chitina Glacie, etc.

NEIC 24 16:25:16.0z,2.3, 17.99S:0.1x,178.5W:0.1, h545km,7km, mb4.4/77, Error ellipse: s-maj=20.5km s-min=15.4km az=135.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MSVF Nonnavu, AFU Afiamalu, SAUVU Sautovu, etc.

24d 16h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PEA0B Petropavlovsk-PETK, ISA Isabella, Lake, AFDM Afdon, etc.

24d 17h

Table with columns: SQTA, Sankt Quirin, 149.67 347 i P, PKPbc, 16 44 04.3 0.0, comp=Z,5.1nm,0.5s,SNR=4.7

BEO 24 16:33:57.9-0.3,43.21N-20.84E, h0km, ML1.7/12, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, SLS, Selova, 0.20 86 Op ISC, h m s ISC

BUC 24 16:34:44.8-0.4,44.79N-21.98E, h5km, m0.8/4, 14C-2D, Error ellipse: s-maj=1.1km s-min=2.0km az=168.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, MDVR, Moldovita, 0.19 269 Op ISC, h m s ISC

INET 24 16:44:03.8, 12.47N-88.26W, h25km, ML4.2, SNET 24 16:44:05.7, 11.1, 12.62N-88.34W, h20km, 4km, ML3.7, UCR 24 16:44:05.1, 1.8, 12.56N-88.23W, h36km, 771km, ML3.7, MW3.3

ISC 24 16:44:04.0-1.7, 12.51N-0.07-88.27W, 0.06, h2km, 16km, n49, -0.672/3, 2C-2D, Off coast of central America

Large table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, LCND, La Caada, 0.87 25 Op ISC, h m s ISC

2014 DEC

Table with columns: HORNC, Hornillas, 3.52 120 e P, Pn, 16 44 56.0 -1.3, CUI, Cuiplapa, 3.56 121 e P, Pn, 16 44 58.7 +0.9

IDC 24 16:50:03.8-6.9, 16.72S-175.93W, h400km, 40km, mb2.9/4, mb1 3.2/5, mb1mx2.9/38, mbtmp3.8/5, Error ellipse: s-maj=161.2km s-min=33.7km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, MSVF, Nonsavu, 5.84 259 Op ISC, h m s ISC

IDC 24 17:09:43.6-2.6, 55.13S-150.43W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/20, mbtmp3.5/2, Error ellipse: s-maj=278.1km s-min=58.6km az=6.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, H03N3, Juan Fernandez, 53.02 97 Op ISC, h m s ISC

MAN 24 17:26:57.6, 7.81N, 126.76E, h1km, mb4.8, ML3.7, MS3.6, NEIC 24 17:27:03.9, 1.7, 7.9N, 0.09-126.59E, 0.09, h4.3km, 7km, mb4.4/24, Error ellipse: s-maj=13.4km s-min=11.7km az=46.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, H03N1, Juan Fernandez, 53.04 97 T, T, 18 16 14.0

ISC 24 17:26:59.7-1.4, 7.82N, 0.03-126.70E, 0.06, h12km, 8km, n95, -1.81/199, mb1.2/30, MS3.5/3, 3C-2D, Mindao

Large table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, BIP, Bislig, 0.61 312 Op ISC, h m s ISC

1186

Table with columns: CMAR, comp=Z,0.9nm,0.9s,baz=127,slow=6.6,SNR=5.7, Pn, 16 44 58.0 -1.3

JMM, Marumori, 32.52 21 P, P, 17 33 31.7 +1.2

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, FORT, Forest, 38.40 178 P, P, 17 34 21.4 +0.4

BB00, Buckleleew, 41.37 168 P, P, 17 34 46.3 +0.6

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, MK31, Makanchi Arr, 54.24 324 P, Iamb, Iamb, 17 36 24.5 -1.0

KURB, Kurchatov Arr, 58.33 326 P, Iamb, Iamb, 17 36 53.5 -0.9

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ARU, Arti, 71.50 327 P, P, 17 38 18.0 -2.2

NEIC 24 17:27:23.8-2.2, 17.55N, 0.03-96.26W, 0.04, h93km, 9km, Error ellipse: s-maj=6.1km s-min=2.5km az=126.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ARU, Arti, 71.50 327 P, P, 17 38 18.0 -2.2

MEX 24 17:27:25.0-0.7, 17.65N, 96.23W, h86km, 6km, MD4.4, IDC 24 17:27:26.3-1.6, 17.83N, 95.93W, h91km, 1.3km, mb3.6/7, mb1 3.8/9, mb1mx3.5/44, mbtmp3.9/9, Error ellipse: s-maj=37.0km s-min=14.0km az=59.0

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, OXB, Oaxaca, 0.69 220 Op ISC, h m s ISC

ISC 24 17:27:24.2-0.6, 17.68N, 0.03-96.26W, 0.03, h87km, 7km, n132, -1.81/174, mb4.2/12, Oaxaca

Large table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, OXB, Oaxaca, 0.69 220 Op ISC, h m s ISC

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PANGL Pinotepa, PANG Pinotepa, PANG Pinotepa, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like WWT Waverly, WWT Waverly, WWT Waverly, etc.

DJA 24 17:35:04.8-0.3, 4'N3:3'9'E, h133km, gkm, M4.7/18, mb4.9/18, mb5.3/3, MLV4.5/16, Mw(MB)4.7/8

BUI 24 17:35:05.1-0.0, 4'53N:96:98E, h115km, mb5.0/11, mb4.8/22

IDC 24 17:35:06.1-1.8, 4'49N:96:77E, h125km, 15km, mb4.0/25, mb1.4/26, mb1mx3.9/46, mbtmp4.2/6, Error ellipse: s-maj=20.6km s-min=9km az=54.0

KLM 24 17:35:05.0, 4:39N:96:61E, h143km, mb4.6, NEIC 24 17:35:05.5-2.1, 4:31N:0:06:96:69E:0:08, h129km, 5km, mb4.3/34, Error ellipse: s-maj=12.8km s-min=7.9km az=66.0

ISC 24 17:35:06.4-0.4, 4:35N:0:05:96:77E:0:05, h133km, n177, a:1618/181, mb4.2/58, 8C-5D, Northern Sumatera

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like MSLI Meulaboh, MSLI Meulaboh, MSLI Meulaboh, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CM09 Chiang Mai Arr, CM31 Chiang Mai Arr, CM31 Chiang Mai Arr, etc.

| | | | | | |
|------|-------------------|----------|------|------|-----------------|
| BUCA | comp=E,377nm,1.0s | IAML | | | 18 12 58.0 |
| BUCA | | IAML | | | 18 13 07.0 |
| ALAN | comp=N,250nm,1.0s | PN | Pg | | 18 12 04.9 +0.7 |
| GOLH | Alanya-ANTALYA | 1.54 61 | PN | Pg | 18 12 06.4 +0.4 |
| GOLH | Golhisar | 1.56 336 | i/P | IAML | 18 12 47.0 |
| GAZI | comp=N,439nm,1.4s | PN | Pn | | 18 12 06.2 +0.7 |
| GAZI | Gazipasa | 1.63 75 | PN | Pn | 18 12 08.8 +0.3 |
| GAZI | Gazipasa | 1.63 75 | i/P | IAML | 18 12 38.0 |
| GAZI | comp=N,594nm,0.7s | IAML | | | 18 12 38.0 |
| BCK | comp=E,449nm,0.7s | PN | Pb | | 18 12 06.9 -0.2 |
| DALY | Bucak | 1.65 6 | PN | Pb | 18 12 07.0 +0.5 |
| DALY | Dalyan (Mula) | 1.71 306 | i/P | Pn | 18 12 07.0 +0.5 |
| DALY | Dalyan (Mula) | 1.71 306 | i/P | Pn | 18 12 42.0 |
| DALY | comp=E,294nm,1.2s | IAML | | | 18 12 49.0 |
| DALY | comp=N,353nm,1.2s | IAML | | | 18 12 49.0 |
| AKMS | Akamass | 1.79 116 | P | Sn | 18 12 08.6 +0.9 |
| AKMS | | | PN | Pn | 18 12 33.4 +2.5 |
| AKMS | | | AML | AML | 18 12 43.8 |
| AKMS | comp=N,1.9nm,1.0s | AML | AML | | 18 12 43.8 |
| AKMS | comp=N,1.9nm,1.0s | AML | AML | | 18 12 48.1 |
| AKMS | comp=N,2.1nm,0.8s | AML | AML | | 18 12 48.1 |
| ARG | Arkhangelos | 1.86 283 | P | Pn | 18 12 08.9 +0.3 |
| ARG | Arkhangelos | 1.86 283 | P | Pn | 18 12 08.9 +0.3 |
| ARG | Arkhangelos | 1.86 283 | PN | Pn | 18 12 08.5 -0.1 |
| ARG | Arkhangelos | 1.86 283 | i/P | Pn | 18 12 08.7 +0.1 |
| ARG | Arkhangelos | 1.86 283 | P | Pn | 18 12 08.8 +0.1 |
| ARG | Arkhangelos | 1.86 283 | S | Sg | 18 12 36.6 +0.7 |
| BRDR | comp=N,582nm,1.2s | IAML | | | 18 12 11.6 -0.8 |
| BRDR | Burdur-Merkez | 1.89 353 | i/P | Pg | 18 12 52.0 |
| BRDR | comp=N,117nm,0.6s | IAML | | | 18 12 58.0 |
| ALFC | comp=E,266nm,0.8s | IAML | | | 18 12 09.7 0.0 |
| ALFC | Alefka | 1.94 109 | P | PN | 18 12 46.1 |
| ALFC | comp=E,1.1nm,0.5s | AML | AML | | 18 12 51.4 |
| TURN | comp=E,1.6nm,1.0s | PN | Pn | | 18 12 10.3 +0.2 |
| MRSB | Marmaris-Mugla | 1.97 298 | PN | Pn | 18 12 10.7 +0.5 |
| SEDI | Konya, Seydis | 1.98 34 | i/P | Pb | 18 12 12.5 -0.1 |
| SEDI | | | IAML | | 18 12 53.0 |
| SEDI | comp=E,219nm,0.7s | IAML | | | 18 12 56.0 |
| SEYD | Seydisehir-KON | 1.98 36 | PN | Pn | 18 12 11.5 +1.1 |
| ISP | Isparta | 2.01 3 | P | Pn | 18 12 10.7 0.0 |
| ISP | Isparta | 2.01 3 | P | Pn | 18 12 10.7 0.0 |
| ISP | Isparta | 2.01 3 | PN | Pn | 18 12 11.8 +1.0 |
| ISP | Isparta | 2.01 3 | PN | Pn | 18 12 09.9 -0.8 |
| TAVA | Denizli_Tavas | 2.02 325 | i/P | Pg | 18 12 15.2 +0.4 |
| NATA | Nata | 2.08 119 | P | Pn | 18 12 12.9 +1.2 |
| BASM | Basmaki-Afyon | 2.12 353 | PN | Pn | 18 12 13.5 +1.3 |
| YER | Yerkesik | 2.13 309 | PN | Pn | 18 12 13.2 +0.7 |
| YER | Yerkesik | 2.13 309 | S | Sg | 18 12 44.6 -0.1 |
| LEF | Lefka | 2.17 108 | i/P | Pn | 18 12 12.8 -0.1 |
| LEF | Lefka | 2.17 108 | i/P | Pn | 18 12 12.8 -0.1 |
| LEF | comp=N,256nm,0.6s | IAML | | | 18 13 02.0 |
| BAGO | Egridir - ISPA | 2.20 9 | i/P | Pb | 18 12 15.8 -0.6 |
| BAGO | | | IAML | | 18 13 17.0 |
| BAGO | comp=N,61nm,0.9s | IAML | | | 18 13 20.0 |
| TEKE | Tekeli-Mersin | 2.25 81 | PN | Pn | 18 12 15.1 +1.1 |
| SZAC | Souni | 2.31 116 | i/P | PN | 18 12 15.4 +0.5 |
| SZAC | comp=E,1.3nm,0.6s | AML | AML | | 18 13 09.9 |
| SZAC | comp=E,1.5nm,0.8s | AML | AML | | 18 13 09.9 |
| DATO | Datca-MUGLA | 2.38 294 | PN | Pn | 18 12 16.3 +0.5 |
| DOGA | KONYA_Doganhis | 2.51 24 | i/P | Pb | 18 12 20.1 -1.7 |
| DOGA | | | IAML | | 18 13 07.0 |
| DOGA | comp=N,199nm,0.7s | IAML | | | 18 13 14.0 |
| MLSB | Milas | 2.56 306 | PN | Pn | 18 12 19.2 +1.0 |
| CSS | Mathiatis | 2.57 109 | P | Pn | 18 12 18.7 +0.4 |
| CSS | Mathiatis | 2.57 109 | P | Pn | 18 12 18.7 +0.4 |
| CSS | Mathiatis | 2.57 109 | PN | Pn | 18 12 18.8 +0.4 |
| CSS | Mathiatis | 2.57 109 | i/P | Pn | 18 12 18.5 +0.1 |
| CSS | Mathiatis | 2.57 109 | PN | Pn | 18 12 19.3 +0.9 |
| ASGA | Asgata | 2.57 113 | P | Pn | 18 12 19.3 +0.9 |
| AKKI | Akkuyu-Mersin | 2.59 82 | PN | Pn | 18 12 19.7 +1.0 |
| KARP | Karpouthos | 2.62 265 | P | Pn | 18 12 20.1 +0.9 |
| KARP | Karpouthos | 2.62 265 | P | Pn | 18 12 20.1 +0.9 |
| KARP | Karpouthos | 2.62 265 | PN | Pn | 18 12 19.9 +0.7 |
| KARP | Karpouthos | 2.62 265 | i/P | Pn | 18 12 19.9 +0.7 |
| KARP | Karpouthos | 2.62 265 | S | Sn | 18 12 52.0 +0.6 |
| KARP | Karpouthos | 2.62 265 | AML | AML | 18 12 56.6 |
| KARP | comp=E,0.5nm,0.7s | AML | AML | | 18 12 56.6 |
| KARP | comp=E,0.5nm,0.7s | AML | AML | | 18 13 00.4 |
| KARP | comp=E,0.3nm,0.4s | AML | AML | | 18 13 00.4 |
| KARP | comp=E,0.3nm,0.4s | AML | AML | | 18 13 00.4 |
| KARP | Karpouthos | 2.62 265 | PN | Pn | 18 12 19.8 +0.6 |
| KARP | Karpouthos | 2.62 265 | P | Sb | 18 12 20.1 +0.9 |
| KARP | Karpouthos | 2.62 265 | S | Sb | 18 12 55.6 -0.6 |
| KONT | Konya-Tatoy | 2.66 36 | PN | Pn | 18 12 21.5 +1.8 |
| KRMT | Karaman | 2.70 59 | PN | Pn | 18 12 21.5 +1.2 |
| AYDN | Tasoluk | 2.72 313 | i/P | Pn | 18 12 21.4 +0.9 |
| IKL | Isiklik | 2.72 80 | PN | Pn | 18 12 21.7 +1.2 |
| KARC | Kargicak-Mersi | 2.74 81 | PN | Pn | 18 12 21.7 +1.0 |
| SHUT | Suhut-Afyon | 2.74 3 | PN | Pn | 18 12 21.4 +1.4 |
| NISR | Nisiroso | 2.74 288 | P | Pn | 18 12 21.6 +0.9 |
| NISR | Nisiroso | 2.74 288 | P | Pn | 18 12 21.6 +0.9 |
| BODT | Bodrum | 2.76 298 | PN | Pn | 18 12 21.5 +0.4 |
| KEBE | Keven-Mersin | 2.78 76 | PN | Pn | 18 12 22.5 +1.1 |
| MOVU | Mavrovucio | 2.78 106 | i/P | Pn | 18 12 21.7 +0.4 |
| LADK | Ladik-KONYA | 2.87 33 | PN | Pn | 18 12 24.3 +1.7 |
| KOSK | Kos Island | 2.89 290 | PN | Pn | 18 12 23.6 +0.8 |
| AYDB | Zeytin koy-Aydi | 2.91 318 | PN | Pn | 18 12 24.3 +1.1 |
| SILI | Sili/Kife-Mersin | 2.93 78 | PN | Pn | 18 12 24.7 +1.3 |
| KULA | Kula-Manisa | 3.02 334 | PN | Pn | 18 12 24.8 +0.1 |
| MANT | Manisa | 3.04 332 | PN | Pn | 18 12 23.8 +1.2 |
| GCAM | G2zelcaml? | 3.14 308 | PN | Pn | 18 12 27.5 +1.3 |
| GCAM | G2zelcaml? | 3.14 308 | i/P | Pn | 18 12 26.6 +0.3 |
| GCAM | | | IAML | | 18 13 34.0 |
| GCAM | comp=E,89nm,1.1s | IAML | | | 18 13 39.0 |
| OSCC | comp=N,99nm,1.3s | PN | Pn | | 18 12 28.1 +1.8 |
| OSCC | CSNet OBS 4 | 3.15 150 | P | Sn | 18 13 08.4 +1.1 |
| SMG | Samos | 3.41 305 | P | Pn | 18 12 31.3 +1.4 |
| SMG | Samos | 3.41 305 | P | Pn | 18 12 31.3 +1.4 |
| SMG | Samos | 3.41 305 | PN | Pn | 18 12 31.3 +1.4 |
| SIMA | Simav-Kutahya | 3.44 342 | PN | Pn | 18 12 32.7 +1.7 |
| ZKR | Zakros | 3.46 260 | P | Pn | 18 12 31.7 +1.1 |
| ZKR | Zakros | 3.46 260 | P | Pn | 18 12 31.7 +1.1 |
| ZKR | Zakros | 3.46 260 | PN | Pn | 18 12 31.1 +0.5 |
| ZKR | Zakros | 3.46 260 | i/P | Pn | 18 12 31.4 +0.1 |
| DGB | zmir | 3.58 310 | i/P | Pn | 18 12 32.1 -0.1 |
| DGB | | | IAML | | 18 13 52.0 |
| DGB | comp=E,42nm,0.9s | IAML | | | 18 14 04.0 |
| CIFT | Cifteler-Eski | 3.58 9 | PN | Pn | 18 12 34.2 +1.8 |
| TVSB | Tivrisani | 3.70 349 | PN | Pn | 18 12 35.8 +1.8 |
| SVRH | Sivrisisar-ESK | 3.74 14 | PN | Pn | 18 12 36.5 +1.9 |
| ANAF | Amorgos Island | 3.75 287 | P | Pn | 18 12 35.8 +0.8 |
| ANAF | Anafi Island | 3.76 280 | P | Pn | 18 12 36.3 +1.5 |
| ANAF | Anafi Island | 3.76 280 | P | Pn | 18 12 36.3 +1.5 |
| ANAF | Anafi Island | 3.76 280 | P | Pn | 18 12 36.2 +1.5 |
| NPS | Neapolis | 3.92 263 | P | Pn | 18 12 38.9 +1.9 |
| NPS | Neapolis | 3.92 263 | P | Pn | 18 12 38.9 +1.9 |
| NPS | Neapolis | 3.92 263 | P | Pn | 18 12 38.6 +1.7 |
| SANT | Santorini | 4.01 279 | P | Pn | 18 12 39.7 +1.4 |

| | | | | | |
|--------|---------------------------------------------|----------|----|----|-----------------|
| SANT | Santorini | 4.01 279 | P | Pn | 18 12 39.7 +1.4 |
| SANT | Santorini | 4.01 279 | PN | Pn | 18 12 39.2 +0.9 |
| SANT | Santorini | 4.01 279 | PN | Pn | 18 12 38.8 +0.5 |
| LAST | Lasthi | 4.04 262 | P | Pn | 18 12 40.6 +1.8 |
| LAST | Lasthi | 4.04 262 | P | Pn | 18 12 40.6 +1.8 |
| LAST | Lasthi | 4.04 262 | P | Pn | 18 12 40.6 +1.8 |
| SNT1 | Gialos, Santor | 4.04 280 | P | Pn | 18 12 39.9 +1.2 |
| SNT1 | Gialos, Santor | 4.04 280 | P | Pn | 18 12 39.9 +1.2 |
| THR6 | Thira Island, | 4.06 279 | P | Pn | 18 12 40.6 +1.7 |
| THR6 | Thira Island, | 4.06 279 | P | Pn | 18 12 40.6 +1.7 |
| SAP1 | Santorini-Akro | 4.06 279 | P | Pn | 18 12 40.8 +1.9 |
| SAP1 | Santorini-Akro | 4.06 279 | P | Pn | 18 12 40.8 +1.9 |
| SNT5 | Nea Kammeni, S | 4.07 280 | P | Pn | 18 12 40.2 +1.2 |
| THR9 | Santorini-Faro | 4.09 279 | P | Pn | 18 12 41.6 +2.3 |
| THR9 | Santorini-Faro | 4.09 279 | P | Pn | 18 12 41.6 +2.3 |
| APE | Apeiranthos | 4.10 289 | P | Pn | 18 12 40.7 +1.3 |
| APE | Apeiranthos | 4.10 289 | P | Pn | 18 12 40.7 +1.3 |
| IDI | Anoyia | 4.50 265 | PN | Pn | 18 12 45.3 +0.4 |
| IDI | comp=N,13nm,0.3s,baz=61,slow=14,SNR=97 | | Sn | | 18 13 35.1 -2.6 |
| IDI | baz=195,slow=20,SNR=1-2 | | | | |
| IDI | Anoyia | 4.50 265 | P | Pn | 18 12 46.0 +1.1 |
| IDI | Anoyia | 4.50 265 | P | Pn | 18 12 46.0 +1.1 |
| IDI | Anoyia | 4.50 265 | PN | Pn | 18 12 45.1 +0.2 |
| IDI | Anoyia | 4.50 265 | P | Pn | 18 12 45.6 +0.6 |
| SIVA | Sivas | 4.61 262 | P | Pn | 18 12 48.1 +1.7 |
| SIVA | Sivas | 4.61 262 | P | Pn | 18 12 48.1 +1.7 |
| BR13 | Keskin Array S | 4.69 33 | PN | Pn | 18 12 48.4 +0.8 |
| BRTR | Keskin Array B | 4.69 33 | PN | Pn | 18 12 48.4 +0.8 |
| BRTR | Keskin Array B | 4.69 33 | PN | Pn | 18 12 47.4 -0.2 |
| MDUB | Mudurnu | 4.69 8 | PN | Pn | 18 12 47.9 +0.2 |
| PRK | Paraskevi | 4.72 318 | P | Pn | 18 12 49.0 +1.0 |
| PRK | Paraskevi | 4.72 318 | P | Pn | 18 12 49.0 +1.0 |
| MHLA | Plaka, Milos I | 4.89 283 | P | Pn | 18 12 51.6 +1.3 |
| MHLA | Plaka, Milos I | 4.89 283 | P | Pn | 18 12 51.6 +1.3 |
| OFRI | Oter | 4.98 128 | PN | Pn | 18 12 52.9 +1.4 |
| IMNCY | Mount Meron ar | 5.00 122 | PN | Pn | 18 12 53.4 +0.9 |
| IMMAOB | Mount Meron ar | 5.01 122 | PN | Pn | 18 12 49.1 +1.4 |
| IMMAOB | Mount Meron ar | 5.01 122 | Sn | Sn | 18 13 53.4 +3.0 |
| IMMAI | Mount Meron Ar | 5.01 122 | PN | Pn | 18 12 52.3 +0.3 |
| IMMAI | comp=N,14nm,0.3s,baz=30,slow=12,SNR=68 | | LR | LR | 18 15 31.7 |
| IMMAI | comp=N,167nm,18.4s,baz=310,slow=46 | | PN | PN | 18 12 54.3 +1.9 |
| VAM | Vamos | 5.04 267 | P | Pn | 18 12 54.3 +1.9 |
| VAM | Vamos | 5.04 267 | P | Pn | 18 12 54.3 +1.9 |
| GEM | Giv'at Ha'Em | 5.08 119 | PN | Pn | 18 12 54.5 +1.5 |
| IMVTI | Neve Ativ | 5.11 118 | PN | Pn | 18 12 54.9 +1.5 |
| IMMV | Iera Moni Meta | 5.21 268 | P | Pn | 18 12 57.1 +2.3 |
| IMMV | Iera Moni Meta | 5.21 268 | P | Pn | 18 12 57.1 +2.3 |
| IMMV | Iera Moni Meta | 5.21 268 | P | Pn | 18 12 56.8 +2.1 |
| SLTI | Saliti | 5.27 131 | PN | Pn | 18 12 58.1 +2.6 |
| IMMLI | Mount Malkishu | 5.38 127 | PN | Pn | 18 12 58.5 +1.5 |
| IMHDT | Nahal Hemdat | 5.56 128 | PN | Sn | 18 14 18.1 +4.2 |
| IMHDT | Nahal Hemdat | 5.56 128 | PN | Sn | 18 14 18.1 +4.2 |
| GIAZ | Gaziantep | 5.68 74 | PN | Pn | 18 13 03.1 +0.1 |
| LIA | Limnos Island | 5.78 316 | P | Pn | 18 13 04.2 +1.7 |
| LIA | Limnos Island | 5.78 316 | P | Pn | 18 13 04.2 +1.7 |
| DSI | Dead Sea | 5.95 134 | PN | Sn | 18 13 06.3 +1.5 |
| DSI | Dead Sea | 5.95 134 | PN | Sn | 18 13 06.3 +1.5 |
| SMTH | Samothraki Isl | 6.01 322 | P | Pn | 18 13 07.5 +1.8 |
| SMTH | Samothraki Isl | 6.01 322 | P | Pn | 18 13 07.5 +1.8 |
| VLI | Veliai | 6.07 281 | P | Pn | 18 13 07.6 +1.1 |
| ALN | Alexandroupoli | 6.11 328 | P | Pn | 18 13 08.9 +2.0 |
| ALN | Alexandroupoli | 6.11 328 | P | Pn | 18 13 08.9 +2.0 |
| PRNI | Prinos | 6.69 148 | PN | Pn | 18 13 09.1 +2.1 |
| ITM | Ithomi | 6.93 284 | PN | Pn | 18 13 20.0 +1.6 |
| HRFI | Mount Harif | 6.97 144 | PN | Pn | 18 13 20.0 +1.1 |
| MBRI | Mount Berech | 7.12 146 | PN | Pn | 18 13 22.0 +1.0 |
| AGG | Agios Georgios | 7.15 299 | PN | Pn | 18 13 20.3 -1.1 |
| EIL | Elat | 7.24 147 | PN | PN | 18 13 22.4 -0.2 |
| EIL | comp=N,1.2nm,0.3s,baz=24,slow=4.7,SNR=9.2</ | | | | |

Table with columns: TIR, comp, AML, AML, 20 29 00.6, 0.07 329 P, Pg, 20 28 58.0 -0.1, 20 29 00.1 +0.4, 20 29 00.4, 20 29 00.6, 20 28 58.0 -0.1, 20 28 59.5 -0.2, 20 29 05.9 -1.1, 20 29 14.2 -0.1, 20 29 08.6 -0.9, 20 29 18.7 +0.1, 20 29 18.9, 20 29 20.0, 20 29 10.4 -0.1, 20 29 21.2 -0.4, 20 29 11.0 -1.1, 20 29 24.5 +0.5, 20 29 14.4 -0.1, 20 29 29.3 +0.3, 20 29 19.0 -0.5, 20 29 41.9, 20 29 44.4, 20 29 19.0 -0.5, 20 29 41.9, 20 29 44.4, 20 29 19.1 -0.6, 20 29 19.1 -0.6, 20 29 18.6 -0.9, 20 29 37.2 +1.0, 20 29 19.3 -0.1, 20 29 34.7 -1.1, 20 29 18.2 -1.3, 20 29 38.3 +2.1, 20 29 18.8 -1.0, 20 29 38.8 +1.9, 20 29 19.3 -1.1, 20 29 40.4 +2.4, 20 29 19.5 -1.1, 20 29 38.3 -0.6, 20 29 19.7 -1.0, 20 29 38.0 -0.3, 20 29 22.7 +0.4, 20 29 22.7 +0.4, 20 29 22.2 -0.3, 20 29 44.8 +1.9, 20 29 24.1 +0.2, 20 29 47.5 +1.1, 20 29 24.3 +0.1, 20 29 47.5 +0.8, 20 29 24.0 -0.1, 20 29 50.7, 20 29 51.8, 20 29 24.0 -0.1, 20 29 50.7, 20 29 51.8, 20 29 24.4 +0.1, 20 29 47.9 +0.9, 20 29 24.7 -0.2, 20 29 24.7 -0.2, 20 29 26.5 +0.4, 20 29 26.5 +0.4, 20 29 26.3 0.0, 20 29 26.3 0.0, 20 29 27.3 +0.3, 20 29 27.3 +0.3, 20 29 28.8 -0.8, 20 29 28.8 -0.8, 20 29 52.3 -0.5, 20 29 28.7 0.0, 20 29 55.7 +0.8, 20 29 32.3 +0.3, 20 29 37.1 +0.4, 20 29 33.0 +0.1, 20 29 59.1 +0.9, 20 29 31.0 +0.2, 20 29 59.1 0.0, 20 29 31.2 +0.2, 20 29 39.8 +0.1, 20 29 32.4 +0.7, 20 29 33.0 +0.2, 20 29 33.0 +0.2, 20 29 34.4 +0.9, 20 29 34.4 +0.9, 20 29 35.7 -1.3, 20 29 34.6 +0.9, 20 30 05.0 -0.5, 20 29 38.1 +0.9, 20 29 38.1 +0.9, 20 29 38.2 +0.5, 20 29 38.2 +0.5, 20 29 12.6 -2.2, 20 29 39.1 +0.4, 20 29 39.1 +0.4, 20 29 41.1 +0.4, 20 29 41.1 +0.4, 20 29 42.1 +1.1, 20 29 42.1 +1.1, 20 30 18.3 -2.4, 20 30 16.3 +0.9, 20 30 16.3 +0.9, 20 29 43.1 +1.8, 20 30 14.6 -0.9, 20 29 42.6 +1.2, 20 29 42.6 +1.2, 20 29 42.6 +1.2, 20 29 42.6 +1.2, 20 29 47.0 +0.9, 20 29 47.0 +0.9, 20 29 46.0 -0.5, 20 29 46.0 -0.5, 20 29 47.6 +0.7, 20 29 47.6 +0.7, 20 29 54.5 +1.2, 20 29 54.5 +1.2, 20 29 55.2 +1.5, 20 30 36.3 -1.8, 20 29 59.2 +1.5, 20 30 05.2 +1.0, 20 30 06.8 +1.1, 20 30 06.8 +1.1, 20 30 59.5 -1.2, 20 31 02.0 +0.6, 20 31 08.6 -0.9, 20 31 08.6 -0.9, 20 31 09.8 -1.7, 20 31 22.8 -1.4

Table with columns: BSSI, APSI, KBKI, MMRI, PLAI, BATTI, BATTI, SIJI, WRA, ASAR, STKA, MKAR, Bau Bau, Buton, 1.63 164 P, 3.98 24 P, 4.05 288 P, 4.60 152 P, 4.79 208 P, 6.66 147 P, 1.9nm,0.3s,baz=359,slow=4.0,SNR=5.5, comp=Z,69nm,21.0s,baz=62,slow=37, 11.81 72 LR, 2.51nm,19.1s,baz=156,slow=40, Warramunga Arr, 20.69 139 P, 0.6nm,0.6s,baz=315,slow=12,SNR=5.9, Alice Springs, 23.23 146 P, 0.4nm,0.4s,baz=329,slow=11,SNR=5.3, Stephens Creek, 33.87 146 P, 1.5nm,0.8s,baz=329,slow=12,SNR=2.9, Makanchi Array, 61.04 331 P, 0.2nm,0.6s,baz=122,slow=6.9,SNR=3.4

TAP 24 20:38:15.7,23°93N,121°65E,h45km,ML3.0,C
JMA 24 20:38:15.4,23°89N,121°63E,h43km,1km,M2.9
ISC 24 20:38:16.4±1.0,23°91N,022°121.67E±0.02,h33km,2km,
n101,0s#84/188,4C-2D,Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h, m, s, ISC, HWA, Hualien, 0.09 315 eP, 20 38 23.2 +1.1, HWA, SBA, 20 38 28.5 +2.4, TWD, Chiawan, 0.18 337 iP, 20 38 23.5 +0.6, TWD, baz=332, 20 38 28.9 +1.7, ESL, Shilin, 0.24 246 iP, 20 38 23.7 +0.4, ESL, baz=248, 20 38 29.2 +0.9, NACB, Ninganchiao, 0.27 344 iP, 20 38 23.8 0.0, NACB, baz=337, 20 38 29.6 +0.7, EGFH, Guangfu, 0.33 223 eP, 20 38 24.5 -0.1, EGFH, baz=228, 20 38 30.4 +0.2, ETLH, Xiulin Townshi, 0.34 329 P, 20 38 24.5 -0.4, ETLH, baz=323, 20 38 30.4 -0.1, WHF, Hehuan Shan, 0.44 302 iP, 20 38 26.0 -0.4, WHF, baz=298, 20 38 33.2 -0.2, HGSD, Ruisui, 0.48 209 P, 20 38 27.0 +0.3, HGSD, baz=219, 20 38 34.6 +0.5, CHGB, Renai, 0.48 288 iP, 20 38 26.8 -0.1, CHGB, baz=286, 20 38 34.1 0.0, FUSS, Fushou, 0.52 310 P, 20 38 27.1 -0.3, FUSS, baz=312, 20 38 35.1 0.0, ENA, Nanau, 0.52 7 iP, 20 38 27.1 -0.2, ENA, baz=2.0, 20 38 35.3 +0.2, EHY, Hungye, 0.52 219 iP, 20 38 26.4 -1.0, EHY, baz=215, 20 38 33.9 -1.0, ENAH, Nanao, 0.55 13 P, 20 38 27.7 -0.1, ENAH, baz=14, 20 38 36.9 +1.0, TWT, Tachien, 0.57 307 iP, 20 38 28.1 -0.2, TWT, baz=308, 20 38 36.2 -0.1, NNSB, Datong, 0.58 333 iP, 20 38 27.5 -0.8, NNSB, baz=333, 20 38 35.7 -0.9, NNSH, Datong, 0.58 333 P, 20 38 27.9 -0.5, NNSH, baz=336, 20 38 35.7 -0.9, TDCB, Tech, 0.58 306 P, 20 38 27.8 -0.6, TDCB, baz=305, 20 38 36.3 -0.4, NNS, Nan Shan, 0.59 332 iP, 20 38 27.7 -0.8, NNS, baz=333, 20 38 36.2 -0.7, YULB, Yuli, 0.62 214 P, 20 38 27.6 -1.3, YULB, baz=219, 20 38 36.3 -1.4, TWF1, Yuli, 0.66 212 iP, 20 38 27.7 -1.6, TWF1, baz=219, 20 38 37.4 -1.2, WPL, Pull Township, 0.66 279 P, 20 38 28.9 -0.6, WPL, baz=275, 20 38 38.3 -0.5, SSLB, Suanglung, 0.67 259 P, 20 38 28.6 -0.9, SSLB, baz=260, 20 38 37.6 -1.4, DPDB, Guoxing, 0.69 280 P, 20 38 29.5 -0.4, NDT, Datong Townshi, 0.70 348 iP, 20 38 29.1 -0.9, NDT, baz=341, 20 38 32.2 -0.5, SMLT, Sun Moon Lake, 0.71 268 iP, 20 38 29.7 -0.5, SMLT, baz=269, 20 38 39.2 -0.8, TWC, Suao, 0.71 13 iP, 20 38 29.8 -0.3, TWC, baz=20, 20 38 40.4 +0.4, ENT, Nioudou, 0.73 352 iP, 20 38 29.6 -0.8, ENT, baz=352, 20 38 39.4 -1.1, ENT, Yuch, 0.75 269 iP, 20 38 30.3 -0.4, TYC, Yuch, 0.75 269 iP, 20 38 30.3 -0.4, WHP, Taichung City, 0.76 299 P, 20 38 31.2 +0.4, WHP, baz=300, 20 38 41.0 -0.2, WHYT, Xinyi Township, 0.78 254 iP, 20 38 31.6 +0.5, WHYT, baz=253, 20 38 41.8 +0.1, YUS, Yu-Shan, 0.79 238 P, 20 38 31.1 -0.5, YUS, baz=232, 20 38 41.8 -0.6, FULB, Fuli, 0.79 206 P, 20 38 30.7 -0.6, FULB, baz=215, 20 38 41.5 -0.5, YHNB, Yeheng, 0.80 340 iP, 20 38 30.8 -0.7, YHNB, baz=344, 20 38 41.0 -1.3, TWE, Neicheng, 0.80 360 iP, 20 38 30.7 -0.8, TWE, baz=353, 20 38 41.4 -0.8, NSK, Sanguang, 0.81 339 iP, 20 38 30.9 -0.7, NSK, baz=339, 20 38 41.0 -1.5, CHKT, Chengkung, 0.86 199 P, 20 38 31.7 -0.5, CHKT, baz=190

Table with columns: CHKT, WJS, WJS, NWLT, NWLT, ALS, ALS, WNT, WNT, WNT1, WNT1, WNT1, TWQ1, TWQ1, ELDTW, ELDTW, ELDTW, NSTT, NSTT, NSTT, TCU, TCU, LIOB, LIOB, LIOB, NTC, NTC, EGS, EGS, EGS, CHN5, CHN5, CHN5, NSY, NSY, NSY, WCHH, WCHH, WDJ, WDJ, WDJ, WGK, WGK, WGK, HSN1, HSN1, TIPB, TIPB, TIPB, WDLH, WDLH, WDLH, TWA, TWA, TWA, TATO, TATO, TATO, SBBC, SBBC, STYT, STYT, STYT, TWB1, TWB1, TWB1, TPUB, TPUB, TPUB, CHN4, CHN4, NCUH, NCUH, NCUH, NCU, NCU, NCU, NWF, NWF, WFSB, WFSB, WFSB, CHN2, CHN2, WTP, WTP, WTP, WTK, WTK, WTK, RLNB, RLNB, RLNB, TWST1, TWST1, CHY, CHY, TWG, TWG, TWG, TWGBT, TWGBT, TWGBT, YM01, YM01, YM01, YM04, YM04, YM04, YM10, YM10, YM10, YM05, YM05, YM05, YM05, YM11, YM11, YM11, TWK, TWK, TWK, YM03, YM03

DJA 24 20:30:56.1±0.3,5°S;2°12'0E±,h10km,M3.9/12,
MLV3,9/12
IDC 24 20:30:57.4±1.4,3°64S,121°69E,h0km,mb3.3/4,
mb1 3.6/5,mb1mx3/3.6,mbtrp3.5/5,ML3.8/1,MS2.8/2,
Ms1 2.8/2,ms1mx2.5/1.8,Error ellipse: s-maj=155.9km
s-min=22.1km az=61.0
ISC 24 20:30:56.9±0.9,4.57S,120°04'12.03E±0.07,h10km,n15,
0°18'14,mb3.4/3,Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, h, m, s, ISC, BNSI, Bone, 0.18 26 P, 20 30 59.5 -1.2, BNSI, baz=26, 20 31 02.0 +0.6, SPSP, Sidrap Palu, 0.65 337 P, 20 31 08.6 -0.9, BKSI, Bulukumba, 0.76 173 P, 20 31 09.8 -1.7, TTST, Tana Toraja, 1.52 352 P, 20 31 22.8 -1.4

Table with columns: YM11, YM11, TWK, TWK, YM03, YM03

Table with columns: Code, Station Name, Az, Phase, ID, ISC, H, m, Res. Includes stations like ARCES ARCESS Array B, TORODI Ar. Bea, YKA, WRA, ASAR, etc.

IDD 24.21:33.59.6.0.4, 6.26S: 131.07E, h0km, mb4.9/20, mb1.5/0.23, mb1mx4.9/28, mbtmp.5/0.23, ML4.2/3, MS4.1/25, MS1.4/1.25, ms1mx4.0/34, Error ellipse: s-maj=15.9km s-min=10.9km az=69.0

Main station list table with columns: Code, Station Name, Az, Phase, ID, ISC, H, m, Res. Lists numerous stations across various regions.

Main station list table with columns: Code, Station Name, Az, Phase, ID, ISC, H, m, Res. Lists numerous stations across various regions.

Main station list table with columns: Code, Station Name, Az, Phase, ID, ISC, H, m, Res. Lists numerous stations across various regions.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MDJ, RPZ, TAPN, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KBL, ZAAO, SEM, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KMBO, K27K, BCAR, etc.

IDC 24.02.00:40.6:10.0,28:445:178:63W, h361km±106km, mb23.0/2, mb13.3/3, mb1mx3.0/2.1, mbtmp3.9/3, Error ellipse: s-maj=92.5km s-min=39.7km az=17.0, Kermadec Islands region

Table with columns: BLY, Station Name, Az, Alt, P, S, Time, Res, ISC. Includes stations like Banja Luka, Nestorio, Dopca, Kurdzhal, Kozani, Muntele Rosu, etc.

Table with columns: Code, Station Name, Az, Alt, P, S, Time, Res, ISC. Includes stations like Mezcala, Mezcala, Platanillo, Yautepuc, Fresnillo de T, etc.

Table with columns: T25A, Station Name, Az, Alt, P, S, Time, Res, ISC. Includes stations like Trinidad, Lo Mia Camp, Poplar Bluff, Van Buren, etc.

NEIC 24 22:53:22.2.1, 17.96N, 0.04-99.16W, 0.04, h59km, 2km, Error ellipse: s-maj=6.3km s-min=5.9km az=216.0 MEX 24 22:53:22.5.0.8, 17.98N, 99.14W, h58km, 7km, MD4.4 IDC 24 22:53:24.3.5.18, 18.34N, 98.87W, h69km, 31km, M3.8/11, mb1.4/1.14, mb1mx3.8/4.2, mbtmp4.2/14, ML4.2/3, MB3.3/7,

Table with columns for station code, name, frequency, and other technical details. Includes stations like YJAR, JSB, JOFO, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like KUR, MSHR, JNU, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like ZEA, PEAOB, NJ2, etc.

1199

Table with columns: YAK SEY, YAKUTSK, SEYMCHAN, etc. Includes flight details like destination, time, and status.

2014 DEC

Table with columns: TIKSI, KMI, KUNNING, etc. Includes flight details like destination, time, and status.

24d 23h

Table with columns: LUWI, LUWUK, SRAK, etc. Includes flight details like destination, time, and status.

1201

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASAR, Alice Springs, HSPB, etc.

2014 DEC

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

24d 23h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KIV, Alice Springs, HSPB, etc.

24d 23h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Columbia Colle, NORARS Array S, Dombas, etc.

2014 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Dugway, Toele, DECO, Gre Verdugo, etc.

1202

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CRVS, Cervenica-Dubn, Casper, etc.

24d 23h

| | | | | | | |
|------|-----------------|-------|-----|----------|----------|-----------------|
| AMTX | Amarillo | 87.22 | 47 | P | P | 23 18 53.2 +1.7 |
| AMTX | Amarillo | 87.22 | 47 | I Amb | I Amb | 23 18 54.5 |
| JFWS | Jewell Farm | 87.30 | 35 | P | P | 23 18 52.5 +0.9 |
| JFWS | Jewell Farm | 87.30 | 35 | I Amb | I Amb | 23 18 53.0 |
| ITM | Ithom | 87.30 | 316 | I AMs_20 | I AMs_20 | 00 01 05.0 |
| LSOQ | Lebel-sur-Quev | 87.36 | 24 | P | P | 23 18 53.3 +1.0 |
| MATE | Matera | 87.50 | 321 | P | P | 23 18 52.6 +0.1 |
| NRCA | Norcia | 87.54 | 325 | I AMs_20 | I AMs_20 | 23 18 55.28.0 |
| CHGO | Chibougamau | 87.56 | 22 | P | P | 23 18 53.2 +0.5 |
| VLC | Villacollemand | 87.71 | 327 | I AMs_20 | I AMs_20 | 00 01 21.4 |
| LOR | Lormes | 87.76 | 333 | P | P | 23 18 54.8 +1.1 |
| AQU | L'Aquila | 87.78 | 324 | P | P | 23 18 53.9 -0.1 |
| AQU | L'Aquila | 87.78 | 324 | P | P | 23 18 54.2 +0.2 |
| AQU | L'Aquila | 87.78 | 324 | I Amb | I Amb | 23 18 53.9 -0.1 |
| AQU | L'Aquila | 87.78 | 324 | I AMs_20 | I AMs_20 | 00 04 30.4 |
| INTR | Introdacqua | 87.81 | 324 | I Amb | I Amb | 23 18 55.8 |
| MSSA | Maisanna | 87.95 | 328 | I AMs_20 | I AMs_20 | 00 01 38.0 |
| LPL | La Plagne | 88.12 | 330 | eP | P | 23 18 55.8 +0.1 |
| LPG | La Plagne | 88.13 | 330 | eP | P | 23 18 56.1 +0.2 |
| VLDQ | Val d'Or | 88.14 | 25 | P | P | 23 18 55.4 -0.1 |
| GLMI | Grayling | 88.23 | 31 | P | P | 23 18 57.8 +1.8 |
| L42A | Oliver, Polo | 88.28 | 36 | I Amb | I Amb | 23 18 58.1 |
| GRR | Gorron | 88.42 | 336 | eP | P | 23 18 56.8 0.0 |
| TBI | Tubuai | 88.50 | 121 | eLR | LR | 23 46 39.0 |
| TBI | Tubuai | 88.50 | 121 | eP | T | 00 56 35.3 |
| TIP | Timpagrande | 88.58 | 320 | eP | P | 23 18 58.1 +0.3 |
| TIP | Timpagrande | 88.58 | 320 | I Amb | I Amb | 23 19 14.9 |
| T35A | Sooner Cattle | 88.68 | 43 | I Amb | I Amb | 23 19 00.4 |
| N41A | Harden Midland | 88.72 | 37 | I Amb | I Amb | 23 19 00.8 |
| MBDF | Mbordard | 88.76 | 330 | eP | P | 23 18 57.4 -1.3 |
| L44A | Lake County Fo | 88.94 | 34 | P | P | 23 19 00.2 +0.8 |
| ORIF | Oris-en-Rattie | 88.95 | 330 | eP | P | 23 18 59.6 +0.1 |
| WRIC | Wichita Moun | 89.00 | 46 | P | P | 23 19 01.0 +1.2 |
| WRIC | Wichita Moun | 89.00 | 46 | I Amb | I Amb | 23 19 02.5 |
| VIVF | Saint-Julien-I | 89.48 | 331 | eP | P | 23 19 02.2 +0.3 |
| QUIF | Quistinic | 89.57 | 337 | eP | P | 23 19 02.0 -0.2 |
| HDIL | Hopedale | 89.58 | 36 | P | P | 23 19 03.8 +1.4 |
| D55A | Sainte-Anne-du | 89.75 | 24 | P | P | 23 19 04.1 +1.0 |
| ALGO | Algonquin Park | 89.80 | 26 | P | P | 23 19 03.9 +0.6 |
| TX32 | Lajitas Array | 89.85 | 52 | P | P | 23 19 05.5 +1.5 |
| TXAR | Lajitas Array | 89.85 | 52 | P | P | 23 19 05.5 +1.5 |
| TXAR | Lajitas Array | 89.85 | 52 | P | P | 23 19 05.5 +1.5 |
| TXAR | Lajitas Array | 89.85 | 52 | P | P | 23 19 05.4 +1.4 |
| R40A | Maddies Statio | 89.88 | 39 | P | P | 23 19 04.5 +0.6 |
| R40A | Maddies Statio | 89.88 | 39 | I Amb | I Amb | 23 19 06.2 |
| D56A | ZEC Mazanza, M | 89.96 | 24 | P | P | 23 19 05.1 +1.0 |
| ABTX | Abielene, Hawle | 90.01 | 48 | P | P | 23 19 06.0 +1.4 |
| ABTX | Abielene, Hawle | 90.01 | 48 | P | P | 23 19 05.8 +1.2 |
| ABTX | Abielene, Hawle | 90.01 | 48 | I Amb | I Amb | 23 19 07.4 |
| E55A | Montcerf-Lytto | 90.06 | 25 | P | P | 23 19 05.2 +0.7 |
| G54A | Lake Saint Pet | 90.26 | 27 | P | P | 23 19 06.7 +1.1 |
| LA7Q | La Tuque | 90.29 | 23 | P | P | 23 19 06.6 +1.0 |
| E56A | St. Veronique | 90.32 | 24 | P | P | 23 19 06.8 +1.0 |
| CAF | Calviac | 90.41 | 333 | eP | P | 23 19 06.6 +0.4 |
| SADO | Sadowa | 90.42 | 28 | P | P | 23 19 06.8 +0.6 |
| D58A | Chemin du LacG | 90.51 | 23 | P | P | 23 19 07.6 +1.0 |
| IC51 | Listowel | 90.52 | 29 | P | P | 23 19 08.8 +2.1 |
| 15M | Cathedral Cave | 90.58 | 39 | P | P | 23 19 08.4 +1.3 |
| CCM | Cathedral Cave | 90.58 | 39 | P | P | 23 19 08.0 +0.9 |
| CCM | Cathedral Cave | 90.58 | 39 | P | P | 23 19 08.0 +0.9 |
| CCM | Cathedral Cave | 90.58 | 39 | P | P | 23 19 08.9 |
| AAM | Ann Arbor | 90.70 | 32 | P | P | 23 19 09.0 +1.4 |
| E57A | Chemin Saint G | 90.72 | 24 | P | P | 23 19 09.2 +1.5 |
| SFIN | Lafayette | 90.75 | 35 | P | P | 23 19 09.1 +1.2 |
| TRQ | Mont Tremblant | 90.76 | 24 | P | P | 23 19 08.9 +1.0 |
| H53A | Bocbaycegon | 90.79 | 27 | P | P | 23 19 09.1 +1.2 |
| D59A | Saint-Raymond | 90.91 | 22 | P | P | 23 19 09.8 +1.4 |
| Q44A | Meyer Farm, Va | 91.01 | 37 | I Amb | I Amb | 23 19 11.7 |
| E58A | La Victoria | 91.03 | 23 | P | P | 23 19 10.3 +1.2 |
| FVM | French Village | 91.04 | 39 | I Amb | I Amb | 23 19 11.8 |
| U40A | Yellville | 91.05 | 41 | P | P | 23 19 10.2 +0.8 |
| D61A | St Aubert, Com | 91.22 | 21 | P | P | 23 19 10.9 +1.0 |
| D60A | Saint Jean D'O | 91.22 | 22 | P | P | 23 19 11.0 +0.9 |
| P46A | Rosedale | 91.30 | 36 | I Amb | I Amb | 23 19 13.0 |
| F58A | St-Lin Laurent | 91.31 | 24 | P | P | 23 19 11.5 +1.2 |
| W39A | Magazine | 91.43 | 42 | P | P | 23 19 12.0 +0.8 |
| W39A | Magazine | 91.43 | 42 | I Amb | I Amb | 23 19 18.6 |
| JCT | Junction City | 91.44 | 49 | P | P | 23 19 12.6 +1.3 |
| OLL | Olney | 91.59 | 37 | I AMs_20 | I AMs_20 | 00 01 53.3 |
| G57A | Newington | 91.60 | 25 | P | P | 23 19 12.5 +0.8 |
| E60A | Ste Agathe de | 91.60 | 22 | P | P | 23 19 12.9 +1.2 |
| N49A | Columbus Grove | 91.61 | 33 | I Amb | I Amb | 23 19 19.4 |
| D62A | Allapoint, All | 91.65 | 20 | P | P | 23 19 13.2 +1.3 |

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|------|-----------------|-------|-----|----------|----------|-----------------|
| D62A | Allapoint, All | 91.65 | 20 | I Amb | I Amb | 23 19 14.5 |
| F59A | Saint Guillaume | 91.66 | 23 | P | P | 23 19 13.3 +1.4 |
| WHXT | Lake Whitney | 91.75 | 47 | P | P | 23 19 14.2 +1.6 |
| FCAR | Ozark Folk Cen | 91.79 | 41 | I Amb | I Amb | 23 19 14.6 |
| F60A | Warwick | 91.81 | 23 | P | P | 23 19 14.2 +1.6 |
| S44A | Carbondale | 91.85 | 38 | I Amb | I Amb | 23 19 14.8 |
| SIUC | Southern | 91.85 | 38 | I Amb | I Amb | 23 19 14.9 |
| G58A | Ormsdown | 91.87 | 24 | P | P | 23 19 14.0 +1.0 |
| VSL | Villasalto | 91.90 | 325 | I AMs_20 | I AMs_20 | 00 01 44.4 |
| D63A | Stockholm | 91.95 | 20 | P | P | 23 19 15.1 +1.8 |
| PBMO | Poplar Bluff | 91.98 | 39 | I Amb | I Amb | 23 19 16.0 |
| H57A | Richville | 92.02 | 26 | P | P | 23 19 14.9 +1.2 |
| MIAR | Mount Ida | 92.04 | 43 | P | P | 23 19 15.3 +1.4 |
| MIAR | Mount Ida | 92.04 | 43 | I Amb | I Amb | 23 19 16.6 |
| F61A | St Evariste | 92.10 | 22 | P | P | 23 19 16.0 +2.0 |
| LCAR | Lake Charles | 92.15 | 40 | I Amb | I Amb | 23 19 16.6 |
| LYNR | Lake Ozona | 92.16 | 25 | P | P | 23 19 15.1 +0.7 |
| W41B | Gary Mavity, V | 92.27 | 41 | P | P | 23 19 15.7 +0.7 |
| W41B | Gary Mavity, V | 92.27 | 41 | I Amb | I Amb | 23 19 17.1 |
| PQI | Presque Isle | 92.31 | 20 | I Amb | I Amb | 23 19 16.8 |
| ERPA | Erie | 92.35 | 30 | P | P | 23 19 16.7 +1.5 |
| L53A | Girard | 92.38 | 30 | P | P | 23 19 16.9 +1.5 |
| I57A | Carthage | 92.39 | 26 | P | P | 23 19 16.3 +0.9 |
| E63A | Oxbow | 92.43 | 20 | P | P | 23 19 16.2 +0.7 |
| E63A | Oxbow | 92.43 | 20 | I AMs_20 | I AMs_20 | 00 06 16.6 |
| H59A | Cadyville | 92.44 | 24 | P | P | 23 19 16.5 +0.9 |
| G60A | Masonville | 92.47 | 23 | P | P | 23 19 16.7 +0.9 |
| H58A | Gabriels | 92.47 | 25 | P | P | 23 19 17.0 +1.2 |
| X40A | Basin Creek Fa | 92.48 | 42 | P | P | 23 19 17.0 +1.0 |
| X40A | Basin Creek Fa | 92.48 | 42 | I Amb | I Amb | 23 19 18.6 |
| P49A | Miami Univ. Ec | 92.51 | 34 | P | P | 23 19 17.0 +0.9 |
| P49A | Miami Univ. Ec | 92.51 | 34 | I Amb | I Amb | 23 19 18.3 |
| J56A | Wolcott | 92.54 | 27 | P | P | 23 19 17.3 +1.3 |
| 435B | Jarrell | 92.55 | 48 | P | P | 23 19 17.9 +1.6 |
| G61A | St-Isidore-de- | 92.56 | 23 | P | P | 23 19 17.9 +1.7 |
| E64A | Bridgewater | 92.60 | 20 | P | P | 23 19 17.7 +1.4 |
| ACSO | Alum Creek Sta | 92.69 | 33 | P | P | 23 19 18.0 +1.1 |
| ACSO | Alum Creek Sta | 92.69 | 33 | I Amb | I Amb | 23 19 18.7 |
| J57A | Williamstown | 92.73 | 26 | P | P | 23 19 17.9 +0.9 |
| H60A | Morristown | 92.83 | 24 | P | P | 23 19 18.3 +0.8 |
| WCI | Wyandotte Cave | 92.84 | 36 | P | P | 23 19 18.8 +1.2 |
| I58A | Old Forge | 92.85 | 26 | P | P | 23 19 19.0 +1.5 |
| K56A | Middlesex | 92.87 | 28 | P | P | 23 19 18.6 +0.9 |
| G62A | West of Eustis | 92.92 | 22 | P | P | 23 19 19.5 +1.7 |
| F64A | Sherman | 92.96 | 20 | P | P | 23 19 19.4 +1.4 |
| M54A | Oil Creek Stat | 92.99 | 30 | P | P | 23 19 19.6 +1.3 |
| J58A | Remsen | 93.03 | 26 | P | P | 23 19 19.5 +1.2 |
| H61A | Lyndonville | 93.10 | 23 | P | P | 23 19 20.2 +1.5 |
| ETSF | Etsaut | 93.11 | 333 | eP | P | 23 19 19.2 +0.4 |
| J59A | Piesco | 93.21 | 25 | P | P | 23 19 20.5 +1.3 |
| 833A | Chaparral WMA, | 93.22 | 51 | P | P | 23 19 21.6 +2.0 |
| PKME | Peaks-Kenny Pk | 93.24 | 21 | P | P | 23 19 20.8 +1.5 |
| L56A | Greenwood | 93.27 | 28 | P | P | 23 19 20.9 +1.4 |
| I60A | Shoreham | 93.28 | 25 | P | P | 23 19 21.0 +1.6 |
| G63A | Kingsbury | 93.28 | 22 | P | P | 23 19 20.9 +1.4 |
| H62A | Milroy | 93.31 | 23 | P | P | 23 19 21.4 +1.7 |
| N54A | Moraine State | 93.33 | 30 | P | P | 23 19 21.0 +1.2 |
| G64A | Maxfield | 93.41 | 21 | P | P | 23 19 21.4 +1.4 |
| 053A | New Philadelph | 93.43 | 31 | P | P | 23 19 21.5 +1.1 |
| Q51A | Peebles | 93.53 | 33 | I Amb | I Amb | 23 19 23.1 |
| P52A | Corning | 93.55 | 32 | P | P | 23 19 21.9 +1.0 |
| I61A | Oroboro, Fairl | 93.55 | 24 | P | P | 23 19 22.5 +1.7 |
| H63A | New Sharon | 93.57 | 22 | P | P | 23 19 22.4 +1.6 |
| M56A | Emporium | 93.59 | 29 | P | P | 23 19 22.1 +1.1 |
| J60A | Lant Hill Farm | 93.77 | 25 | P | P | 23 19 23.2 +1.4 |
| WVT | Waverly | 93.78 | 38 | P | P | 23 19 22.9 +1.0 |
| G65A | Princeton | 93.79 | 20 | P | P | 23 19 23.4 +1.6 |
| BNY | Binghamton | 93.79 | 27 | P | P | 23 19 22.6 +0.7 |
| I63A | Otisfield | 93.96 | 23 | P | P | 23 19 25.0 +2.4 |
| N56A | West Decatur | 94.03 | 29 | P | P | 23 19 24.2 +1.1 |
| H65A | Eastbrook | 94.06 | 21 | P | P | 23 19 25.2 +2.2 |
| M57A | Sunshine Farm, | 94.12 | 28 | P | P | 23 19 24.8 +1.4 |
| OXF | Oxford | 94.26 | 40 | P | P | 23 19 26.2 +2.0 |
| K61A | Willstown | 94.33 | 25 | P | P | 23 19 26.1 +1.7 |
| M58A | Price's Panora | 94.34 | 28 | P | P | 23 19 26.1 +1.6 |
| Q53A | Leroy | 94.46 | 32 | P | P | 23 19 26.8 +1.8 |
| O56A | Blue Knob Stat | 94.48 | 30 | P | P | 23 19 26.1 +0.9 |
| M59A | Waymart | 94.57 | 27 | P | P | 23 19 27.1 +1.6 |
| KEST | Kesra | 94.94 | 323 | P | P | |

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

NNC 25 00:23:30.0, 0.3, 40.52N, 63.10E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=5.7km s-min=2.4km az=148.0

ISU 25 00:23:36.0, 4.0, 40.40N, 63.30E, h0km

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

IDC 25 00:28:03.8, 1.1, 30.87N, 142.24E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.7/32, mbtmp3.8/9, ML3.5/2, MS1.3/5/2, ms1mx2.8/8, Error ellipse: s-maj=39.5km s-min=18.3km az=79.0

NEIC 25 00:28:08.4, 0.8, 30.87N, 142.2E, 0.2, h29km, 6km, mb4.2/14, Error ellipse: s-maj=21.2km s-min=9.4km az=80.0

JMA 25 00:28:09.5, 0.4, 31.24N, 142.51E, h74km, M3.9

ISC 25 00:28:09.3, 0.8, 30.91N, 142.07E, h142.3E, 0.1, h37km, n37, +090.37, mb4.1/12, Southeast of Honshu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Borovoye, Karatay Array, etc.

HLW 25 00:40:41.3, 34.27N, 20.77E, h24km, 46km, Md4.0, M3.9 PDG 25 00:40:53.6, 0.2, 34.68N, 20.59E, h14km, 3km, ML4.3/13, Error ellipse: s-maj=3.9km s-min=0.8km az=90.0

GII 25 00:40:56.7, 0.0, 34.24N, 22.12E, h10km, Mm3.6/1

ISC 25 00:40:44.0, 1.5, 33.86N, 0.09, 20.9E, 0.1, h10km, n57, +170.59, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GVD, GVDs, RODP, KTHA, etc.

BUI 25 00:48:23.9, 0.0, 7.01S, 155.92E, h5km, mB5.4/49, mB5.2/68, mB5.0/45, M5.7/44

NEIC 25 00:48:25.1, 1.4, 7.37S, 0.07, 155.97E, 0.06, h10km, 1km, mb5.3/113, Error ellipse: s-maj=13.5km s-min=9.8km az=209.0

MOS 25 00:48:28.5, 1.0, 7.21S, 155.78E, h39km, mb5.5/63, MS4.9/4, Error ellipse: s-maj=7.7km s-min=5.6km az=121.1

IDC 25 00:48:30.6, 1.4, 7.31S, 155.92E, h49km, 13km, mb4.8/22, mb1 4.9/27, mb1mx4.8/20, mbtmp5.0/27, ML4.0/5, MS4.6/19, MS1 4.7/19, ms1mx4.6/23, Error ellipse: s-maj=12.6km s-min=9.9km az=49.0

GCMT 25 00:48:31.1, 1.0, 7.37S, 0.07, 155.93E, 0.01, h24km, MW5.3/132, Moment Tensor Solution, s132, c208, s124, c214, Duration: 1st Moment tensor: Scale 1017 Nm, M1: 0.07; 0.2; M2: 0.81; 0.1; M3: 0.25; 0.1; M4: 0.53; 0.2; M5: 0.64; 0.1; M6: 0.36; 0.2; Best double couple: Mo1: 31700.1017 NP1: 303.00000; 830.00000; 190.00000; NP2: 124.00000; 860.00000; 190.00000; Principal axes: T 1.2370, Plg75.0000; Azm34.0000; N 0.1640, Plg0.0000; Azm303.0000; P -1.3960, Plg15.0000; Azm213.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s

Triangular moment-rate function

DJA 25 00:48:33.4, 0.2, 7.31S, 155.92E, h67km, 4km, M5.3/48, mb5.2/48, mb5.7/23, MLv5.6/2, MW(MB)5.2/23, Mwp5.4/6

ISC 25 00:48:29.8, 0.2, 7.39S, 0.04, 155.98E, 0.04, h44km, n519, +171/529, mb5.2/147, MS4.7/38, 23C-9D, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 30nm, 0.3s, baz=346, slow=1.5, SNR=15, etc.

CTA Charters Tower 15.76 216 P Pn 00 52 10.2 +1.4

CTA Charters Tower 15.76 216 P Pmax 00 52 10.5 +1.7

CTAO Charters Tower 15.76 216 P Pmax 00 52 10.0 +1.2

CTAO Charters Tower 15.76 216 P Pmax 00 52 10.6 +1.0

JAY Jayapura 15.96 287 P Pn 00 52 09.9 -1.6

GENI Geniyem 16.45 286 P P 00 52 21.8 +1.9

DZM Mont Dzumac 17.75 146 eP Pn 00 52 35.8 +1.5

DZM Mont Dzumac 17.75 146 eP LR 00 56 38.0

DZM Mont Dzumac 17.75 146 P P 00 52 35.6 +1.3

DZM Mont Dzumac 17.75 146 P P 00 52 34.4 +0.1

SMPI Sarmi 18.02 286 P P 00 52 40.1 +2.9

EIDS Eidsvold 18.48 194 P Pn 00 52 44.1 +1.4

EIDS Eidsvold 18.48 194 P Pn 00 52 42.9 +0.2

RMQ Roma 20.20 199 P Pn 00 53 02.9 -0.3

QIS Mount Isa 20.56 229 P Pn 00 53 06.5 -1.0

BAKI Biak 20.74 286 P P 00 53 08.2 +1.2

QLP Quijipe 22.12 290 P P 00 53 22.0 +0.4

ARM Armidale 23.27 190 P P 00 53 34.5 -0.7

ARMA Armidale 23.27 190 P P 00 53 33.3 -0.5

KDV Kakadu 23.73 255 P P 00 53 37.7 -0.4

MSF Nonsau 23.84 118 P P 00 53 40.2 +0.9

MSFV Nonsau 23.84 118 P Pmax 00 53 40.2 +0.9

MSFV Nonsau 23.84 118 P Iamb Iamb 00 53 42.1

FAKI Fak Fak 24.04 279 P P 00 53 41.4 +0.3

WRO Warrungarra Arr 24.25 237 P P 00 53 52.5 +0.5

WRO Warrungarra Arr 24.25 237 P Iamb Iamb 00 53 56.9

WB0 Warrungarra Arr 24.28 237 P P 00 53 42.8 -0.5

WRAB Tennant Creek 24.39 237 dP Pmax 00 53 44.3 0.0

WRAB Tennant Creek 24.39 237 dP Pmax 00 53 44.5 +0.1

WB2 Warrungarra Arr 24.40 237 P Iamb Iamb 00 53 59.0

WRA Warrungarra Arr 24.41 237 P P 00 53 40.8 -0.6

WRA Warrungarra Arr 24.41 237 P ScP 01 00 58.3 +0.1

SAUI Saumlaki 24.46 267 P P 00 53 46.4 +1.5

SAUI Saumlaki 24.46 267 P P 00 53 49.0 0.0

MTN Mantam Dam 25.04 255 P P 00 53 50.8 +0.6

MTN Mantam Dam 25.04 255 P Iamb Iamb 00 54 14.0 +0.2

SIJ Sorong 25.47 284 P P 00 53 53.8 -0.3

SWI Sorong 25.48 284 P P 00 53 55.8 +1.7

SWI Sorong 25.48 284 P Pmax 00 53 56.0 +1.9

CMSA Cobar Meteorol 25.88 200 P P 00 53 57.7 +0.2

AS31 Alice Springs 26.66 230 P P 00 54 04.2 -0.6

AS31 Alice Springs 26.66 230 P P 00 54 04.3 -0.4

ASAR Alice Springs 26.66 230 P P 00 57 28.3 +0.3

ASAR Alice Springs 26.66 230 P ScP ScP 01 01 03.0 -1.7

ASAR Alice Springs 26.66 230 P LR LR 01 04 35.7

ASAR Alice Springs 26.66 230 P P 00 54 04.0 -0.8

ASAR Alice Springs 26.66 230 P P 00 54 04.0 -0.8

STKA Stephens Creek 27.81 207 P P 00 54 14.6 -0.4

STKA Stephens Creek 27.81 207 P P 00 54 15.3 +0.3

STKA Stephens Creek 27.81 207 P LR LR 01 05 26.2

STKA Stephens Creek 27.81 207 P P 00 54 14.5 -0.5

STKA Stephens Creek 27.81 207 P P 00 54 14.5 -0.5

H11N1 WAKE ISLAND HY 29.01 22 T T 01 24 19.2

H11N2 WAKE ISLAND HY 29.01 22 T T 01 24 20.7

SANI Sanana 30.34 279 P P 00 54 40.6 +2.9

HHT Hallett 30.35 209 P P 00 54 37.0 -0.6

FITZ Fitzroy Crossi 31.39 247 P P 00 54 47.0 +0.2

FITZ Fitzroy Crossi 31.39 247 P P 00 54 47.1 +0.2

FITZ Fitzroy Crossi 31.39 247 P Iamb Iamb 00 55 09.3

SOEI Soe 31.44 263 P P 00 54 49.8 +2.3

SOEI Soe 31.44 263 P Iamb Iamb 00 54 47.8

TOO Toolangi 31.52 196 P Pmax 00 54 48.3 +0.5

TOO Toolangi 31.52 196 P Pmax 00 54 48.3 +0.5

WRKA Warakara 31.73 233 P P 00 54 49.3 +0.6

BATI Baunita 32.05 263 P P 00 54 54.5 +1.8

KNTN Kanton 32.84 84 P P 00 54 56.7 +0.1

KMSI Cibinong 32.88 283 P P 00 55 11.1 +1.1

MMRI Maumere 33.43 266 P P 00 55 04.6 -0.2

MMRI Maumere 33.43 266 P P 00 55 04.0 -0.7

LUWI Luwuk 33.69 279 P P 00 55 10.5 +3.4

LUWI Luwuk 33.69 279 P P 00 55 07.2 +2.0

GTOI Gorontalo 33.83 282 P P 00 55 10.3 +0.1

EDFI Ende, Flores 33.97 265 P P 00 55 07.3 -2.3

FORT Forrest 34.98 225 P Iamb Iamb 00 55 17.5 -0.5

FORT Forrest 34.98 225 P Iamb Iamb 00 55 31.5

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BASI Baing, WSI Wangapu, BNSI Bone, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like DL2 Dalian, IPM Iphoh, MDJ Mudanjiang, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like CD2, HHC Hu-ho-hao, TAOE Nuku Hiva, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, WMO, WMC, etc.

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

1208

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like U15A, North Rim, YKA, etc.

1213

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

WEL 25 03:19:09.4, 0.3, 39'S, 2', 178'E, h22km, 2km, M3.3/40, ML3.6/40, MLV3.3/40, Error ellipse: s-maj=0.0km s-min=0.0km az=75.8, North Island

Main table for 1213 with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists numerous stations like KNZ Kokohu, PRGZ Paritu Road, RIGZ Rimuhau, etc.

IDC 25 03:20:51.1, 6.1, 35'22N, 69'38E, h0km, mb3.7/2, mb1 3.6/5, mb1mx3.2/62, mbtmp3.6/5, ML3.1/3, MS3.7/2, Ms1 3.7/2, ms1mx3.6/47, Error ellipse: s-maj=126.5km s-min=54.7km az=97.0

ISC 25 03:20:52.8, 0.3, 35'33N, 0'2.687E, 0.3, h35km, n8, 0.0575/8, 2C, Hindu Kush region

Table for 1213 with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, MKAR Makanchi Array, etc.

NNC 25 03:22:06.9, 0.4, 43'03N, 74'84E, h2km, 3km, mb3.0, mpv2.6, Error ellipse: s-maj=3.3km s-min=1.4km az=157.0, KRNET 25 03:22:07.0, 1.4, 43'06N, 74'84E, h20km, mb2.3, SOME 25 03:22:07.9, 43'03N, 74'83E, h15km, KRNET 25 03:22:07.2, 0.3, 43'05N, 74'88E, h18km, 2km, ml1.2, Error ellipse: s-maj=2.8km s-min=1.9km az=178.0, ISC 25 03:22:07.5, 0.9, 43'04N, 0'02.7485E, 0.2, h18km, 4km, n42, 0.054/82, 27C-9D, Central Kazakhstan

Table for 1213 with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, etc.

2014 DEC

Main table for 2014 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists stations like BKB, SGDS, AAK, AAK, AAK, etc.

IDC 25 03:27:30.2, 4.5, 9'89S, 121'45E, h66km, 45km, mb3.4/2, mb1 3.5/5, mb1mx3.1/45, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=39.4km s-min=29.5km az=69.0, DJA 25 03:27:31.2, 1.7, 10'S, 5'12'E, h19km, 18km, M3.2/6, ML3.2/6, ISC 25 03:27:32.6, 0.8, 9'82S, 0'06.12152E, 0'06, h10km, n11, 2582/14, Savu Sea

Table for 2014 DEC with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like BASI Baing, Sumba, EDI Ende, Flores, MMRI Maumere, etc.

Table for 25d 3h with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like FITZ, WRA Warramunga Arr, WRA Warramunga Arr, etc.

IDC 25 03:32:32.8, 999.0, 68'65N, 74'33E, h0km, Error ellipse: s-maj=1079.0km s-min=257.2km az=166.0, Northwestern Siberia

Table for 25d 3h with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like I46RU ZALESOVO INFRA15.54 156 i, I18DK QAANAO INFRA32.46 346 i, etc.

MOS 25 03:36:56.2, 1.4, 54'95N, 110'70E, h9km, mb3.9/1, Error ellipse: s-maj=13.5km s-min=7.6km az=75.4, MOS Felt (I) at Ulyun Khan, BYKL 25 03:36:57.9, 0.1, 55'00N, 110'72E, h12km, 2km, FELT I=II MSK at Ulyun Khan

IDC 25 03:36:59.2, 5.7, 55'01N, 110'09E, h0km, mb1 3.6/4, mb1mx3.2/41, mbtmp3.6/4, ML3.0/4, Error ellipse: s-maj=66.6km s-min=33.0km az=70.0, ISC 25 03:36:55.8, 1.2, 55'06N, 0'02.11037E, 0'02, h1km, 10km, n59, 0.251/122, 11C-2D, Lake Baikal region

Main table for 25d 3h with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Lists numerous stations like YLYR Ulyun Khan, YLYR Ulyun Khan, YLYR Ulyun Khan, etc.

25d 6h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PNCN, PBDV, PMAFR, PCVE, PVAQ, EGRO, EVO, PSBE, PMTG, PESTR, EMIN, PMRV, ECAB, EADA.

REY 25 06:19:32.8, 64.67N, 17.45W, h9km
IDC 25 06:19:33.0, 0.9, 64.68N, 17.67W, h0km, mb3.6/9,
mb1 3.8/10, mb1mx3.6/46, mbtmp3.6/10, ML3.9/1, MS2.8/4,
Ms1 2.8/4, ms1mx2.5/45, Error ellipse: s-maj=32.0km
s-min=16.8km az=45.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like IDYN, IDJ, IURH, IURH, IHAM, IKVE, IHUS, ISKR, THOR, IKRE, IJOK, IMKO, IIEY, IKSK, ISVA, IKAL, IVSH, IFAG, IADA, IMEL, IREN, IGRS, IFED, IRJU, ISKI, IMJO, IGHA, IGRA, SCO.

2014 DEC

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SCO, EKA, NOA, SFJD, GERES, DAVOX, VRAC, ESDC, YKA, ILAR, MKAR, TORD, PDAR, SONM.

IDC 25 06:27:06.7, 2.8, 181.7N, 102.51W, h0km, mb3.4/2,
mb1 3.5/4, mb1mx3.3/37, mbtmp3.2/4, ML3.0/2, Error
ellipse: s-maj=52.1km s-min=24.3km az=34.0,
Michoacan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CMIG, TXAR, YKA, ILAR.

IDC 25 06:34:11.6, 2.4, 6.70N, 72.95W, h159km, 36km, mb1 3.6/2,
mb1mx2.9/34, mbtmp4.0/2, Error ellipse: s-maj=409.6km
s-min=7.6km az=132.0

RSCN 25 06:34:13.3, 1.3, 6.80N, 73.13W, h150km, 5km, ML3.4,
Mw3.6, Fault plane solution: N P1:phi=108.000000,
delta=18.000000, lambda=180.000000

IDC 25 06:34:11.5, 1.1, 1.621N, 103.731W, 0.04, h159km, 6km,
IS 25 06:34:11.5, 1.1, 1.621N, 103.731W, 0.04, h159km, 6km,
IS 25 06:34:11.5, 1.1, 1.621N, 103.731W, 0.04, h159km, 6km,

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BARC, BARRC, BARRC, TAMC, PUERTO BERRIO, OCAC, SPBC, ZARC, NORC, SMLC, CHIC, ROSC, RREF, CBCC, DBBC, TOLC, SDV, RREF, CBCC, DBBC, TOLC, SDV, ARGC, ANIL, ORTC.

1216

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ORTC, PLMC, GUVG, YOTC, MACC, MARP, URIC, ASAR, WRA.

JMA 25 06:43:17.7, 0.1, 43.24N, 146.10E, h45km, 1km, M3.1
SKHL 25 06:43:17.3, 0.3, 43.23N, 146.24E, h36km, 1km, mb4.5/3
ISC 25 06:43:16.6, 3.2, 43.2N, 0.1x146.2E, 0.2, h41km, 16km, n13,
c0511/22, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like NEM2, NEM2, NEM2, NMR, GLVR, GLVR, JKHN, JKHN, GRPR, GRPR, GRPR, YUK, YUK, YUK, JNSB, JRA, JRA, JAK, JAK, JNK, JNK, JOB, JOB, JAR, JAR, JTRK, JTRK.

IDC 25 06:45:38.8, 0.5, 24.31N, 109.22W, h0km, mb4.5/21,
mb1 4.7/28, mb1mx4.7/37, mbtmp4.5/28, ML4.2/27, MS4.5/26,
Ms1 4.5/26, ms1mx4.5/32, Error ellipse: s-maj=12.2km
s-min=9.0km az=178.0

MEX 25 06:45:40.4, 0.6, 24.32N, 109.15W, h12km, 8km, MD5.2
NEIC 25 06:45:42.2, 2.2, 24.42N, 0.07x109.08W, 0.08, h10km, 1km,
mb5.1/359, Mds.2/9(MEX), Error ellipse: s-maj=14.8km
s-min=10.3km az=228.0

BUL 25 06:45:43.0, 0.0, 24.40N, 109.00W, h10km, mb5.8/7,
mb5.3/8, Mds.2/7, Mst.7.4/97

GCMT 25 06:45:43.1, 0.2, 24.38N, 0.01x109.16W, 0.01, h18km,
MM5.2/133, Ms7.2/7, Moment tensor: s84,c117,
s133,c227; Duration: 150 Moment tensor: Scale 10^17
Nm; Mw=0.25±0.02; Mw0=0.73±0.01; Mw0.97±0.02;
Mw=0.20±0.04; Mw0.16±0.01; Mw0.07±0.03; Best double
couple: Mo.90400x10^17 NP1:phi=142.000000, delta.74.000000,
lambda.169.000000, NP2:phi=48.000000, delta.879.000000,
lambda.17.000000. Principal axes: T 0.9980, Plg4.000000,
Azim.96.000000; N -0.1880, Plg70.000000, Azim.197.000000; P
-0.8090, Plg19.000000, Azim.4.000000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function

ISC 25 06:45:41.6, 0.4, 24.48N, 109.04W, 0.05, h10km,
n684, r1965/536, mb5.1/162, MS4.6/29, 2D, Gulf of
California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TSIG, LPIG, LPIG, SSG, SSG, MAIG, MAIG, PDIG, PDIG, GUYB, GUYB, HPIG, HPIG, SRIG, SRIG, HSG, HSG, HSG, HSG, NZIG, NZIG, CGIG, CGIG, ZGIG, ZGIG, ZGIG, ZGIG, TX31, TX31, TX32, TX32, TXAR, TXAR, TXAR, TXAR, MNTX, MNTX, MNTX, MNTX, TUC, TUC, TUC, TUC, MNIG, MNIG, MNIG, MNIG, 121A, 121A, 121A, 121A, 121A, 121A.

25d 6h

2014 DEC

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Table with columns: TKL, Name, Time, Date, Status, Location, etc. Includes entries like Tuckaleechee C, Maddock, Marine on St., etc.

Table with columns: N53A, R56A, U58A, V59A, S57A, S57A, MCWV, T58A, Q56A, Q56A, N54A, N54A, U59A, R57A, S58A, P56A, Q57A, T59A, T59A, W61A, R58B, R58A, M54A, U60A, O56A, O56A, S59A, P57A, P57A, V61A, CBN, Q58A, R59A, N56A, V62A, S55A, S55A, P58A, O57A, FFC, FFC, N57A, Q59A, P60A, P60A, K56A, H53A, L57A, M58A, P60A, P60A, WUPA, N59A, N59A, O60A, O60A, K57A, LUPA, P61A, BINY, G54A, M59A, N60A, O61A, ALGO, K58A, J57A, ODNJ, M60A, L59A, N61A, TRNY, J58A, PAL, L60A, M61A, I58A, H57A, J59A, VLDO, G57A, NCB, LONY

Table with columns: LONY, M62A, K61A, J60A, L62A, F57A, L61B, D55A, E56A, I60A, G58A, H59A, M63A, LSQQ, MATO, K62A, SJCC, D56A, H60A, HRV, HRV, K63A, E58A, LBNH, G60A, F59A, H61A, D58A, F60A, H62A, G61A, CBCC, LATQ, ZARC, SMLC, CHGO, DLBC, E60A, D59A, PTBC, D60A, BRRR, OTAV, OTAV, YKA, YKA, GCUF, ROSC, ROSC, ROSC, PAMC, D62A, E63A, E63A, RUSC, CHIC, D63A, SDV, TAMC, SJG, GCPR, MTP, MCARA, GLB, N25K, N25K, DAWY, L26K, MENT, K27K, K27K, M24K, EGAK, SCRK, C36M, C36M, INK, CUT, HDA, HDA, RND, DRLN, ILAR, ILAR, MCK, WRH, COLA, COLA, TCOL, TCOL

1219 **2014 DEC** **25d 7h**

| | | | | | | | |
|-------|-----------------|-------|-----|------|------|------------|------|
| POKR | Poker Plat Res | 47.50 | 339 | P | P | 06 54 17.6 | +0.9 |
| MDM | Murphy Dome | 47.66 | 339 | IAMB | IAMB | 06 54 25.2 | |
| NEA2 | Nenani | 47.72 | 338 | P | P | 06 54 19.4 | +1.1 |
| I23K | Minto, Yukon-K | 48.16 | 338 | P | P | 06 54 22.5 | +0.8 |
| I23K | Minto, Yukon-K | 48.16 | 338 | IAMB | IAMB | 06 54 29.6 | |
| MLY | Manley | 48.56 | 338 | P | P | 06 54 25.7 | +0.8 |
| TTA | Tatalina | 49.39 | 334 | IAMB | IAMB | 06 54 38.2 | |
| COLD | Coldfoot | 49.71 | 340 | P | P | 06 54 34.7 | +1.1 |
| COLD | Coldfoot | 49.71 | 340 | P | P | 06 54 33.8 | +0.2 |
| COLD | Coldfoot | 49.71 | 340 | IAMB | IAMB | 06 54 42.5 | |
| TOLK | Toolik Lake Re | 50.42 | 342 | P | P | 06 54 39.7 | +0.7 |
| TOLK | Toolik Lake Re | 50.42 | 342 | IAMB | IAMB | 06 54 46.9 | |
| PTGA | Titling Lake | 53.73 | 110 | P | P | 06 55 04.8 | +0.5 |
| ANM | Nome | 53.86 | 334 | P | P | 06 55 05.2 | +0.7 |
| ANM | Nome | 53.86 | 334 | IAMB | IAMB | 06 55 12.5 | |
| A21K | Barrow | 53.97 | 343 | P | P | 06 55 04.7 | -0.6 |
| A21K | Barrow | 53.97 | 343 | P | P | 06 55 04.7 | -0.6 |
| A21K | Barrow | 53.97 | 343 | IAMB | IAMB | 06 55 12.3 | |
| RDOG | Red Dog Mine | 54.28 | 338 | P | P | 06 55 07.8 | +0.2 |
| TNA | Tin City | 55.21 | 334 | P | P | 06 55 13.8 | +0.5 |
| SFJD | Kangerlussuaq | 55.49 | 24 | P | P | 06 55 17.2 | +0.8 |
| SFJD | Kangerlussuaq | 55.49 | 24 | IAMB | IAMB | 06 55 24.9 | |
| TULEG | Thule | 55.69 | 11 | P | P | 06 55 16.7 | -1.0 |
| TULEG | Thule | 55.69 | 11 | IAMB | IAMB | 06 55 18.1 | |
| TULEG | Thule | 55.69 | 11 | eP | P | 06 55 15.6 | -2.1 |
| SAMI | Samuel | 55.72 | 121 | P | P | 06 55 17.6 | -1.1 |
| EUNU | Eureka | 56.49 | 5 | IAMB | IAMB | 06 55 24.1 | |
| LPAZ | La Paz | 56.88 | 131 | P | P | 06 55 25.2 | -2.4 |
| LPAZ | La Paz | 56.88 | 131 | LR | LR | 07 17 29.5 | |
| LPAZ | La Paz | 56.88 | 131 | P | P | 06 55 28.2 | +0.6 |
| PB16 | IPOC Station P | 57.41 | 134 | IAMB | IAMB | 06 55 39.3 | |
| PP2T | Papeete2 | 57.54 | 227 | eLR | LR | 07 12 11.3 | |
| MNMC | Minnye Minnye | 57.93 | 135 | IAMB | IAMB | 06 55 42.3 | |
| GO01 | Chumizua | 58.58 | 135 | IAMB | IAMB | 06 55 47.4 | |
| PB01 | IPOC Station P | 59.19 | 136 | IAMB | IAMB | 06 55 52.5 | |
| ICESG | Greenland Ices | 60.02 | 23 | iP | P | 06 55 47.6 | -0.9 |
| ICESG | Greenland Ices | 60.02 | 23 | IAMB | IAMB | 06 55 49.1 | |
| SUMG | Summit | 61.04 | 19 | iP | P | 06 55 54.0 | -1.5 |
| SUMG | Summit | 61.04 | 19 | iP | P | 06 55 54.1 | -1.5 |
| SUMG | Summit | 61.04 | 19 | IAMB | IAMB | 06 55 56.0 | |
| TBI | Tubuai | 61.63 | 223 | eLR | LR | 07 13 55.0 | |
| H03N2 | Juan Fernandez | 64.34 | 152 | T | T | 08 06 14.2 | |
| H03N1 | Juan Fernandez | 64.35 | 152 | T | T | 08 06 15.5 | |
| H03N3 | Juan Fernandez | 64.36 | 152 | T | T | 08 06 15.1 | |
| LCO | Las Campanas | 64.71 | 143 | P | P | 06 56 22.3 | +1.9 |
| SCO | Scoresbysund | 66.19 | 22 | IAMB | IAMB | 06 56 38.3 | |
| SCO | Scoresbysund | 66.19 | 22 | iP | P | 06 56 27.0 | -2.1 |
| SCO | Scoresbysund | 66.19 | 22 | IAMB | IAMB | 06 56 30.0 | |
| AROD | Rodeo | 66.28 | 143 | iP | P | 06 56 36.9 | +6.3 |
| DBG | Daneborg | 66.32 | 17 | iP | P | 06 56 28.6 | -1.3 |
| DAG | Danmarks Havn | 66.45 | 15 | iP | P | 06 56 29.5 | -1.2 |
| DAG | Danmarks Havn | 66.45 | 15 | iP | P | 06 56 29.5 | -1.2 |
| DAG | Danmarks Havn | 66.45 | 15 | IAMB | IAMB | 06 56 30.3 | |
| ACDV | Cuesta del Vie | 66.48 | 143 | iP | P | 06 56 38.5 | +6.8 |
| ACCO | Cerro Coronel | 66.83 | 143 | iP | P | 06 56 37.8 | +3.7 |
| CYA | Choya | 67.09 | 139 | iP | P | 06 56 40.9 | +5.4 |
| ACLC | CERRO LA CRUZ | 67.14 | 141 | iP | P | 06 56 41.8 | +5.8 |
| RTLL | Leoncito | 67.64 | 144 | iP | P | 06 56 46.4 | +7.1 |
| RLLL | Cerro Villucun | 67.72 | 143 | iP | P | 06 56 46.5 | +7.1 |
| ZON | Zonda | 67.73 | 143 | iP | P | 06 56 44.2 | +4.4 |
| AVFE | Valle Fertil | 67.78 | 142 | iP | P | 06 56 45.0 | +5.2 |
| USPE | Uspallata | 67.92 | 144 | iP | P | 06 56 47.7 | +6.7 |
| PEL | Peldehue | 67.96 | 146 | iP | P | 06 56 47.9 | +7.0 |
| RTVC | Cerro Valdivia | 68.10 | 143 | iP | P | 06 56 44.8 | +3.0 |
| APLL | PUNTO DE LOS L | 68.11 | 141 | iP | P | 06 56 47.7 | +5.8 |
| ASAL | Salagasta | 68.50 | 144 | iP | P | 06 56 51.2 | +6.8 |
| AAGR | Agrela | 68.88 | 144 | iP | P | 06 56 50.5 | +3.8 |
| CPUP | Villa Florida | 71.04 | 132 | P | P | 06 56 58.9 | -1.1 |
| CPUP | Villa Florida | 71.04 | 132 | LR | LR | 07 27 31.1 | |
| CPUP | Villa Florida | 71.04 | 132 | P | P | 06 57 00.0 | 0.0 |
| CPUP | Villa Florida | 71.04 | 132 | IAMB | IAMB | 06 57 07.1 | |
| BDFB | Brasilia | 71.65 | 117 | P | P | 06 57 04.5 | +0.5 |
| BDFB | Brasilia | 71.65 | 117 | P | P | 07 29 58.4 | |
| BDFB | Brasilia | 71.65 | 117 | P | P | 06 57 03.7 | -0.3 |
| BDFB | Brasilia | 71.65 | 117 | IAMB | IAMB | 06 57 12.0 | |
| LC01 | Cunco | 72.01 | 150 | P | P | 06 57 06.2 | +0.6 |
| PETK | Petrovsk | 72.69 | 321 | P | P | 06 57 08.8 | -0.8 |
| PETK | Petrovsk | 72.69 | 321 | P | P | 07 23 06.2 | |
| PLCA | Paso Flores | 74.09 | 151 | P | P | 06 57 17.6 | -0.4 |
| PLCA | Paso Flores | 74.09 | 151 | LR | LR | 07 23 16.0 | |
| PLCA | Paso Flores | 74.09 | 151 | P | P | 06 57 17.6 | -0.4 |
| PLCA | Paso Flores | 74.09 | 151 | IAMB | IAMB | 06 57 26.7 | |
| LL01 | San Ignacio de | 74.63 | 153 | P | P | 06 57 21.5 | +0.6 |
| LL01 | San Ignacio de | 74.63 | 153 | IAMB | IAMB | 06 57 29.4 | |
| TIXI | Tiksi | 76.26 | 344 | P | P | 06 57 28.5 | -1.5 |
| TIXI | Tiksi | 76.26 | 344 | IAMB | IAMB | 06 57 35.5 | |
| PMT0 | Porto Moniz, M | 78.60 | 59 | eLR | LR | 07 25 00.7 | |
| ARCES | ARCCESS Array B | 80.74 | 15 | P | P | 06 57 53.6 | -1.2 |
| ARCES | ARCCESS Array B | 80.74 | 15 | LR | LR | 07 34 18.9 | |
| PGAV | Gavielra, Arco | 81.51 | 48 | eP | P | 06 58 01.9 | +2.3 |
| PGAV | Gavielra, Arco | 81.51 | 48 | eLR | LR | 07 22 48.0 | |
| PGAV | Gavielra, Arco | 81.51 | 48 | eLR | LR | 07 25 16.0 | |
| POLO | Lamas de Olo | 82.09 | 48 | eP | P | 06 58 02.9 | +0.3 |
| NB2 | NORSAR Subarra | 82.15 | 25 | P | P | 06 58 01.8 | -0.7 |
| NB2 | NORSAR Subarra | 82.15 | 25 | P | P | 06 58 01.8 | -0.7 |
| NOA | NORSAR Array B | 82.15 | 25 | P | P | 06 58 01.2 | -1.3 |
| NOA | NORSAR Array B | 82.15 | 25 | LR | LR | 07 33 09.2 | |
| PVRL | Vila Real | 82.19 | 49 | eP | P | 06 58 03.8 | +0.7 |
| PSBE | So Bento | 82.19 | 50 | eP | P | 06 58 03.4 | +0.3 |
| PVIS | Visu | 82.30 | 49 | eP | P | 06 58 03.9 | +0.2 |

| | | | | | | | |
|-------|-----------------|--------|-----|-------|-------|------------|------|
| MTE | Manteigas | 82.68 | 49 | eP | P | 06 58 05.7 | 0.0 |
| MTE | Manteigas | 82.68 | 49 | eLQ | LQ | 07 23 22.0 | |
| MTE | Manteigas | 82.68 | 49 | eLR | LR | 07 25 13.8 | |
| MVO | Moncorvo | 82.70 | 48 | eP | P | 06 58 06.6 | +0.8 |
| MVO | Moncorvo | 82.70 | 48 | eLR | LR | 07 26 39.2 | |
| PMT0 | Montalegre | 82.78 | 50 | eP | P | 06 58 08.2 | +2.0 |
| PCBR | Castelo Branco | 82.97 | 49 | eP | P | 06 58 07.2 | +0.1 |
| EVO | Evora | 83.17 | 51 | eP | P | 06 58 09.2 | +1.0 |
| PMRV | Marv??o | 83.21 | 50 | eP | P | 06 58 08.4 | 0.0 |
| PMRV | Marv??o | 83.21 | 50 | eLR | LR | 07 26 43.6 | |
| PESTR | Estremoz | 83.32 | 50 | IAMB | IAMB | 06 58 16.6 | |
| MESJ | Messejana | 83.32 | 52 | eP | P | 06 58 10.0 | +1.0 |
| MESJ | Messejana | 83.32 | 52 | eP | P | 07 34 34.7 | |
| PCVE | Castro Verde | 83.54 | 52 | eP | P | 06 58 10.1 | 0.0 |
| PBDV | Barranco-do-V | 83.78 | 52 | eP | P | 06 58 12.7 | +1.3 |
| PVAQ | Vaqueiros | 83.87 | 52 | eP | P | 06 58 11.9 | +0.1 |
| PVAQ | Vaqueiros | 83.87 | 52 | eLQ | LQ | 07 25 52.9 | |
| PVAQ | Vaqueiros | 83.87 | 52 | eLR | LR | 07 28 22.1 | |
| PVAQ | Vaqueiros | 83.87 | 52 | IAMB | IAMB | 06 58 21.5 | |
| PAB | San Pablo | 85.26 | 49 | P | P | 06 58 19.8 | +0.8 |
| PAB | San Pablo | 85.26 | 49 | IAMB | IAMB | 06 58 26.9 | |
| ESDC | Seneca Array | 85.46 | 48 | P | P | 06 58 19.8 | -0.1 |
| ESDC | Seneca Array | 85.46 | 48 | LR | LR | 07 33 46.4 | |
| NRK | Noril'sk | 85.68 | 354 | P | P | 06 58 19.5 | -0.8 |
| NRK | Noril'sk | 85.68 | 354 | IAMB | IAMB | 06 58 29.8 | |
| FINES | FINES Array B | 87.06 | 20 | P | P | 06 58 26.3 | -0.9 |
| FINES | FINES | 87.06 | 20 | LR | LR | 07 37 16.5 | |
| GERES | GERES Array B | 90.93 | 34 | P | P | 06 58 44.7 | -1.2 |
| GERES | GERES | 90.93 | 34 | LR | LR | 07 38 19.2 | |
| USRK | Ussuriysk Ar | 91.78 | 321 | P | P | 06 58 48.8 | -1.0 |
| MJAR | Matsushiro Arr | 92.26 | 312 | P | P | 06 58 50.2 | -2.0 |
| MJAR | Matsushiro Arr | 92.26 | 312 | LR | LR | 07 32 53.8 | |
| MJAR | Matsushiro Arr | 92.26 | 312 | P | P | 06 58 54.5 | +2.3 |
| MJAR | Matsushiro Arr | 92.26 | 312 | LR | LR | 07 29 10.5 | |
| KEST | Kesra | 96.48 | 46 | LR | LR | 07 42 55.8 | |
| AKASG | Malin Array Be | 96.56 | 25 | LR | LR | 07 42 18.0 | |
| KSRs | Korea Array | 98.38 | 118 | LR | LR | 07 41 02.1 | |
| TORD | Torodi Arr. Bea | 102.77 | 69 | P | P | 06 59 38.5 | -1.5 |
| KURB | Kurchatov Arra | 104.93 | 355 | PKPKP | PKPKP | 07 04 04.6 | +0.8 |
| WMQ | Urumqi | 110.32 | 347 | ePKP | PKPKP | 07 04 15.5 | +1.3 |
| WMQ | Urumqi | 110.32 | 347 | LR | LR | 07 37 16.5 | |
| WMQ | Urumqi | 110.32 | 347 | LR | LR | 07 37 16.5 | |
| GTA | Gaotai | 110.96 | 336 | ePKP | PKPKP | 07 04 19.8 | +4.2 |
| GTA | Gaotai | 110.96 | 336 | LR | LR | 07 04 19.8 | +4.2 |
| GTA | Gaotai | 110.96 | 336 | LR | LR | 07 04 19.8 | +4.2 |
| GTA | Gaotai | 110.96 | 336 | LR | LR | 07 04 19.8 | +4.2 |
| KSH | Kashi | 116.16 | 356 | PKP | PKP | 07 05 31.8 | +6.2 |
| KSH | Kashi | 116.16 | 356 | PKS | PKS | 07 05 40.0 | +1.1 |
| KSH | Kashi | 116.16 | 356 | AMB | AMB | 07 08 03.5 | +1.1 |
| KSH | Kashi | 116.16 | 356 | LR | LR | 07 05 31.8 | +6.2 |
| KSH | Kashi | 116.16 | 356 | LR | LR | 07 05 40.0 | +1.1 |
| KSH | Kashi | 116.16 | 356 | LR | LR | 07 08 03.5 | +1.1 |
| CD2 | Chiang Mai Arr | 116.59 | 329 | PKP | PKP | 07 04 26.0 | |

25d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like I05D Terrebonne, CNPM China Poot, E04D Cinebar, F05D White Salmon, etc.

2015 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLR Muntele Rosu, DOPR Dopca, SECR Secr, etc.

1224

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RPZ Rata Peaks, CTA Charters Tower, TAOE Taku Hava Iala, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TDCB Tech, CHGB Renal, WHP Taichung City, HGSD Ruisui, YULB Yu-ii, ALS Alshan, MASBT Mashbululo.

SOME 25 08:51:36.6, 44.33°N, 82.92°E, h15km
NWC 25 08:51:39.3, 1.1, 44.33°N, 82.73°E, h0km, mb3.8, mpv3.3,
Error ellipse: s-maj=10.1km s-min=4.6km az=127.0

Main station list for 1225, including stations like KTMS Ketmen, DJR Jarkent, MK31 Makanchi, PDGK Podgornoye, KAPS Kapalarasan, SHLS Shalkode, UZB Uzynbulak, ARX Arhary, NOA NORSAR, etc.

IDC 25 08:51:33.8, 0.6, 13.32°N, 146.84°E, h0km, mb4.4/2.3,
mb1.4/5/2/3, mb1mx3.4/4.8, mbmp4.4/2.3, MS3.6/8,
Ms1.3/6/8, ms1mx3.2/5.6, Error ellipse: s-maj=18.9km
s-min=13.3km az=94.0

NEIC 25 08:51:35.0, 1.8, 13.26°N, 0.08:146.82°E, h0.07, h10km, 1km,
mb4.6/19, Error ellipse: s-maj=13.3km s-min=11.7km
az=196.0

ISC 25 08:51:38.1, 0.5, 13.32°N, 0.08:146.75°E, h0km, h26km, n63,
c099/55, mb4.5/32, MS3.4/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, PATS Pohnpai, H1S13 WAKE ISLAND, H1S12 WAKE ISLAND, H1N11 WAKE ISLAND, H1N12 WAKE ISLAND, H1N13 WAKE ISLAND.

Main station list for 2014 DEC, including stations like SIJI Sorong, PMG Port Moresby, MJAR Matsushiro Arr, JUNU Natsukete, JNU Nakatsue, JNR Horiai, KRSR Korea Array, KRSR, WBO Warramunga Arr, WBR2 Warramunga Arr, WRA Warramunga Arr, WRA, SBUM Sibiu, FITZ Kilbury Crossi, AS31 Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR, MA2 Magadan, FORT Songoing Array, SONM, SEY Seymchan, TIXI Tiksi, ZALV Zalesovo Beam, MK31 Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, KURK Kurchatov, KURBB Kurchatov Arr, BPAW Bear Paw Mtn, NRIK Noril'sk, I23K I23K, MDM Murphy Dome, IL31 ILAR, EGAK Eagle, BVAR Borovoye Array, HYT Haines Junctio, ABKAR Akbulak array, ARU Ari, AKTO Aktyubinsk, YKA Yellowknife Arr, NVAR Mina Array Bea, ARCES ARCESS Array B, ARCES, PDAR Pinedale Array, FINES FINES Array B, HFS Hagfors, NOA NORSAR Arr B, TORD Torodi Arr. Bea, PLCA Paso Flores, DBIC Dimbokro, KIC Kusan Boka, TIC Toumodi, LIC Lamto, LPAZ La Paz.

DNK 25 08:52:55.3, 1.6, 51.72°N, 5.19°E, h35km, 99km, ML2.4
BGR 25 08:52:58.0, 0.9, 51.88°N, 5.51°E, h6km, 2km, ML3.0/10,
Error ellipse: s-maj=5.6km s-min=2.2km az=141.0
BGS 25 08:52:58.0, 0.9, 51.95°N, 5.47°E, h12km, ML3.2, ML3.2
LDG 25 08:52:58.3, 0.2, 51.92°N, 5.48°E, h15km, M3.5/1, M3.4/44,
Error ellipse: s-maj=3.1km s-min=2.2km az=171.0
BNS 25 08:52:59.7, 0.6, 51.87°N, 5.42°E, h20km, 7km, ML2.8
BUG 25 08:53:00.2, 0.0, 51.89°N, 5.52°E, h31km, 3km, MD3.2/13,
ML3.5/13

PRU 25 08:53:01.2, 0.0, 52.12°N, 5.97°E, h0km
ISC 25 08:52:56.9, 0.8, 51.88°N, 0.03:5.44E, 0.02, h10km, n132,
c28/230, 12C-4D, The Netherlands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like OPLO Oplo, BMOL Mol, BMSL Dessel, BOPT Opiter, HKB Herkenbosch, HKB Winterswijk, RODG Roetgen-Dahihe, RWB Wassenberg, BZER Hinxle, BZER, BAVN Auguste-Victor, BAVN, LAUG Laupendahl, BEBN Eben Emael, BEBN, HGN Heimgroegrove.

Main station list for 25d 8h, including stations like HGN Ruhr-Universit, BULI Bochum-Univers, BKLB Ruhr-Universit, BTEZ Ruhr-Universit, PLH Pulheim, BLCH La Chartreuse, UCC Uccle, UCC Uccle, BSTI Sart Tilman, DREG Dreileigergerbach, MEM Membrach, MEM Membrach, MEM Membrach, KLL Kallitaspierre, BTNL Ternell, STNL Court-Saint-E, ENTS Ennetpatsperr, ENTS, HME Hamm, Michael-Clavier, BCLA, IBBS Ibbenbueren So, BRQR Ronquire, HOBG Hobbusch, IBBN Ibbenburen, IBBN, IBBN, BSKO Steenkerk, IBBE Ibbenbueren Ea, BGES Gesves, OLFT Oletaspierre, SNF Seneffe, STB Steinbach, BHOU Houvegnz, WBS Wahnbaechtspelle, TDN Todenfeld, BMRD Bardouss, SORT Sorpetalsperre, BOST Ostende, AHRW Bad Neuenahr-A, BBOU Bougnies, HILG Hillesheim, GIVF Givet, GIVF, GIVF, LKLB Kalborn, LKLB, LOH Wallersheim-Lo, LOH, DOU Dourbes, DOU, DOU, BHE Schloss Buere, BAIF Baives, BAIF, BAIF, BGG Bugeitz, WLF Walferdange, WLF, TNS Taunus Mts, CLN Clausthal, CLZ, SAVF Savonnières en, SAVF, SAVF, PAGF Fort de Pagny, PAGF, PAGF, CHRS Christianenhau, CHRS, MEZF Maizieres J'vi, MEZF Maizieres J'vi, MEZF, MEZF, POSN Possen, CDF Champ du Feu, CDF, SFTF Sextfontaines, SFTF, SFTF, HAU Hautdombre, HAU, HAU, MOX Moxa, HINF Hinterfeld, HINF, HINF, CWF Charnwood Fore, CWF, CWF, STRD Stroud, STRD, STRD.

25d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IADA Aaalb, IMEL Melhnauser, ISNB Snably, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 25 11:32:00.0, JMA 25 11:32:00.0, etc.

1228

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARSB baz=58, ARSB Arslanbob, MNAS baz=33, etc.

comp=E,0.2nm,0.6s,baz=129,slow=5.7,SNR=3.6
ASAR Alice Springs 128.56 204 PKP PKPdf 17 23 14.1 -0.7
 comp=E,0.2nm,0.6s,baz=136,slow=1.5,SNR=4.7
WRA Warramunga Arr 131.74 207 PKP PKPdf 17 23 20.1 -0.8
 comp=E,1.1nm,0.9s,baz=192,slow=1.8,SNR=4.7
MKAR Makanchi Array 146.38 40 PKPbc PKPbc 17 23 47.4 -0.8
 comp=E,0.4nm,0.5s,baz=312,slow=3.0,SNR=6.1

*IDC 25 17:36:30.9,0.5,2.07N,126.52E,h0km,mb4,1/20,
 mb1 4,3/20,mb1mx4,1/42,mbtmp4,1/20,MS3,3/8,
 Ms1 3,3/8,ms1mx2,9/45,Error ellipse: s-maj=29.3km
 s-min=12.1km az=76.0*

*DJA 25 17:36:36.8,0.3,2.2N,127.7E,s, h49km,gkm,M4,3/12,
 mb4,8/2,mb4,6/9,MLV4,1/12,Mw(mb)4,1/2*

*NEIC 25 17:36:36.7,1.4,1.96N,0.08x126.57E,0.07,h49km,7km,
 mb4,4/28,Error ellipse: s-maj=12.3km s-min=8.6km
 az=220.0*

**ISC 25 17:36:36.7,0.4,2.06N,0.05x126.66E,0.05,h47km,n90,
 s131R,mb4,2/30,MS3,1/6,1D,Northern Molucca Sea**

| Code | Station Name | A° | AZP | Phase | ID | Time | h | m | s | ISC |
|------|----------------|-------------------------------------|-----|-------|-------|------------|------|---|---|-----|
| TNTI | Ternate | 1.46 | 151 | P | Pn | 17 37 00.3 | -0.4 | | | |
| TNTI | Ternate | 1.46 | 151 | S | Sn | 17 37 20.6 | +1.9 | | | |
| TNTI | Ternate | 1.46 | 151 | Pn | Pn | 17 36 59.0 | -1.7 | | | |
| SGSI | Sangihe | 1.97 | 325 | P | Pn | 17 37 06.1 | -1.6 | | | |
| SGSI | Sangihe | 1.97 | 325 | S | Sn | 17 37 29.9 | -1.3 | | | |
| KMSI | Cibinong | 3.06 | 241 | P | Pn | 17 37 23.7 | +1.1 | | | |
| KMSI | Cibinong | 3.06 | 241 | S | Sn | 17 38 01.0 | +3.0 | | | |
| GTOI | Gorontalo | 3.92 | 249 | P | Pn | 17 37 34.4 | 0.0 | | | |
| SANI | Sanana | 4.14 | 189 | P | Pn | 17 37 38.0 | +0.5 | | | |
| LWUI | Luwuk | 4.96 | 232 | P | Pn | 17 37 50.7 | +1.9 | | | |
| LWUI | Luwuk | 4.96 | 232 | Pn | Pn | 17 37 48.0 | -0.7 | | | |
| MRSI | Marisa | 4.97 | 252 | P | Pn | 17 37 50.5 | +1.6 | | | |
| KCP | Kidapawan | 5.16 | 342 | I/P | Pn | 17 37 53.8 | +2.3 | | | |
| SWI | Sorong | 5.44 | 122 | P | Pn | 17 37 56.5 | +1.2 | | | |
| SIJI | Sorong | 5.45 | 122 | Pn | Pn | 17 37 58.4 | +2.9 | | | |
| SIJI | Sorong | 0.8nm,0.3s,baz=277,slow=9.9,SNR=6.4 | | Sn | Sn | 17 38 55.1 | -1.7 | | | |
| SIJI | Sorong | 0.9nm,0.3s,baz=211,slow=23,SNR=9.1 | | LR | LR | 17 40 32.5 | | | | |
| APSI | Ampana | 5.82 | 240 | P | Pn | 17 38 02.5 | +2.0 | | | |
| TOLJ | Tolitoli | 5.95 | 261 | Pn | Pn | 17 38 00.5 | -1.9 | | | |
| MPSI | Mapaga | 6.97 | 256 | P | Pn | 17 38 18.9 | +2.5 | | | |
| FAKI | Fak Fak | 7.46 | 132 | Pn | Pn | 17 38 23.5 | +0.5 | | | |
| MYLD | Lahad Datu | 8.71 | 291 | Pn | Pn | 17 37 31.1 | +0.8 | | | |
| KAPI | Kappang | 9.85 | 224 | Pn | Pn | 17 38 55.0 | -0.9 | | | |
| KKM | Kota Kinabalu | 11.14 | 291 | Pn | Pn | 17 39 14.5 | +0.8 | | | |
| BATI | Baumata | 12.55 | 194 | LR | LR | 17 45 24.3 | | | | |
| SLUM | Sibu | 14.44 | 272 | P | P | 17 40 03.1 | -1.1 | | | |
| TWSI | Taliwang, Sumb | 14.49 | 222 | P | P | 17 40 01.4 | -3.4 | | | |
| MTN | Manton Dam | 15.46 | 163 | Pn | Pn | 17 40 07.7 | -4.1 | | | |
| MTN | Manton Dam | 15.46 | 163 | I/Amb | I/Amb | 17 40 23.6 | | | | |
| FITZ | Fitzroy Crossi | 20.06 | 183 | P | P | 17 41 07.1 | +0.9 | | | |
| FITZ | Fitzroy Crossi | 20.06 | 183 | Pn | Pn | 17 41 07.3 | -0.9 | | | |
| TPUB | Ta-pu | 21.91 | 345 | P | P | 17 41 24.9 | -1.3 | | | |
| SSLB | Suanglung | 22.30 | 346 | I/Amb | I/Amb | 17 41 30.7 | +0.4 | | | |
| COEN | Coen | 22.83 | 135 | P | P | 17 41 35.6 | -0.5 | | | |
| WB0 | Warramunga Arr | 22.98 | 161 | I/Amb | I/Amb | 17 41 37.1 | -0.4 | | | |
| YHNB | Yeheng | 23.05 | 348 | P | P | 17 41 37.8 | -0.5 | | | |
| WRA | Warramunga Arr | 23.13 | 161 | P | P | 17 41 38.3 | -0.7 | | | |
| WRA | Warramunga Arr | 23.13 | 161 | PcP | PcP | 17 45 28.0 | +1.3 | | | |
| WB2 | Warramunga Arr | 23.13 | 161 | P | P | 17 41 38.3 | -0.7 | | | |
| WB2 | Warramunga Arr | 23.13 | 161 | I/Amb | I/Amb | 17 41 41.3 | | | | |
| WR0 | Warramunga Arr | 23.21 | 161 | P | P | 17 41 39.2 | -0.6 | | | |
| WR0 | Warramunga Arr | 23.21 | 161 | I/Amb | I/Amb | 17 41 47.7 | | | | |
| PMG | Port Moresby | 23.38 | 119 | LR | LR | 17 51 27.1 | | | | |
| KRVF | Keravat (AS076 | 25.12 | 104 | LR | LR | 17 50 30.3 | | | | |
| AS31 | Alice Springs | 25.12 | 165 | P | P | 17 42 09.4 | -0.8 | | | |
| ASAR | Alice Springs | 25.12 | 165 | P | P | 17 42 10.4 | +0.2 | | | |
| ASAR | Alice Springs | 25.12 | 165 | PcP | PcP | 17 45 35.4 | +1.2 | | | |
| CMAR | Chiang Mai Arr | 31.68 | 303 | P | P | 17 42 56.0 | -0.1 | | | |
| CMAR | Chiang Mai Arr | 31.68 | 303 | PcP | PcP | 17 45 48.4 | +1.1 | | | |
| CMAR | Chiang Mai Arr | 31.68 | 303 | LR | LR | 17 54 48.5 | | | | |
| CHTO | Chiang Mai | 31.85 | 303 | P | P | 17 42 57.0 | -0.5 | | | |
| FORT | Forrest | 32.68 | 178 | P | P | 17 43 04.7 | 0.0 | | | |
| KSR5 | Korea Array | 35.24 | 2 | P | P | 17 43 28.2 | +1.5 | | | |
| MJAR | Matsushiro Arr | 35.93 | 16 | P | P | 17 43 33.2 | +0.4 | | | |
| STKA | Stephens Creek | 36.61 | 158 | P | P | 17 43 40.8 | +2.3 | | | |
| STKA | Stephens Creek | 36.61 | 158 | P | P | 17 43 37.7 | -0.8 | | | |
| USRK | Ussuriysk Arr | 42.23 | 6 | P | P | 17 44 26.0 | +0.8 | | | |
| H1S3 | WAKE ISLAND Hy | 42.48 | 65 | T | T | 18 29 55.4 | | | | |
| H1S2 | WAKE ISLAND Hy | 42.50 | 65 | T | T | 18 29 56.5 | | | | |
| H1S1 | WAKE ISLAND Hy | 42.50 | 65 | T | T | 18 29 58.6 | | | | |
| H1N1 | WAKE ISLAND Hy | 43.05 | 63 | T | T | 18 30 38.7 | | | | |
| H1N2 | WAKE ISLAND Hy | 43.06 | 63 | T | T | 18 30 39.8 | | | | |
| H1N3 | WAKE ISLAND Hy | 43.07 | 63 | T | T | 18 30 40.8 | | | | |
| ASAJ | Asahikawa | 44.20 | 16 | LR | LR | 18 03 39.9 | | | | |
| TAPN | Taplejung | 44.96 | 308 | eP | P | 17 44 47.0 | -0.9 | | | |
| ODAN | Odare | 44.99 | 307 | eP | P | 17 44 47.8 | -0.3 | | | |
| RAMN | Ramite | 45.67 | 307 | eP | P | 17 44 52.5 | -0.9 | | | |
| GUN | Gumba | 46.66 | 307 | eP | P | 17 45 00.3 | -1.1 | | | |
| KKN | Kakani | 47.09 | 307 | eP | P | 17 45 03.3 | -1.2 | | | |
| DANN | Dangsing | 48.54 | 307 | eP | P | 17 45 15.0 | -0.9 | | | |
| SONM | Songino Array | 48.85 | 342 | P | P | 17 45 18.3 | +0.6 | | | |
| SONM | Songino Array | 48.85 | 342 | PcP | PcP | 17 46 42.7 | +1.0 | | | |
| PETK | Petropavlovsk | 56.99 | 22 | P | P | 17 46 19.1 | +1.6 | | | |
| MK31 | Makanchi Array | 58.88 | 326 | P | P | 17 46 29.8 | -1.2 | | | |
| MK31 | Makanchi Array | 58.88 | 326 | I/Amb | I/Amb | 17 46 35.1 | | | | |
| MKAR | Makanchi Array | 58.88 | 326 | P | P | 17 46 30.6 | -0.4 | | | |
| MKAR | Makanchi Array | 58.88 | 326 | PcP | PcP | 17 47 19.2 | -0.7 | | | |
| MAKZ | Makanchi | 59.07 | 326 | P | P | 17 46 31.9 | -0.3 | | | |
| MAKZ | Makanchi | 59.07 | 326 | I/Amb | I/Amb | 17 46 38.6 | | | | |
| KDJ | Kajisay | 59.55 | 319 | P | P | 17 46 34.8 | -1.0 | | | |
| KDJ | Kajisay | 59.55 | 319 | I/Amb | I/Amb | 17 46 37.1 | | | | |
| ZALV | Zalesovo Beam | 62.04 | 333 | P | P | 17 46 52.2 | -0.1 | | | |
| MCQ | Macquarie Isla | 62.37 | 159 | P | P | 17 46 52.7 | -1.7 | | | |
| KURK | Kurchatov | 63.11 | 328 | P | P | 17 46 59.1 | -0.3 | | | |
| KK31 | Karatay Array | 64.40 | 318 | I/Amb | I/Amb | 17 47 08.2 | 0.0 | | | |
| KK31 | Karatay Array | 64.40 | 318 | I/Amb | I/Amb | 17 47 09.7 | | | | |
| KKAR | Karatay Array | 64.40 | 318 | P | P | 17 47 08.1 | -0.1 | | | |
| KKAR | Karatay Array | 64.40 | 318 | I/Amb | I/Amb | 17 47 09.7 | | | | |

| BRVK | Borovoye | 68.75 | 327 | P | P | 17 47 34.7 | -1.0 |
|-------|-----------------|--------|-----|-------|-------|------------|------|
| BRVK | Borovoye | 68.75 | 327 | I/Amb | I/Amb | 17 47 42.1 | |
| TIKSI | Tiksi | 69.50 | 1 | P | P | 17 47 40.0 | 0.0 |
| GEYT | Alibek | 71.85 | 309 | P | P | 17 47 55.2 | 0.0 |
| NRIK | Norik'sk | 72.02 | 346 | P | P | 17 47 55.7 | +0.3 |
| ABKR | Abkual array | 73.39 | 321 | P | P | 17 48 02.9 | -1.0 |
| ARU | Arti | 76.36 | 332 | P | P | 17 48 20.2 | -0.3 |
| VNDA | Vanda | 81.79 | 173 | P | P | 17 48 51.4 | +1.2 |
| VNDA | Vanda | 81.79 | 173 | I/Amb | I/Amb | 17 48 50.7 | +0.5 |
| VNDA | Vanda | 81.79 | 173 | I/Amb | I/Amb | 17 48 57.8 | |
| TTA | Tatalina | 82.41 | 27 | P | P | 17 48 55.9 | +2.0 |
| GNI | Garni | 82.50 | 310 | LR | LR | 18 30 11.4 | |
| RSO | Redoubt South | 83.57 | 29 | P | P | 17 48 59.0 | -1.0 |
| KBZ | Khabaz | 84.07 | 314 | P | P | 17 49 03.8 | +1.1 |
| KVAR | Kislovodsk Arr | 84.23 | 314 | LR | LR | 18 31 22.2 | |
| SKT | Skwentna | 84.33 | 28 | P | P | 17 49 04.8 | +1.1 |
| TOLK | Tolk Lake Re | 85.81 | 21 | I/Amb | I/Amb | 17 49 10.5 | -0.7 |
| TOLK | Tolk Lake Re | 85.81 | 21 | I/Amb | I/Amb | 17 49 15.4 | |
| ILAR | Eielson Array | 86.63 | 25 | P | P | 17 49 14.5 | -0.5 |
| BRTR | Breslin Array B | 91.03 | 310 | P | P | 17 49 36.2 | -0.3 |
| ARCES | ARCCESS Array B | 91.98 | 340 | P | P | 17 49 42.1 | +2.0 |
| FINES | FINESS Array B | 93.26 | 332 | P | P | 17 49 46.5 | +0.4 |
| TORD | Torodi Ar. Bea | 123.36 | 287 | PKIKP | PKIKP | 17 55 30.7 | +0.7 |
| PLCA | Paso Flores | 138.47 | 160 | PKIKP | PKIKP | 17 55 59.0 | -0.8 |

JMA 25 17:45:07.0,0.1,2.3182N,122.04E,h24km,3km,M2.5
TAP 25 17:45:08.1,2.3185N,122.02E,h34km,ML2.8,C
*ISC 25 17:45:07.3,1.0,2.3182N,122.02E,0.02,h28km,10km,
 n91,0.06Z/169,Taiwan region*

| Code | Station Name | A° | AZP | Phase | ID | Time | h | m | s | ISC |
|------|----------------|------|-----|-------|----|------------|------|---|---|-----|
| HWA | Hwalien | 0.42 | 291 | Op | Sn | 17 45 23.9 | -0.6 | | | |
| TWD | Chiawan | 0.48 | 302 | eP | Pb | 17 45 17.3 | 0.0 | | | |
| TWD | Chiawan | 0.48 | 302 | S | Sb | 17 45 24.2 | +0.1 | | | |
| NACB | Ninganchiao | 0.54 | 311 | P | Pb | 17 45 18.0 | -0.3 | | | |
| NACB | Ninganchiao | 0.54 | 311 | eS | Sb | 17 45 25.4 | -0.3 | | | |
| ESL | Shilin | 0.56 | 269 | P | Pb | 17 45 18.4 | -0.2 | | | |
| ESL | Shilin | 0.56 | 269 | eS | Sb | 17 45 25.9 | -0.4 | | | |
| EGFH | Guangfu | 0.58 | 255 | P | Pb | 17 45 19.2 | +0.2 | | | |
| EGFH | Guangfu | 0.58 | 255 | eS | Sb | 17 45 27.2 | +0.3 | | | |
| ETLH | Xiulin Townshi | 0.64 | 307 | iP | Pb | 17 45 19.5 | -0.5 | | | |
| ETLH | Xiulin Townshi | 0.64 | 307 | S | Sb | 17 45 28.5 | -0.1 | | | |
| HGSD | Ruisui | 0.65 | 240 | eP | Pb | 17 45 20.3 | +0.1 | | | |
| HGSD | Ruisui | 0.65 | 240 | eS | Sb | 17 45 29.4 | +0.4 | | | |
| ENAH | Nanaha | 0.66 | 341 | P | Pn | 17 45 20.4 | +0.2 | | | |
| ENAH | Nanaha | 0.66 | 341 | eS | Sb | 17 45 29.5 | -0.7 | | | |
| ENA | Nanau | 0.66 | 336 | P | Pb | 17 45 20.1 | -0.2 | | | |
| ENA | Nanau | 0.66 | 336 | S | Sb | 17 45 29.2 | 0.0 | | | |
| EHY | Hungye | 0.73 | 244 | P | Pb | 17 45 20.9 | -0.6 | | | |
| EHY | Hungye | 0.73 | 244 | S | Sb | 17 45 31.1 | -0.1 | | | |
| WHF | Hehuan Shan | 0.78 | 294 | P | Pb | 17 45 22.1 | -0.5 | | | |
| WHF | Hehuan Shan | 0.78 | 294 | eS | Sb | 17 45 32.5 | -0.5 | | | |
| TWC | Suao | 0.80 | 348 | P | Pn | 17 45 22.7 | -0.1 | | | |
| TWC | Suao | 0.80 | 348 | eS | Sb | 17 45 33.8 | 0.0 | | | |
| YULB | Yu-li | 0.81 | 238 | iP | | | | | | |

25 Dec 19h

Table with columns: ECL, Station Name, Az, Phase ID, Time Res, h m s, Res. Includes stations like Tailaimi, Irimote-Funau, Hatema jima, etc.

OTT 25 18:20:19.6:0.7, 73.56N:99.01W, h18km, MN3.5/6, 180km southwest from Resolute, Nu

ISC 25 18:20:20.9:3.1, 73.42N:99.25W, h0km, mb3.3/2, mb1.3/6.5, mb1mx3.3/42, mbtmp3.4/5, ML3.5/3, MS2.9/1, Ms1.2/9.1, ms1mx2.3/26, Error ellipse: s-maj=39.0km s-min=31.8km az=170.0

ISC 25 18:20:16.5:0.7, 73.64N:0.07:98.99W:0.06, h10km, n14, c372/21, Northwest Territories

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, Res. Includes stations like Resolute Bay, Eureka, Kugluktuk, etc.

ICC 25 18:36:25.8:4.0, 51.98N:178.40E, h109km, 37km, mb3.8/24, mb1.3/9.26, mb1mx3.7/59, mbtmp4.2/26, MS3.4/1, Ms1.3/4.1, ms1mx2.4/38, Error ellipse: s-maj=17.5km s-min=9.2km az=183.0

NEIC 25 18:36:26.4:1.4, 51.9N:0.2:178.42E:0.10, h181km, 6km, Error ellipse: s-maj=21.9km s-min=8.8km az=183.0

AEIC 25 18:36:26.8:1.4, 51.9N:0.1:178.37E:0.10, h117km, 5km, ML4.0/36, mb4.5/83(NEIC), Error ellipse: s-maj=21.4km s-min=8.7km az=183.0

ISC 25 18:36:26.3:0.9, 51.98N:0.10:178.39E:0.05, h116km, 8km, n160, c091/152, mb4.4/51, Rat Islands

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

2014 DEC

Main table with columns: CNMP, BRLK, SKT, SPTA, etc. Includes station names like China Poot, Bradley Lake, Skwentna, etc.

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Table with columns: PAGB, HVU, SPR3, etc. Includes station names like Antelope Grade, Hansel Valley, Spring Creek, etc.

ICC 25 18:42:25.9:4.9, 51.95N:178.41E, h105km, 45km, mb3.4/15, mb1.3/6.17, mb1mx3.4/59, mbtmp3.8/17, MS3.1/1, Ms1.3/1.1, ms1mx2.3/30, Error ellipse: s-maj=24.3km s-min=13.6km az=171.0

NEIC 25 18:42:25.3:0.4, 51.85N:0.09:178.30E:0.05, h105km, 4km, Error ellipse: s-maj=13.1km s-min=3.8km az=173.0

AEIC 25 18:42:26.7:0.9, 51.85N:0.09:178.30E:0.09, h98km, 3km, ML3.4/22, Error ellipse: s-maj=12.4km s-min=7.5km

ISC 25 18:42:25.0:7.0, 51.9N:0.1:178.32E:0.04, h102km, 5km, n43, c107/46, mb3.7/16, Rat Islands

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

IDC 25 19:23:21.8z.3.23.00N:142.74E, h128km,20km,mb3.2/8, mb1 3.4/9,mb1mx3.1/47,mbtmp3.6/9, Error ellipse: s-maj=34.3km s-min=15.3km az=89.0

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

IDC 25 19:26:56.3z.2.4.2.17N:126.93E, h0km,mb3.1/3, mb1 3.4/3,mb1mx3.1/43,mbtmp3.2/3, Error ellipse: s-maj=184.1km s-min=28.9km az=66.0, Northern Molucca Sea

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

IDC 25 19:31:57.2z.3.8.30.39N:141.24E, h0km,mb3.5/5, mb1 3.6/6,mb1mx3.3/44,mbtmp3.4/6,ML2.3/1,MS2.7/2, MS1 2.7/2,ms1mx2.3/21, Error ellipse: s-maj=148.7km s-min=22.0km az=71.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like MJAR Matsushiro Arr, KRSR Korea Array, KLR Kul'dur, etc.

SJA 25 19:37:24.8z.0.8.31.07S:67.49W, h15km,2km,ML4.0, MW3.7

IDC 25 19:37:29.1z.2.8.31.18S:67.26W, h56km,24km,mb3.3/3, mb1 3.6/6,mb1mx3.4/29,mbtmp3.6/6,ML3.7/3,MS2.8/4, Ms1 2.8/4,ms1mx2.7/13, Error ellipse: s-maj=30.1km s-min=23.2km az=114.0

IDC 25 19:37:29.9z.1.1.31.09S:002.6747W,0.03,h17km,8km, n43,z1548/58,mb3.7/3, Error ellipse: s-maj=35.8km s-min=20.9km az=93.0, Western Caroline Islands

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like AVFE Valle Fertil, ACHE Chepes, RTLL Cerro Villucun, ZON Zonda, etc.

Table with columns: LVC, PLCA, CPUP, CPUP, LPAZ, PCRV, SJG, SNA, TXAR, TORD, ASAR, WRA, ZALV, MKAR. Includes station names and coordinates.

IDC 25 19:46:40.1z.1.7.10S:67.88E, h0km,mb3.8/10, mb1 3.9/10,mb1mx3.7/34,mbtmp3.8/10,MS3.3/3, Ms1 3.3/3,ms1mx2.7/38, Error ellipse: s-maj=34.0km s-min=22.1km az=29.0

NEIC 25 19:46:40.2z.0.8.7.2S:0.3z.67.9E:0.2, h10km,9km, mb4.2/7, Error ellipse: s-maj=43.1km s-min=22.1km az=199.0

IDC 25 19:46:41.7z.1.7.2S:0.2z.67.9E:0.1, h12km, n33, z0567/28,mb4.2/19,MS3.3/3, Mid-Indian Ridge

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

AAK Ala-Archa, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H

MK31 Makanchi Array, MKAR Makanchi Array, BRTR Keskin Array B, KURK Kurchatov Arr, ZALV Zalesovo Beam

SONM Songoing Array, ASAR Alice Springs, WRA Warramunga Arr, AKAS Malin Array B, TORD Torodi Arr, Beas

ABTA Abfattersbach, WATA Walderalm, SQTA Sankt Quirin, MOTA Moosalm, FETA Feichten

DAVA Damuels, KLR Kul'dur, ESCD Seneca Array, YKA Yellowknife Arr, TXAR Lajitas Array

JMA 25 19:42:24.5z.0.5.31.14N:138.87E, h429km,4km,ML4.0, IDC 25 19:42:27.2z.1.1.31.07N:138.58E, h399km,12km, mb3.3/15,mb1 3.4/21,mb1mx3.2/42,mbtmp3.4/21, Error ellipse: s-maj=24.8km s-min=9.7km az=77.0

IDC 25 19:42:26.4z.0.6.31.13N:0.06z.138.84E:0.09, h400km, n57, z1660/69,mb3.6/15, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like JAOM Aogashimamukai, JAOC Hachiojijimatake, JHJ Hachioji jima 2, etc.

IDC 25 20:02:22.6z.1.9.35.43N:57.34E, h0km,mb3.4/5, mb1 3.6/9,mb1mx3.4/52,mbtmp3.5/9,ML3.3/4,MS2.4/1, MS1 2.4/1,ms1mx1.9/31, Error ellipse: s-maj=31.3km s-min=20.3km az=23.0

TEH 25 20:30:24.2z.35.60E:57.60E, h7km,ML3.5, IDC 25 20:30:25.6z.0.8.35.83N:0.04z.57.63E:0.04, h10km, n47, z093/48,mb3.4/4, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like SBZV Sabzevar, SEZV Akhmed, IKRD Kardeh, ISFR Sfrayin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like MAT Matsushiro, JHO Hitachi, JFK Kawauchi, etc.

IDC 25 20:17:16.6z.1.0.10.87N:139.39E, h0km,mb3.8/9, mb1 4.0/9,mb1mx3.7/47,mbtmp3.8/9,MS2.8/3,Ms1 2.8/3, ms1mx2.5/52, Error ellipse: s-maj=35.8km s-min=20.9km az=93.0

IDC 25 20:17:21.9z.1.0.10.9N:0.1z.139.4E:0.2, h35km, n12, z083/9z.0,mb3.7/9, Western Caroline Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like DAVO Davao City W, KRV Kuluw, HNR Honiara, etc.

IDC 25 20:29:13.3z.3.5.5.72S:147.19E, h197km,68km,mb2.8/3, mb1 2.9/5,mb1mx2.8/40,mbtmp3.5/9, Error ellipse: s-maj=127.3km s-min=30.7km az=112.0, Eastern New Guinea region

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

IDC 25 20:30:22.6z.1.9.35.43N:57.34E, h0km,mb3.4/5, mb1 3.6/9,mb1mx3.4/52,mbtmp3.5/9,ML3.3/4,MS2.4/1, MS1 2.4/1,ms1mx1.9/31, Error ellipse: s-maj=31.3km s-min=20.3km az=23.0

TEH 25 20:30:24.2z.35.60E:57.60E, h7km,ML3.5, IDC 25 20:30:25.6z.0.8.35.83N:0.04z.57.63E:0.04, h10km, n47, z093/48,mb3.4/4, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC, Res ISC. Includes stations like SBZV Sabzevar, SEZV Akhmed, IKRD Kardeh, ISFR Sfrayin, etc.

25d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IKOO Kooshah, IDAH Dahanechah, ISHM Shahmirzad, etc.

IDC 25:20:32:48.9-0.35:93N:97.50W, h0km, mb3.5/2, mb1.3/8, mb1mx3.6/48, mbtmp3.6/8, ML3.2/5, MS2.9/1, Ms1.2/8.1, ms1mx2.3/37, Error ellipse: s-maj=13.6km s-min=1.1km az=0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BCOK Bluff Creek, OK009 Okadale Elemen, OK005 Luther M Schoo, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Z414 Richland Creek, NATX Nacogdoches, MSTX Muleshoe, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ULM 0.6nm,0.3s,baz=120,slow=16,SNR=2.2, ULM 0.4nm,0.3s,baz=268,slow=17,SNR=2.4, etc.

PGC 25:21:20:55.4-0.2,47.36N:129.12W, h10km, MLSn2.8/15, MW3.5/15, 309km Wsw of Tofino, Be Off Coast Of Washington, Off coast of Washington

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EDB Eliza Dome, OZB Mount Ozzard, FTB Fair Harbour, etc.

IDC 25:12:25:23.2-0.4:68N-125.78E, h0km, mb3.3/4, mb1.3/8.5, mb1mx3.3/53, mbtmp3.3/4, Error ellipse: s-maj=132.1km s-min=25.3km az=68.0, Talaud Islands

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 25:12:29:41.4-1.8:2.03N-126.66E, h0km, mb3.5/5, mb1.3/8.5, mb1mx3.5/50, mbtmp3.6/5, MS3.6/3, Ms1.3/6.3, ms1mx2.7/35, Error ellipse: s-maj=112.5km s-min=23.9km az=67.0

NEIC 25:12:29:48.0-0.7, 1.98N:0.06E-126.49E:0.06, h50km, 11km, mb4.6/8, Error ellipse: s-maj=11.2km s-min=4.1km az=138.0

IDC 25:12:29:47.0-8.2:00N-0.10E-126.49E:0.09, h47km, n19, s066/16, mb4.1/8, MS3.6/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TINTI Ternate, LWL Luvuk, TOIL Toil, FITZ Fitzroy Crossi, etc.

WEL 25:12:34:23.0-5.0:45S-5.167E, h12km, M3.7/20, ML3.8/6, MLV3.7/20, Error ellipse: s-maj=0.0km s-min=0.0km az=126.4, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, PYZ Puysegur Point, MLZ Mavora Lakes, etc.

IDC 25:1:38:21.3-1.0:77.32N:7.49E, h0km, mb3.4/5, mb1.3/7.7, ms1mx2.3/55, mbtmp2.5/7, ML3.4/2, MS3.0/8, Ms1.3/8, ms1mx2.7/41, Error ellipse: s-maj=19.0km s-min=18.4km az=28.0

BER 25 21:38:22.1a.2.6.77.40N.7.59E, h10km, ML2.1, ML2.9(DNK), Confirmed Earthquake

DNK 25 21:38:25.8a.2.9.77.81N.6.50E, h37km, 164km, ML2.9

IEPN 25 21:38:25.0.77.36N.8.31E, h10km

ISC 25 21:38:19.8.1.8.77.48N.0.05.7.96E, 0.05, h0km, 12km, n34, a1988/40, mb3.3, MS3.1/5.3C, Svalbard region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BRBA Barentsburg A, KBS Kingsbay, SPA0 Spitsbergen Ar.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SP15 Spitsbergen Ar, HSPB Hornsund (broa).

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like DAG Danmarks Havn, DBG Daneborg.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZF12 Zemiya Franca, ARCES ARCESS Array B.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SUMG Summit, SFJD Kangerlussuaq.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GERES GERESS Array B, BELG Belogorony.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZALV Zalesovo Beam, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BRTR Keskin Array B, ALIKAR Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TORO Torodi Ar. Bea, TXAR Lajitas Array.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CTA Charters Tower, ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRA Warrungarra Arr, NWA0 Narrogin (SRO).

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FINES FINESS Array B, WEL 25 21:57:30.0, 39'S, 4.175'E.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PKVZ Pokaka, TWV2 Taureva.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ARHZ Aroapoanui, KAHZ Kahurangi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GWGZ Greta Valley S, PRHZ Parangahau.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like RTZ Rutahanga, PAVZ Pawanui.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KIW Kapiti Island, HOWZ Holdsworth Sta.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BUWZ Birch Farm, DUFZ D'Urville Isla.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CAW Cannon Point, MTW Mount Morrison.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TCW Tory Channel, PAWZ Paruwai Farm.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BHW Baring Head, MSWZ Moikau Station.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PLWZ Pailiser, QRZ Quartz Range.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like BSWZ Blackbirch Sta, THZ Tophouse.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KHZ Kahurangi, GREZ Greta Valley S.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LTZ Lake Taylor, MQZ McQueen's Vall.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ODZ Otahua Downs, SIJI Sorong.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FAKI Fak Fak, LWTI Ternate.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TUNZ Tutuila, TOJZ Tolitoli.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MT02 Curacav, MT02 Curacav.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PEL2 Peldehue, PEL2 Peldehue.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AC05 El Transito, AC05 El Transito.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MT05 Renca, MT05 Renca.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MT05 Santo Domingo, VA05 Santo Domingo.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AC04 Llanos de Chal, ZON Zonda.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MT09 Talagante, MT09 Talagante.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like G003 Copiap, BO02 Sierra Bellavi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AC02 Maricunga, AC02 Maricunga.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AC01 Pan de Azucar, BI03 Pano.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MO03 Manu Guanaco, PB14 IPOC Station F.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VA04 Juan Fernandez, PB10 IPOC Station F.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LC01 Cuncos Verde, LVC Limon Verde.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PB04 IPOC Station F, PLCA Paso Flores.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PB01 IPOC Station F, LL01 San Ignacio de P.

NEIC 25 22:01:37.5.1.8.2.58S:0.07:128.80E:0.05, h48km, 10km, mb4.4/18, Error ellipse: s-maj=10.4km s-min=6.1km

IDC 25 22:01:41.3a.3.2.76S:129.09E, h75km, 34km, mb3.7/2, mb1.4.0.5, mb1mx3.4/38, mbtmp4.0/5, MS3.1/3.1/3, ms1mx2.6/38, Error ellipse: s-maj=12.7km s-min=12.4km az=87.0

ISC 25 22:01:36.4.0.7.2.68S:0.06:128.78E:0.07, h35km, n31, a1949/30, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SIJI Sorong, SIJI Sorong.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like FAKI Fak Fak, LWTI Ternate.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like TUNZ Tutuila, TOJZ Tolitoli.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like DAV Davao City (W), MTN Mantion Dam.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KKM Kota Kinabalu, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WBO Warrungarra Arr, WRA Warrungarra Arr.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WRA Warrungarra Arr, WRA Warrungarra Arr.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like WR0 Warrungarra Arr, COEN Coen.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSA00 Pilbara Seismi, PSA00 Pilbara Seismi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSA01 Pilbara Seismi, PSA01 Pilbara Seismi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSA02 Pilbara Seismi, PSA02 Pilbara Seismi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSA03 Pilbara Seismi, PSA03 Pilbara Seismi.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PSA04 Pilbara Seismi, PSA04 Pilbara Seismi.

IDC 25 22:12:12.9a.1.8.17:22S:69.70W, h169km, 14km, mb3.2/2, mb1.3/4, mb1mx3.0/36, mbtmp3.7/4, Error ellipse: s-maj=32.1km s-min=13.4km az=107.0

ISC 25 22:12:13.3a.1.2.17:22S:0.08:69.7W:0.1, h173km, n6, a085/9, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like LVC Limon Verde, LVC Limon Verde.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SIV San Ignacio, SIV San Ignacio.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like SONM Songrio Array, SONM Songrio Array.

CNRM 25 22:31.9.0.8.36:75N:8.45W, h8km, 7km, Error ellipse: s-maj=6.1km s-min=5.0km az=85.0

MDD 25 22:36.3a.0.0.6.36:83N:8.42W, h11km, mbLg2.8/25, Error ellipse: s-maj=5.3km s-min=2.9km az=26.0, PPKIMO

INMG 25 22:36.3a.7.1.4.36:76N:8.44W, h13km, 2km, MD2.8, ML2.9, Error ellipse: s-maj=3.1km s-min=2.0km az=65.0

IGIL 25 22:36:33.8.36:75N:8.46W, h20km, ML3.2, ISC 25 22:36:33.5.1.2.36:90N:0.03:8.33W:0.03, h15km, 9km, n96, a160/173, 3C-2D, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PFV1 Vila Bisbo, PFV1 Vila Bisbo.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PFV1 Vila Bisbo, PFV1 Vila Bisbo.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PBDV Barranco-Do Ve, PBDV Barranco-Do Ve.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PVAQ Vaqueiros, PVAQ Vaqueiros.

IDC 25 22:10:12.3a.10.0.7:55N:94.34E, h0km, mb3.6/3, mb1.3/7.3, mb1mx3.3/49, mbtmp3.6/3, Error ellipse: s-maj=508.6km s-min=31.9km az=58.0, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like H08S1 Diego Garcia H, MKAR Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like ZALV Zalesovo Beam, WRA Warrungarra Arr.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO02 Combarbal, CO02 Combarbal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

NEIC 25 22:11:33.6a.2.4.30:91S:0.04:71.7W:0.1, h61km, 19km, Error ellipse: s-maj=4.0km s-min=5.8km az=98.0

GUC 25 22:11:33.4a.0.7.30:90S:71.59W, h68km, 10km, ML4.2, ISC 25 22:11:32.3a.1.30:90S:0.03:71.82W:0.10, h62km, 23km, n39, a125/57, 1C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO02 Combarbal, CO02 Combarbal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CO03 El Pedregal, CO03 El Pedregal.

25d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSP, PBCB, WETZ, etc.

2014 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like SALO, MICGM, ZOU, etc.

1238

Table with columns for station name, frequency, power, and other technical details. Includes stations like LVB, PAB, LIS, etc.

25d 22h

Table with columns for station call letters, city, frequency, and other details. Includes stations like R50A Paris, DGMT Dagmar, K38A Parkersburg, etc.

2014 DEC

Table with columns for station call letters, city, frequency, and other details. Includes stations like SIUC New Hope, NHSC Carbonale, S44A Palmer, etc.

1240

Table with columns for station call letters, city, frequency, and other details. Includes stations like MAKZ Makanchi, SGDS Sogindy, CBKS Cedar Bluff, etc.

1241

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SHLS, PRZ, O20A, IRK, HRA, RDMU, etc.

2014 DEC

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TIC, PSUT, ANMO, KIC, PKCU, etc.

25d 22h

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

DZM Mont Dzumac 137.40 355 eLR LR 23 57 16.0
STKA Stephens Creek 144.72 32 PKP PKPdf 23 13 00.1 -2.5

THE 25 22:57:09.0, 38.96N, 21.93E, h7km, 1km, ML2.3/12, Error ellipse: s-maj=1.8km s-min=0.4km az=202.0
ATH 25 22:57:08.7, 38.96N, 21.91E, h12km, 2km, ML2.3/15, Error ellipse: s-maj=2.2km s-min=0.6km az=287.0, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Evrytania, Agios Georgios, Ano Chora, etc.

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

TEH 25 22:59:46.8, 32.72N, 47.58E, h10km, ML2.8
ISN 25 22:59:46.4, 1.3, 32.72N, 47.61E, h15km, 7km, ML2.8
ISC 25 22:59:47.6, 0.9, 32.72N, 47.55E, 0.05, h10km, n17, @111/20, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Kafar-mosalman, Kamar-syah, Badra, etc.

mpv3.2 Error ellipse: s-maj=2.9km s-min=0.9km az=170.0
SOME 25 23:05:14.3, 42.62N, 76.15E, h10km
KRNET 25 23:05:14.1, 0.1, 42.60N, 76.16E, h16km, mb2.9
KNET 25 23:05:15.2, 0.6, 42.56N, 76.01E, h0km, ml1.8, Error ellipse: s-maj=6.8km s-min=2.8km az=51.0
ISC 25 23:05:14.4, 0.9, 42.61N, 76.02E, 0.01, h9km, 8km, n93, @092/170, 42C-14D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Boomsokoye usch, Ullahl, Ullahl, etc.

1243

Table with columns: KRBS, ANVS, KTBS, AAK, UCH, KUU, CHHK, SGDS, ARLS, PRZ, SATY, EKS2, EKS2, ZHN, ZHN, ZHN, ZHN, AML, ARXS, ARXS, ARXS, ARXS, MRKS, MRKS, MRKS, UZB, UZB, UZB, MNBS, MNBS, SHLS, SHLS, PDGK, PDGK, PDGK, PDGK. Includes station names, frequencies, and coordinates.

2014 DEC

Table with columns: MNAS, BTLS, TDK, DJR, KTMS, KK31, IDC 25 23:11:36.8-1.0, NEIC 25 23:11:36.8-1.0, TUL 25 23:11:36.8-1.0, ISC 25 23:11:36.8-1.0, Code, Station Name, Az, Az2, Phase ID, Time Res. Includes station names, frequencies, and coordinates.

25d 23h

Table with columns: NORC, CHIC, VILC, RSNC 25 23:19:05.3+1.3, Code, Station Name, Az, Az2, Phase ID, Time Res. Includes station names, frequencies, and coordinates.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LIT, NJ2, HHC, CFR, ZALV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NRIK, ARMA, QSPA, KLR, etc.

ZUR 26 00:58:56.9,4673N,9:08E, h8km±1km, MLH0.77, 6C-4D, Error ellipse: s-maj=3.5km s-min=0.7km az=244.0, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other technical details. Includes stations like PANIX, LLS, SLM2, etc.

IDC 26 01:02:24.1, 4.23:87S*179.75W, h502km, 12km, mb3.8/16, mb1 3.9/18, mb Imx3, 7/3, mbtmp4, 6/18, Error ellipse: s-maj=17.1km s-min=13.7km az=122.0, NEIC 26 01:02:25.1, 1.6:23:88S*0109-179.7W, 0.1, h519km, 6km, mb4.4/37, Error ellipse: s-maj=17.0km s-min=12.2km az=113.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other technical details. Includes stations like Code, Station Name, Az, Phase ID, Time Res, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CTAO, TAO, TOU, etc.

26d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TESR, BIZ, BURAR, MDUF, HARR, TLBR, VRI, MANR, KOLS, LEF, OJUZ, NEHR, MLR, DOPR, KSP, CJR, VOIR, LANS, OSTC, CHVC, UPC, MDC, MORC, ARR, DRGR, CLL, BRG, VYHS, SIRR, GZR, BZS, HERR, TIM, KHC, GERES, TORD.

SOME 26 01:03:59.7, 39.40N:73.60E, h15km
BUJ 26 01:03:59.9, 1.0, 39.46N:73.29E, h8km, mb3.7/2, ML3.4/5
DUI 26 01:03:59.3, 1.2, 39.23N:73.50E, h0km, mb3.7/9,
mb1.3/8/16, mb1mx3.6/6/1, mbtmp3.7/16, ML2.7/5, MS2.6/2,
Ms1.2.6/2, ms1mx2.2/4/9, Error ellipse: s-maj=23.1km
s-min=14.9km az=128.0

KRNET 26 01:04:01.1, 0.1, 39.43N:73.48E, h14km, mb4.1
ISU 26 01:04:01.7, 39.50N:73.44E, h10km
NNC 26 01:04:05.9, 1.1, 39.63N:73.61E, h0km, mb4.5, mpv4.2,
Error ellipse: s-maj=9.0km s-min=5.1km az=171.0
NEIC 26 01:04:08.4, 1.4, 39.57N:0.07:73.34E:0.09, h5km, 10km,
mb4.1/4, Error ellipse: s-maj=10.9km s-min=9.1km
az=134.0

ISC 26 01:04:03.1, 1.0, 39.60N:0.03:73.72E:0.02, h18km, 3km,
n129, z201/171, mb3.7/9, 30C-24D, Tajikistan-Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, SFK, OHH, DRK, ARSB, ARLS, AML, UCH, TRKS, MNAS, EKS2, AAK, MRKS, MRKS, KBK, KBK, ULHL.

2014 DEC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULHL, FRU1, BOOM, CHMS, CHMS, TKM2, IUG, KST, DGS, DGS, IZV, MTBS, MTBS, TNSS, TNSS, KK31, KK31, AAA, AAA, KRBS, KRBS, MDOK, MDOK, MDOK, MDOK, ANVS, ANVS, KNDC, KNDC, KOTS, KOTS, KOTS, KOTS, BRLS, BRLS, BRLS, PRZ, PRZ, KTBS, KTBS, ULHL.

1246

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTBS, KUU, KUU, KUU, CHKK, CHKK, CHKK, SATY, SATY, SATY, UZB, UZB, UZB, KPKS, KPKS, BTLS, BTLS, BTLS, ARXS, ARXS, ARXS, SHLS, SHLS, SHLS, MNBS, MNBS, MNBS, PDGK, PDGK, PDGK, CEP, CEP, NIL, KBL, THW, KAPS, KAPS, MAKZ, MK31, MKAR, WMQ, WMQ, KURBB, KURBB, KURK, KUDL, KUDL, BVAR, BVAR, BRVK, BRVK, ABKAR, AKTO, AKTO, ZAAO, ZAAO, ZAAO, ZALV, ZALV, ARU, ARU, ARU, GTA, GTA, GTA, BR131, BR131, BR131, FINES, FINES, ARCES, ARCES, CLL, CLL, NOA, NOA, ESCD, ESCD, TORD, TORD, ILAR, ILAR, YKA, YKA, WRA, WRA, JAYA, JAYA.

GCG 26 01:45:31.7, 0.7, 14.00N:90.63W, h124km, 17km, MD3.4
SNET 26 01:45:32.5, 0.7, 13.94N:90.47W, h90km, 5km, ML2.9
ISC 26 01:45:32.5, 4.0, 13.8N:0.2:90.4W:0.1, h104km, 28km, n9,
z095/14, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NUBE, NUBE, NUBE, PCG, PCG, FUG, FUG, FUG, NIBG, NIBG, UNIC, UNIC, JAYA, JAYA.

26d 2h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KBL, ARU, AB31, etc.

2014 DEC

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TESC, BIZ, BUR08, etc.

1248

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TX31, TXAR, TXAR, etc.

WEL 26 02:14:29.8, 41 S, 3, 17 4E, h=163km, gkm, M3.4/0, M3.4/0, Ellipse: s-maj=0.0km s-min=0.0km az=81.7, Cook Strait

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DUJW, QZQ, TCW, etc.

THE 26 02:32:25.6, 33 98N, 26 57E, h8km, 14km, M2.4/3, Error ellipse: s-maj=19.5km s-min=1.4km az=146.0

ATH 26 02:32:29.6, 34 20N, 26 05E, h16km, 4km, M2.4/5, Error ellipse: s-maj=7.1km s-min=2.5km az=343.0

NIC 26 02:32:33.8, 0.0, 34 09N, 26 44E, h15km, 7km, M13.5/4

ISC 26 02:32:29.6, 2.0, 34 17N, 0 07, 26 13E, 0.04, h8km, 11km, n36, +1926/49, Crete

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

26d 5h

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

WEL 26 04:50:05.9, 45°S, 167°E, h106km, 10km, M2.6/10, ML2.6/10, Error ellipse: s-maj=0.0km s-min=0.0km az=70.8, South Island

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

IDC 26 04:58:46.6, 3.0, 167.85S, 168.16E, h54km, 26km, mb4.1/18, mb1.4/3/19, mb1mx4.2/37, mbtmp4.5/19, ML2.6/2, MS3.6/13, Ms1.3/6/13, ms1mx3.4/36, Error ellipse: s-maj=20.7km s-min=13.8km az=80.0

BUI 26 04:58:46.0, 0.0, 17.18S, 168.20E, h69km, mb5.1/19, mb4.6/27, Ms4.6/4, Ms7.4/3/4

NEIC 26 04:58:49.0, 1.4, 16.87S, 0.06, 168.05E, 0.10, h71km, 5km, mb4.6/45, Error ellipse: s-maj=13.9km s-min=7.9km az=70.0

GCMT 26 04:58:52.0, 0.3, 16.88S, 0.02, 168.01E, 0.02, h94km, 3km, MW5.1/67, Moment tensor: S47.050; s67.c85; Duration: 0 Moment tensor: Scale 10^16Nm; Mr1.37; 20; Mw3.89; 21; Mw5.26; 18; Mw1.04; 16; Mw3.97; 24; Mw0.36; 16; Best double couple: Mr6.19900x10^16 NP1.9x204.00000; s80.00000; l170.00000; NP2: q2.95; 0.00000; s80.00000; l10.00000; Principal axes: T 5.6550, Plg14.00000; Azm160.00000; N 1.0880, Plg76.00000; Azm339.00000; P -6.7420, Plg0.00000; Azm70.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 04:58:48.8, 0.4, 16.889S, 0.04, 168.10E, 0.07, h71km, n117, 0.92/110, mb4.7/37, 1.0C, Vanuatu Islands

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

2014 DEC

Main table with columns: ARMA, Armidale, 20.19 225, P, I, Amb, I, Amb, 05 03 18.9, +1.1, 05 03 33.5, etc. Includes stations like CTAA, PMG, URZ, COEN, STKA, etc.

1250

Table with columns: YBH, Yreka Blue Hor, 86.38 45, LR, LR, 05 48 40.3, etc. Includes stations like BEKR, NVAR, NVAR, etc.

IDC 26 05:01:42.4, 8.5, 36.26N, 142.51E, h0km, mb3.5/3, mb1.3/5/4, mb1mx3.3/47, mbtmp3.5/4, ML2.9/1, MS2.6/1, Ms1.2/6/1, ms1mx2.2/53, Error ellipse: s-maj=183.7km s-min=53.8km az=164.0

JMA 26 05:01:48.7, 0.3, 36.70N, 142.08E, h23km, 4km, M3.6, NIED 26 05:01:48.7, 36.70N, 142.08E, h23km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mw1.0; Mo=0.29; Mw0.10; Mw0.25; Mw0.37; Mw1.87; Fault plane solution: Ms2.04000x10^14 NP1.9x9.00000; s87.00000; l68.00000; NP2: q2.273.00000; s22.00000; l173.00000

ISC 26 05:01:47.2, 3.6, 36.72N, 142.05E, 0.05, 142.04E, 0.08, h0km, 24km, n21, 0.94/30, mb3.6/3, Off east coast of Honshu

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

IDC 26 05:02:59.8, 2.0, 6.70S, 129.99E, h0km, mb3.7/2, mb1.4/2/4, mb1mx3.7/41, mbtmp4.0/4, ML4.2/2, MS2.9/1, Ms1.2/9/1, ms1mx2.5/32, Error ellipse: s-maj=142.0km s-min=30.0km az=70.0

DJA 26 05:03:02.0, 4.6, 6.7S, 132.2E, h119km, 14km, M4.5/8, mb5.2/3, mb4.6/6, ML4.5/8, Mw(MB)4.5/3

ISC 26 05:03:02.4, 1.0, 6.11S, 0.05, 132.2E, 0.11, h100km, n110, 0.49/45/11, Tanibarua Islands region

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

UCR 26 05:06:52.2, 1.3, 7.94N, 82.82W, h10km, MW3.6 UPA 26 05:06:52.0, 0.8, 7.94N, 82.82W, h19km, 2km, MW3.5 ISC 26 05:06:50.0, 2.9, 7.9N, 0.2, 82.86W, 0.06, h16km, 13km, n15, 0.89/20, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BCO2 Palmira, BRU2 Volcan, BRU2 Volcan, etc.

IDC 26 05:08:13.5:0.6,56:89S:150:63W,h0km,mb4.3/8, mb1.4/5.8,mb1mx4.2/26,mbtmp4.3/8,MS3.7/11, Ms1.3.7/11,ms1mx3.5/27,Error ellipse: s-maj=44.1km s-min=16.6km az=10.0

NEIC 26 05:08:15.6:0.9,56:9S:0.2:150:76W:0.09,h10km,1km, mb4.7/14,Error ellipse: s-maj=34.5km s-min=6.8km az=7.0

ISC 26 05:08:15.2:0.6,56:8S:0.2:150:7W:0.1,h10km,n57, c#083/30,mb4.6/13,MS3.8/14,Pacific-Antarctic Ridge

Main table of station data for the first section, including stations like VVDA Vanda, QSPA South Pole Qui, TBI Tubuai, etc.

IDC 26 05:15:32.2:2.5,6:92S:125:25E,h520km,33km,mb3.1/6, mb1.3/3.9,mb1mx3.0/47,mbtmp4.1/9,Error ellipse: s-maj=47.4km s-min=11.9km az=66.0

ISC 26 05:15:33.4:0.8,7:05S:0.10:125:1E:0.2,h543km,n9, c#138/12,mb3.6/6,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

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

WEL 26 05:24:27.4,44'S:1°17'22"E,h11km,22km,M2.0/7,ML2.1/7, az=129.7,South Island

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

IDC 26 05:26:46.8:3.4,54:30N:87.47E,h0km,mb1.2/9/2, mb1mx2.8/59,mbtmp2.9/2,ML2.6/2,Error ellipse: s-maj=28.5km s-min=20.4km az=42.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 26 06:07:08.7:0.5,21:44N:98:37E,h0km,mb4.4/21, mb1.4/5.23,mb1mx4.4/33,mbtmp4.4/23,ML4.5/2,MS3.6/7, Ms1.3.7/7,ms1mx3.2/34,Error ellipse: s-maj=18.3km s-min=10.2km az=69.0

MOS 26 06:07:08.4:1.0,21:43N:98:32E,h10km,mb4.7/30,Error ellipse: s-maj=12.4km s-min=5.1km az=111.2

BUI 26 06:07:08.9:0.7,9.21:49N:06:98:44E,0.06,h10km,1km, mb4.8/56,Ms_20 4.6/27,Error ellipse: s-maj=12.3km s-min=6.1km az=139.0

ISC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PAYA Payao, CHTO Chiang Mai, CHTO Chiang Mai, etc.

ISC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, RAMN Ramite, RAMN Gamba, etc.

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PYUN Piuthan, XAN Xi'an, XAN Xi'an, etc.

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KULM Kulim, WHN Wuhan, GTA Gaotai, etc.

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPSI Rantau Prapat, RPSI Rantau Prapat, RPSI Rantau Prapat, etc.

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

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

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

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

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

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

IDC 26 06:07:10.0:0.3,21:37N:0:03:98:39E:0.04,h10km,n252, c#170/259,mb4.6/77,MS4.4/26,11C-2D,Myanmar

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

26d 6h

Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Makanchi Array, Kurty, Taldyqorghhan, etc.

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Table with columns: Station Name, Time, Res, and various parameters. Includes stations like Tiksi, Warramunga Arr, Warramunga Arr, etc.

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Table with columns: Station Name, Time, Res, and various parameters. Includes stations like BORG Borganes, DAWY Dawson, CART Cartagena, etc.

UDC 26 06:33:48.9.7.7, 18:64S:69:73W, h145km, 53km, mb3.4/2, mb1 3.3/3, mb1mx3.1/26, mbtmp3.8/3, Error ellipse: s-nmaj=78.6km s-minj=75.0km az=23.0

Code Station Name Az AZZ Phase ID Op ISC Time Res h m s ISC

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, PATCX Puntata Patache, PB01 IROC Station P, etc.

KRSC 26 06:37:44.5:2.2,49.53N:156.23E, h48km, 22km, ML3.8, Kuril Islands

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

IDC 26 06:37:51.2:0.8,56:89S:150:79W, h0km, mb4.0/5, mb1.4/2.5, mb1mx4.0/2.3, mbtmp4.0/5, MS3.3/1, Ms1.3/4.1, ms1mx2.9/1.7, Error ellipse: s-maj=111.6km s-min=21.3km az=7.0

NEIC 26 06:37:53.1:0.6,57:2S:0:1:151:0W:0.2, h10km, 1km, mb4.6/12, Error ellipse: s-maj=26.4km s-min=10.3km az=55.0

ISC 26 06:37:52.9:0.7,57:1S:0:2:150:9W:0.1, h10km, n30, o675/23, mb4.3/8, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VVND Vanda, OUZ Ouhahuta, QSPA South Pole Qui, etc.

ISK 26 06:54:39.0, 34:91N:23:06E, h21km, ML3.3/6

ATH 26 06:54:40.3, 34:93N:23:15E, h41km, 2km, ML3.5/6, Error ellipse: s-maj=3.2km s-min=1.3km az=41.0

HLW 26 06:54:40.7, 34:89N:23:61E, h10km, 14km, M4.0, Ms1.3/2.9, ms1mx2.9/3.2, mbtmp4.6/4.1, MS3.2/9, Error ellipse: s-maj=1.7km s-min=0.5km az=199.0

IDC 26 06:54:43.7, 6.0, 35:11N:23:29E, h68km, 2km, mb3.7/5, mb1.3/7.1, mb1mx3.4/5, mbtmp3.8/1.1, MS2.6/2, Ms1.2/6.2, ms1mx2.3/5.5, Error ellipse: s-maj=85.4km s-min=24.2km az=35.0

ISC 26 06:54:39.2:1.3, 34:83N:0:04:23:10E:0:05, h82km, 10km, n91, o154/114, mb4.1/5, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVD Gavdhos, HFRF What Farafira, GLL Jalalah, etc.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVD Gavdhos, ANKY Antikythira Is, PRNS Prines Rethymn, SIVA Sivas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, GRB Garib, MLR Muntele Rosu, etc.

IDC 26 06:56:54.8:3.2, 2:98N:83:93W, h0km, mb3.7/6, mb1.4/0.7, mb1mx3.7/3.0, mbtmp3.7/7.7, ML4.0/2, MS3.4/1.5, Ms1.4/1.5, ms1mx3.2/4.3, Error ellipse: s-maj=88.2km s-min=52.2km az=40.0

ISC 26 06:57:01.5:1.6, 3:2N:0:2:83:9W:0.3, h35km, n19, o678/9, mb3.6/6, MS3.3/10, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTS Las Juntas de, ROSE El Rosal, ATAH Atahualpa, etc.

DMN 26 07:08:07.6:0.0, 28:64N:87:68E, h60km, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

NEIC 26 07:08:09.6:1.7, 28:53N:0:08:87:35E:0:08, h57km, 5km, mb4.5/15, Error ellipse: s-maj=12.6km s-min=10.0km az=204.0

BUI 26 07:08:09.0:0.0, 29:12N:87:43E, h8km, mb4.6/4, mb4.5/15, ML4.0/1, Ms3.9/16, Ms7.3/6/15

NDI 26 07:08:10.7:3.2, 28:31N:87:43E, h50km, mb4.7, ML4.7, mb4.9(NEIC)

MOS 26 07:08:11.2:1.0, 28:56N:87:42E, h89km, mb4.9/59, Error ellipse: s-maj=7.6km s-min=3.1km az=120.8

IDC 26 07:08:11.7:0.6, 28:40N:87:48E, h86km, 5km, mb4.3/39, mb1.4/4.1, mb1mx4.2/6.6, mbtmp4.6/4.1, MS3.2/9, Ms1.3/2.9, ms1mx2.9/3.2, Error ellipse: s-maj=14.5km az=111.1

ISC 26 07:10:11.3:0.4, 28:44N:0:03:87:44E:0:03, h73km, 3km, h73km:pp-P, n508, o157/538, mb4.8/155, 20C-40D, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAPN Tappejung, GUN Gumba, GVK Gokong, etc.

26d 7h

Table with columns for station call letters, frequency, power, and time. Includes stations like SHL Shillong, SHL comp=E,404nm,0.3s, SHL comp=N,557nm,0.5s, SILR SILCHAR, etc.

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Table with columns for station call letters, frequency, power, and time. Includes stations like BOOM Boomskeue usch, BOOM comp=Z,45nm,0.8s, BOOM Boomskeue usch, etc.

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Table with columns for station call letters, frequency, power, and time. Includes stations like ZAAO comp=Z,16nm,0.7s, ZALV Zalesovo Beam, ZALV comp=Z,22nm,0.7s, etc.

| | | | | | | |
|-------|-------------------------------------------|-----------|-------|-------|------------|------|
| TMCR | Tamitsa | 47.40 333 | eP | P | 07 16 35.1 | -1.7 |
| TMCR | comp=Z,16nm,0.5s | | | | | |
| ELL | Elmaili | 48.55 295 | P | P | 07 16 47.0 | +0.6 |
| ELL | Elmaili | 48.55 295 | P | P | 07 16 47.0 | +0.6 |
| AKASG | Malin Array Be | 48.66 314 | P | P | 07 16 46.5 | -0.2 |
| AKASG | comp=Z,17nm,0.7s,baz=75,slow=8.0,SNR=16 | | | | | |
| AKASG | Malin Array Be | 48.66 314 | eP | P | 07 16 46.0 | -0.8 |
| AKASG | comp=Z,17nm,0.7s | | | | | |
| AKASG | Malin Array Be | 48.66 314 | P | P | 07 16 47.1 | +0.3 |
| AKBB | Malin Array Si | 48.66 314 | eP | P | 07 16 46.5 | -0.3 |
| AKBB | Malin Array Si | 48.66 314 | P | P | 07 16 46.4 | -0.3 |
| | comp=Z,19nm,0.8s | | | | | |
| KIEV | Kiev | 48.67 314 | P | P | 07 16 45.0 | -1.8 |
| TLCR | TLCR | 48.76 307 | ↑P | P | 07 16 48.3 | +0.6 |
| TLCR | TLCR | 48.76 307 | P | P | 07 16 48.2 | +0.6 |
| TIXI | Tiksi | 48.81 16 | ↑P | P | 07 16 47.2 | -0.5 |
| TIXI | comp=Z,11nm,0.5s | | | | | |
| TIXI | Tiksi | 48.81 16 | P | P | 07 16 48.1 | +0.4 |
| TIXI | TLCR | 50.78 307 | I Amb | I Amb | 07 17 48.5 | |
| | comp=Z,4.7nm,0.6s | | | | | |
| TPGR | Toplog | 49.05 306 | ↑P | P | 07 16 50.7 | -0.8 |
| SORM | Soroca | 49.10 311 | ↑P | P | 07 16 50.4 | +0.2 |
| SORM | Soroca | 49.10 311 | P | P | 07 16 50.3 | +0.2 |
| CFR | Carcalui | 49.24 307 | ↑P | P | 07 16 51.9 | +0.5 |
| CFR | Carcalui | 49.24 307 | P | P | 07 16 52.1 | +0.8 |
| CFR | comp=Z,11nm,0.9s | | | | | |
| JOF | Joensuu | 49.77 330 | P | P | 07 16 56.0 | +0.9 |
| JOF | comp=Z,39nm,0.8s | | | | | |
| LVZ | Lovozoro | 50.21 337 | ↑P | P | 07 16 58.8 | +0.5 |
| LVZ | comp=Z,32nm,1.0s | | | | | |
| LVZ | Lovozoro | 50.21 337 | P | P | 07 16 58.9 | +0.5 |
| VRI | Vrincioaia | 50.22 308 | ↑P | P | 07 17 00.5 | +1.8 |
| TESR | Fescani | 50.25 308 | ↑P | P | 07 16 59.7 | +0.6 |
| PJOR | Plostinia | 50.27 308 | ↑P | P | 07 17 00.3 | +1.6 |
| PJOR | Plostinia | 50.27 308 | P | P | 07 17 00.8 | +1.6 |
| KMPD | K-Podol'skiy | 50.37 311 | P | P | 07 16 59.0 | -0.8 |
| NEHR | Nehouj | 50.53 307 | ↑P | P | 07 17 02.3 | +1.1 |
| IDIO | Idiazulis | 50.58 320 | ↑P | P | 07 17 02.0 | +0.8 |
| BIZ | Bicaz | 50.62 309 | ↑P | P | 07 17 02.7 | +1.0 |
| MZL | Muntele Rosu | 50.67 307 | ↑P | P | 07 17 04.8 | +1.6 |
| | comp=Z,29nm,0.8s,baz=266,slow=1.3,SNR=75 | | | | | |
| MLR | Muntele Rosu | 50.78 307 | ↑P | P | 07 17 05.0 | +1.8 |
| MLR | Muntele Rosu | 50.78 307 | P | P | 07 17 04.8 | +1.6 |
| CZUR | Cuzne | 50.86 308 | ↑P | P | 07 17 04.1 | +0.4 |
| IGIN | Ignalina | 50.86 320 | ↑P | P | 07 17 04.3 | +0.8 |
| ISAL | Isalakas | 50.95 320 | ↑P | P | 07 17 04.9 | +0.8 |
| DOPR | Dopca | 51.15 308 | ↑P | P | 07 17 07.1 | +1.3 |
| BURAR | Bucovina Array | 51.21 310 | ↑P | P | 07 17 07.1 | +0.7 |
| BURAR | Bucovina Array | 51.21 310 | P | P | 07 17 08.4 | +0.7 |
| VOIR | VOIR | 51.41 307 | ↑P | P | 07 17 08.5 | +0.7 |
| VOIR | comp=Z,6.0nm,1.2s | | | | | |
| ARR | Arges | 51.71 307 | ↑P | P | 07 17 10.9 | +0.9 |
| ARCR | ARCALLIA | 51.81 309 | ↑P | P | 07 17 12.3 | +1.6 |
| FINES | FINESS Array B | 51.83 328 | P | P | 07 17 10.9 | +0.5 |
| FINES | comp=Z,4.2nm,0.5s,baz=113,slow=7.4,SNR=42 | | | | | |
| FINES | FINESS Array B | 51.83 328 | i P | P | 07 17 10.8 | +0.4 |
| PLD | Plodiv | 51.93 303 | P | P | 07 17 13.9 | +2.3 |
| PLD | comp=Z,4.0nm,0.4s | | | | | |
| SUF | Suomien | 52.02 329 | P | P | 07 17 12.9 | +0.9 |
| SUF | comp=Z,54nm,0.8s | | | | | |
| SANT | Santorini | 52.15 296 | ↑P | P | 07 17 11.7 | -1.8 |
| PABE | Paberze | 52.17 320 | ↑P | P | 07 17 14.0 | +0.8 |
| CJR | Cluj-Napoca | 52.35 309 | ↑P | P | 07 17 16.3 | +1.5 |
| CJR | Cluj-Napoca | 52.35 309 | ↑P | P | 07 17 16.2 | +1.5 |
| LASTH | Lasthin | 52.36 294 | P | P | 07 17 15.4 | +0.4 |
| BMR | Baia Mare | 52.37 310 | ↑P | P | 07 17 15.8 | +1.0 |
| BMR | Baia Mare | 52.37 310 | P | P | 07 17 15.8 | +1.0 |
| MA2 | Magadan | 52.48 35 | LR | LR | 07 39 57.3 | |
| | comp=Z,33nm,18.1s,baz=63,slow=36 | | | | | |
| SUW | Suwalki | 52.55 318 | P | P | 07 17 14.9 | -1.1 |
| SUW | comp=Z,44nm,1.0s | | | | | |
| SUW | Suwalki | 52.55 318 | P | P | 07 17 14.9 | -1.1 |
| IDI | Anoyia | 52.80 294 | P | P | 07 17 18.6 | +0.3 |
| IDI | comp=Z,5.5nm,0.7s,baz=9,SNR=7.3 | | | | | |
| IDI | Anoyia | 52.80 294 | P | P | 07 17 18.3 | 0.0 |
| IGIN | Ignalina | 52.86 320 | I Amb | I Amb | 07 17 18.3 | 0.0 |
| KWP | Kalwarja Pacla | 52.82 312 | P | P | 07 17 18.5 | +0.3 |
| KWP | comp=Z,51nm,0.5s | | | | | |
| KWP | Kalwarja Pacla | 52.82 312 | P | P | 07 17 18.4 | +0.3 |
| SRS | Serrai | 52.87 302 | P | P | 07 17 19.4 | +0.7 |
| SRS | comp=Z,9.0nm,0.7s | | | | | |
| DEV | Deva | 52.88 308 | ↑P | P | 07 17 20.1 | +1.5 |
| DEV | Deva | 52.88 308 | P | P | 07 17 20.4 | +1.8 |
| DEV | comp=Z,20nm,0.9s | | | | | |
| DRGR | DRGR | 52.95 309 | ↑P | P | 07 17 20.3 | +1.1 |
| DRGR | DRGR | 52.95 309 | P | P | 07 17 20.1 | +0.9 |
| | comp=Z,14nm,0.8s | | | | | |
| VTS | Vitosha | 52.95 304 | ↑P | P | 07 17 20.3 | +0.9 |
| VTS | Vitosha | 52.95 304 | P | P | 07 17 20.7 | +1.3 |
| VTS | comp=Z,15nm,0.9s | | | | | |
| PAIG | Paliouri | 52.97 300 | P | P | 07 17 20.6 | +1.2 |
| CZR | Gura Zlata | 53.01 327 | ↑P | P | 07 17 21.7 | +0.6 |
| KOLS | Kolonickie sedl | 53.13 312 | eP | P | 07 17 21.0 | +0.6 |
| KOLS | comp=Z,4.0nm,1.0s | | | | | |
| KOLS | Kolonickie sedl | 53.13 312 | eP | P | 07 17 21.0 | +0.6 |
| HEHR | Herculane | 53.17 320 | ↑P | P | 07 17 22.4 | +0.5 |
| PEUR | Peaburge | 53.35 320 | ↑P | P | 07 17 23.8 | +0.9 |
| KEV | Kevo | 54.46 338 | P | P | 07 17 23.2 | +0.7 |
| KEV | comp=Z,121nm,1.6s | | | | | |
| KEV | Kevo | 54.46 338 | P | P | 07 17 23.2 | +0.7 |
| CRVS | Cervenica-Dubn | 53.67 312 | eP | P | 07 17 26.1 | +1.7 |
| CRVS | Cervenica-Dubn | 53.67 312 | eP | P | 07 17 26.1 | +1.7 |
| SIRR | Siria | 53.72 308 | ↑P | P | 07 17 26.3 | +1.5 |
| GRG | Griva | 53.79 302 | ↑P | P | 07 17 25.9 | +0.5 |
| BZS | Buzias | 53.80 307 | ↑P | P | 07 17 26.1 | +0.7 |
| BZS | Buzias | 53.80 307 | P | P | 07 17 26.7 | +1.3 |
| | comp=Z,14nm,0.9s | | | | | |
| MDVR | Moldovita | 53.82 306 | ↑P | P | 07 17 26.7 | +1.1 |
| LIT | Litohoron | 53.85 301 | P | P | 07 17 26.0 | +0.2 |
| LIT | comp=Z,18nm,1.0s | | | | | |
| LIT | Litohoron | 53.85 301 | P | P | 07 17 26.0 | +0.2 |
| LIT | comp=Z,18nm,1.0s | | | | | |
| ARAO | ARCESS Array S | 53.90 337 | eP | P | 07 17 26.5 | +0.7 |
| ARCES | ARCESS Array S | 53.90 337 | P | P | 07 17 26.6 | +0.9 |
| ARCES | comp=Z,13nm,0.6s,baz=109,slow=8.4,SNR=91 | | | | | |
| ARCES | ARCESS Array S | 53.93 337 | LR | LR | 07 42 19.1 | |
| ARCES | ARCESS Array B | 53.93 337 | P | P | 07 17 26.1 | +0.4 |
| BEL | Belsk | 53.98 315 | eP | P | 07 17 27.1 | +0.6 |
| BEL | Belsk | 53.98 315 | eP | P | 07 17 27.2 | +0.6 |
| AGG | Agios Georgios | 54.14 299 | P | P | 07 17 27.9 | -0.1 |
| AGG | comp=Z,53nm,0.6s | | | | | |
| AGG | Agios Georgios | 54.14 299 | P | P | 07 17 27.9 | -0.1 |
| AGG | Agios Georgios | 54.14 299 | P | P | 07 17 27.4 | -0.6 |
| THR | Klokotos Trika | 54.30 300 | P | P | 07 17 28.4 | -0.6 |
| GUR | Goura | 54.32 298 | P | P | 07 17 28.4 | -1.0 |
| KZN | Kozani | 54.36 301 | P | P | 07 17 30.1 | +0.5 |
| NIE | Niedzica | 54.40 312 | P | P | 07 17 31.3 | +1.6 |
| VIX | Vlachokerasia | 54.40 297 | P | P | 07 17 29.0 | -1.0 |
| KLK | Kalavyrtia, Ach | 54.45 298 | P | P | 07 17 28.8 | -1.5 |
| ANX | Ano Chora | 54.53 299 | P | P | 07 17 30.3 | -0.6 |
| KTK1 | Kautokeino | 54.55 337 | eP | P | 07 17 31.2 | +0.8 |
| EVFR | Evyntina | 54.56 299 | P | P | 07 17 30.7 | +0.4 |
| FNA | Florina | 54.58 302 | P | P | 07 17 31.3 | +0.1 |
| FNA | comp=Z,7.0nm,0.7s | | | | | |
| FNA | Florina | 54.58 302 | P | P | 07 17 31.3 | +0.1 |

| | | | | | | |
|--------|-------------------|-----------|-------|-------|------------|------|
| FNA | comp=Z,7.5nm,0.7s | | | | | |
| OJC | Ojcow | 54.67 313 | eP | P | 07 17 32.0 | +0.3 |
| OJC | Ojcow | 54.67 313 | eP | P | 07 17 32.0 | +0.3 |
| OJC | Ojcow | 54.67 313 | I Amb | I Amb | 07 17 31.8 | +0.2 |
| | comp=Z,13nm,0.7s | | | | | |
| KPRO | Kipourio | 54.73 301 | P | P | 07 17 31.6 | -0.7 |
| ITM | Rthomi | 54.79 297 | P | P | 07 17 32.3 | -0.4 |
| ITM | comp=Z,14nm,0.7s | | | | | |
| HAMF | Hammerfest | 54.80 339 | eP | P | 07 17 31.8 | -0.4 |
| NEST | Nestorio | 54.89 301 | P | P | 07 17 33.6 | +0.1 |
| AMT | Artemida-Makis | 54.89 298 | P | P | 07 17 32.7 | -0.8 |
| PYI | PYLOS | 54.95 297 | P | P | 07 17 32.8 | -1.4 |
| PDO | Prodromos | 55.10 319 | P | P | 07 17 34.5 | +0.4 |
| DIVS | Divirava | 55.12 306 | P | P | 07 17 35.5 | +0.4 |
| LSK | Leskovik | 55.27 301 | P | P | 07 17 36.3 | +0.1 |
| VYHS | Vyhne | 55.43 311 | eP | P | 07 17 37.7 | +0.5 |
| VYHS | comp=Z,7.0nm,1.4s | | | | | |
| VYHS | Vyhne | 55.43 311 | eP | P | 07 17 37.7 | +0.5 |
| NYDR | Nydrif-Lefkada | 55.45 299 | P | P | 07 17 36.3 | -1.1 |
| IGT | Igoumenitsa | 55.58 300 | P | P | 07 17 37.1 | -1.3 |
| IGT | comp=Z,43nm,0.7s | | | | | |
| IGT | Igoumenitsa | 55.58 300 | P | P | 07 17 37.3 | -1.1 |
| OKC | Ostrava-Krasne | 55.76 313 | eP | P | 07 17 39.3 | -0.2 |
| SRO | Srobarova | 55.85 310 | eP | P | 07 17 41.6 | +1.5 |
| SRO | comp=Z,15nm,0.8s | | | | | |
| SRO | Srobarova | 55.85 310 | eP | P | 07 17 41.6 | +1.5 |
| PDG | Podgorica | 55.90 304 | ↑P | P | 07 17 40.6 | +0.1 |
| PDG | Podgorica | 55.90 304 | P | P | 07 17 40.6 | +0.1 |
| KEK | Kerkira | 55.95 301 | P | P | 07 17 39.7 | -1.3 |
| MORC | Moravsky Berou | 56.16 313 | ↑P | P | 07 17 43.4 | +1.0 |
| MORC | Moravsky Berou | 56.16 313 | ↑P | P | 07 17 43.4 | +1.0 |
| MORC | Moravsky Berou | 56.16 313 | P | P | 07 17 41.2 | -1.2 |
| MORC | comp=Z,9.0nm,0.7s | | | | | |
| MORC</ | | | | | | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time Res | ISC | h | m | s | ISC |
|------|-----------------|----------|-----|----------|-----------------|-----|---|---|---|-----|
| ZIFJ | Novajia | 1.33 269 | Sg | Sb | 08 43 49.2 -1.1 | | | | | |
| NVLJ | Zagreb | 1.33 337 | ePg | Pn | 08 43 53.8 +0.7 | | | | | |
| ZAG | Zagreb | 1.33 337 | ePg | Pn | 08 43 34.4 -1.3 | | | | | |
| ZAG | Zagreb | 1.33 337 | ePg | Pn | 08 43 52.5 +0.7 | | | | | |
| MAKA | Makarska | 1.33 171 | ePg | Pn | 08 43 34.2 -1.5 | | | | | |
| MAKA | Makarska | 1.33 171 | ePg | Pn | 08 43 32.7 -0.5 | | | | | |
| DUGI | Dugi Otok | 1.35 244 | ePg | Pn | 08 43 34.7 -1.2 | | | | | |
| DUGI | Dugi Otok | 1.35 244 | ePg | Pn | 08 43 54.0 +0.3 | | | | | |
| OZLJ | Ozalj | 1.35 319 | iPg | Pn | 08 43 36.2 +0.3 | | | | | |
| OZLJ | Ozalj | 1.35 319 | iPg | Pn | 08 43 54.3 +0.7 | | | | | |
| BOJS | Bujanci | 1.38 311 | ePg | Pn | 08 43 35.7 -0.7 | | | | | |
| BOJS | Bujanci | 1.38 311 | ePg | Pn | 08 43 38.5 -0.1 | | | | | |
| PTJ | Puntijarka | 1.41 338 | ePg | Pn | 08 43 56.0 0.0 | | | | | |
| HVAR | Hvar | 1.44 188 | ePg | Pn | 08 43 37.9 +0.8 | | | | | |
| CRES | Cresnjev | 1.52 324 | ePg | Pn | 08 43 38.2 -0.1 | | | | | |
| CRES | Cresnjev | 1.52 324 | ePg | Pn | 08 43 58.1 -0.4 | | | | | |
| KALN | Kalnik | 1.54 353 | ePg | Pn | 08 43 42.3 +0.8 | | | | | |
| KALN | Kalnik | 1.54 353 | ePg | Pn | 08 43 58.9 0.0 | | | | | |
| HAPS | Han Pijesak, BI | 1.68 107 | ePn | Pn | 08 43 40.4 -0.1 | | | | | |
| HAPS | Han Pijesak, BI | 1.68 107 | ePn | Pn | 08 44 02.6 0.0 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 43 42.2 +0.8 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 44 04.8 +0.6 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 43 42.3 +0.8 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 44 07.0 +1.7 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 43 42.1 +0.7 | | | | | |
| RIY | Rijeka | 1.75 295 | ePn | Pn | 08 44 05.7 +1.5 | | | | | |
| LSTV | Lastovo | 1.84 176 | ePn | Pn | 08 43 43.6 +0.9 | | | | | |
| LSTV | Lastovo | 1.84 176 | ePn | Pn | 08 44 07.1 +0.7 | | | | | |
| BEHE | Becsehely | 1.87 1 | ePn | Pn | 08 43 42.7 +0.4 | | | | | |
| BEHE | Becsehely | 1.87 1 | ePn | Pn | 08 44 06.5 -0.6 | | | | | |
| STON | Ston | 1.87 158 | ePn | Pn | 08 43 44.1 +1.1 | | | | | |
| STON | Ston | 1.87 158 | ePn | Pn | 08 44 10.0 +2.9 | | | | | |
| STON | Ston | 1.87 158 | ePn | Pn | 08 43 44.1 +1.1 | | | | | |
| STON | Ston | 1.87 158 | ePn | Pn | 08 44 15.7 -1.4 | | | | | |
| STON | Ston | 1.87 158 | ePn | Pn | 08 43 44.9 +1.8 | | | | | |
| CEY | Cerknica | 1.98 306 | ePn | Pn | 08 44 09.4 +2.3 | | | | | |
| CEY | Cerknica | 1.98 306 | ePn | Pn | 08 43 45.4 +0.7 | | | | | |
| CEY | Cerknica | 1.98 306 | ePn | Pn | 08 44 11.4 +1.3 | | | | | |
| CEY | Cerknica | 1.98 306 | ePn | Pn | 08 43 45.3 +0.6 | | | | | |
| TEKS | Tekser | 2.00 91 | ePn | Pn | 08 43 45.2 +0.3 | | | | | |
| TEKS | Tekser | 2.00 91 | ePn | Pn | 08 43 45.1 +0.2 | | | | | |
| TEKS | Tekser | 2.00 91 | ePn | Pn | 08 44 10.4 +0.3 | | | | | |
| TEKS | Tekser | 2.00 91 | ePn | Pn | 08 43 45.2 +0.3 | | | | | |
| BBLs | Lazi#263;i | 2.06 110 | ePn | Pn | 08 43 46.3 +0.7 | | | | | |
| BBLs | Lazi#263;i | 2.06 110 | ePn | Pn | 08 44 11.5 -0.5 | | | | | |
| BBLs | Lazi#263;i | 2.06 110 | ePn | Pn | 08 43 46.0 +0.7 | | | | | |
| BBLs | Lazi#263;i | 2.06 110 | ePn | Pn | 08 43 46.3 +0.7 | | | | | |
| UPM | Unac-Piva | 2.11 313 | ePn | Pn | 08 43 47.7 +1.2 | | | | | |
| LJU | Ljubljana | 2.12 314 | ePn | Pn | 08 43 47.0 +0.5 | | | | | |
| LJU | Ljubljana | 2.12 314 | ePn | Pn | 08 44 13.8 +0.5 | | | | | |
| SKDS | Skadanscina | 2.15 287 | ePn | Pn | 08 43 47.9 +0.9 | | | | | |
| BRY | Bratogost | 2.14 142 | ePn | Pn | 08 43 48.4 +1.3 | | | | | |
| BRY | Bratogost | 2.14 142 | ePn | Pn | 08 44 15.1 +0.8 | | | | | |
| TREB | Trebinje | 2.22 147 | ePn | Pn | 08 43 49.8 +1.8 | | | | | |
| TREB | Trebinje | 2.22 147 | ePn | Pn | 08 44 18.1 +2.2 | | | | | |
| FRGS | Fruska Gora | 2.26 75 | ePn | Pn | 08 43 50.6 +2.1 | | | | | |
| FRGS | Fruska Gora | 2.26 75 | ePn | Pn | 08 44 15.7 -1.4 | | | | | |
| FRGS | Fruska Gora | 2.26 75 | ePn | Pn | 08 43 49.3 +0.8 | | | | | |
| FRGS | Fruska Gora | 2.26 75 | ePn | Pn | 08 44 16.9 +0.1 | | | | | |
| SOKA | Sothob | 2.39 331 | ePn | Pn | 08 43 50.4 +0.1 | | | | | |
| SOKA | Sothob | 2.39 331 | ePn | Pn | 08 44 19.5 -0.7 | | | | | |
| SOKA | Sothob | 2.39 331 | ePn | Pn | 08 43 51.6 +1.2 | | | | | |
| DIVS | Divibare | 2.40 101 | ePn | Pn | 08 44 19.4 -0.9 | | | | | |
| DIVS | Divibare | 2.40 101 | ePn | Pn | 08 43 50.8 +0.4 | | | | | |
| DIVS | Divibare | 2.40 101 | ePn | Pn | 08 44 20.1 +0.1 | | | | | |
| OBKA | Obir | 2.44 322 | ePn | Pn | 08 43 53.8 -1.0 | | | | | |
| OBKA | Obir | 2.44 322 | ePn | Pn | 08 44 24.0 -1.4 | | | | | |
| HCY | Herceg Novi | 2.51 149 | ePn | Pn | 08 43 53.4 +1.5 | | | | | |
| HCY | Herceg Novi | 2.51 149 | ePn | Pn | 08 44 24.1 +1.1 | | | | | |
| TRUS | Trudelj | 2.66 97 | ePn | Pn | 08 43 56.5 +2.5 | | | | | |
| TRUS | Trudelj | 2.66 97 | ePn | Pn | 08 44 28.4 +1.6 | | | | | |
| IVAS | Ivanjica | 2.67 111 | ePn | Pn | 08 43 54.6 +0.4 | | | | | |
| IVAS | Ivanjica | 2.67 111 | ePn | Pn | 08 44 07.3 +0.4 | | | | | |
| SJES | Sjenica | 2.70 119 | ePn | Pn | 08 43 57.0 +2.4 | | | | | |
| SJES | Sjenica | 2.70 119 | ePn | Pn | 08 44 28.0 +0.1 | | | | | |
| SJES | Sjenica | 2.70 119 | ePn | Pn | 08 43 56.0 +1.4 | | | | | |
| SJES | Sjenica | 2.70 119 | ePn | Pn | 08 44 28.9 +1.0 | | | | | |
| ARSA | Arzberg | 2.78 343 | ePn | Pn | 08 43 55.7 +0.1 | | | | | |
| ARSA | Arzberg | 2.78 343 | ePn | Pn | 08 43 56.0 +0.4 | | | | | |
| ARSA | Arzberg | 2.78 343 | ePn | Pn | 08 44 28.1 -1.5 | | | | | |
| PDG | Podgorica | 2.85 139 | ePn | Pn | 08 43 59.1 +2.6 | | | | | |
| PDG | Podgorica | 2.85 139 | ePn | Pn | 08 44 32.3 +1.3 | | | | | |
| PDG | Podgorica | 2.85 139 | ePn | Pn | 08 43 59.1 +2.6 | | | | | |
| PDG | Podgorica | 2.85 139 | ePn | Pn | 08 44 32.8 +1.6 | | | | | |
| GRUS | Gruza | 2.95 103 | ePn | Pn | 08 43 59.7 +1.7 | | | | | |
| GRUS | Gruza | 2.95 103 | ePn | Pn | 08 44 35.4 +1.5 | | | | | |
| MYKA | Terra Mystica | 2.96 314 | ePn | Pn | 08 43 59.1 +0.9 | | | | | |
| CONA | Conrad Observa | 3.38 350 | iPn | Pn | 08 44 04.4 +0.4 | | | | | |
| CONA | Conrad Observa | 3.38 350 | iPn | Pn | 08 44 50.3 -2.0 | | | | | |
| SELS | Selova | 3.46 112 | ePn | Pn | 08 44 04.9 -0.1 | | | | | |
| MDVR | Moldovita | 3.56 85 | iPn | Pg | 08 44 17.6 -0.9 | | | | | |
| ZST | Bratistava | 3.60 4 | ePn | Pn | 08 44 07.2 +0.3 | | | | | |
| ZST | Bratistava | 3.60 4 | ePn | Pn | 08 44 49.0 -0.9 | | | | | |
| BZS | Buzias | 3.61 72 | iPn | Pg | 08 44 17.9 -1.5 | | | | | |
| BZS | Buzias | 3.61 72 | iPn | Pg | 08 44 17.9 -1.5 | | | | | |
| ABTA | Abfattersbach | 3.65 307 | iPn | Pn | 08 44 09.1 +1.4 | | | | | |
| MOA | Molin | 3.67 333 | ePn | Pn | 08 44 09.2 +1.3 | | | | | |
| MOA | Molin | 3.67 333 | ePn | Pn | 08 44 09.2 +1.3 | | | | | |
| MOA | Molin | 3.67 333 | ePn | Pn | 08 44 51.8 +0.2 | | | | | |
| BOVS | Bovan | 3.71 103 | ePn | Pn | 08 44 08.4 0.0 | | | | | |
| BOVS | Bovan | 3.71 103 | ePn | Pn | 08 44 11.5 -1.5 | | | | | |
| MODS | Modra-Piesok | 3.79 6 | ePn | Pn | 08 44 08.9 -0.6 | | | | | |
| MODS | Modra-Piesok | 3.79 6 | ePn | Pn | 08 44 50.7 -3.9 | | | | | |
| SMOL | Smolenice | 3.94 7 | ePn | Pn | 08 44 11.6 0.0 | | | | | |
| SMOL | Smolenice | 3.94 7 | ePn | Pn | 08 44 57.6 -0.7 | | | | | |
| ZAGS | Zajecar | 4.04 99 | ePn | Pn | 08 44 13.9 +1.0 | | | | | |
| HERR | Herculanum | 4.06 84 | iPn | Pb | 08 44 22.5 +0.2 | | | | | |
| KOLL | Kolceno | 4.14 16 | ePn | Pn | 08 44 14.8 +0.5 | | | | | |
| KOLL | Kolceno | 4.14 16 | ePn | Pn | 08 45 01.6 -1.6 | | | | | |
| VYHS | Vyhne | 4.15 20 | ePn | Pn | 08 44 14.9 +0.4 | | | | | |
| VYHS | Vyhne | 4.15 20 | ePn | Pn | 08 44 30.7 +0.9 | | | | | |
| VYHS | Vyhne | 4.15 20 | ePn | Pn | 08 45 02.3 -1.2 | | | | | |
| GZR | Gura Zlata | 4.36 77 | iPn | Pb | 08 44 27.1 -0.5 | | | | | |
| PRVS | Prvonek | 4.42 116 | ePn | Pn | 08 44 19.2 +1.1 | | | | | |
| ZAPS | Zavoj | 4.47 105 | ePn | Pn | 08 44 20.4 +1.6 | | | | | |
| ZAPS | Zavoj | 4.47 105 | ePn | Pn | 08 45 10.3 -1.0 | | | | | |
| WATA | Waldernalm | 4.51 309 | ePn | Pn | 08 44 22.5 +2.9 | | | | | |
| WATA | Waldernalm | 4.51 309 | ePn | Pn | 08 45 14.9 +2.4 | | | | | |
| SQTA | Sankt Quirin | 4.66 306 | iPn | Pn | 08 44 24.1 +2.6 | | | | | |
| SQTA | Sankt Quirin | 4.66 306 | iPn | Pn | 08 45 18.5 +2.5 | | | | | |
| BOSS | Bolegrad | 4.68 115 | ePn | Pn | 08 44 21.0 -0.8 | | | | | |
| DRGR | Dravograd | 4.73 60 | iPn | Pb | 08 44 18.8 -2.0 | | | | | |
| MOTA | Moosalm | 4.78 307 | ePn | Pn | 08 44 25.5 +2.2 | | | | | |
| MOTA | Moosalm | 4.78 307 | ePn | Pn | 08 45 22.0 +2.7 | | | | | |
| FETA | Fettenthal | 4.84 302 | iPn | Pn | 08 44 27.3 +3.2 | | | | | |

26d 11h

Table with columns: Station Name, Azimuth, Elevation, P, Pn, Time, Res. Includes stations like DVHZ, BFZ, PRWZ, HOUZ, and HOWZ.

Station information for BUI, JMA, NIED, SKHL, GCMT, MOS, MOS Felt, IDC, NEIC, and ISC. Includes coordinates, station names, and technical details.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, P, Pn, Time, Res. Lists various stations like Kuril'sk, Tuman, Nemuro, etc.

2014 DEC

Main station list table for 2014 DEC with columns: Station Name, Azimuth, Elevation, P, Pn, Time, Res. Lists stations like YSS, JMW, JEW, etc.

1258

Main station list table for 1258 with columns: Station Name, Azimuth, Elevation, P, Pn, Time, Res. Lists stations like JGF, Kuroka, KLR, etc.

| | | | | | |
|-------|-------------------------------------------|------|------|------------|------|
| HHC | comp=Z,520nm,11.9s | LR | LR | | |
| H11N2 | WAKE ISLAND Hy 28.67 143 | T | T | 11 53 45.6 | |
| H11N1 | WAKE ISLAND Hy 28.68 144 | T | T | 11 53 57.1 | |
| H11N3 | WAKE ISLAND Hy 28.69 143 | T | T | 11 53 54.5 | |
| TIXI | Tiksi 29.04 347j | eP | P | 11 23 00.6 | -3.7 |
| TIXI | comp=Z,990nm,15.0s | MLR | MLR | | |
| TIXI | Tiksi 29.04 347 | P | P | 11 23 00.8 | -3.5 |
| ULN | Ulaanbaatar 29.18 292 | eP | P | 11 23 06.5 | +0.0 |
| ULN | Ulaanbaatar 29.18 292 | ceP | P | 11 23 06.5 | +0.4 |
| ULN | comp=Z,5.0nm,0.8s | pmax | pmax | | |
| ULN | Ulaanbaatar 29.18 292 | P | P | 11 23 06.3 | +0.2 |
| SONM | Songino Array 29.62 292 | P | P | 11 23 09.4 | -0.5 |
| SONM | comp=Z,3.9nm,0.9s,baz=80,slow=8.0,SNR=20 | PcP | PcP | | |
| SONM | comp=Z,0.5nm,0.6s,baz=64,slow=3.4,SNR=2.5 | P | P | 11 26 14.7 | +0.9 |
| SONM | comp=Z,420nm,20.0s,baz=92,slow=38 | LR | LR | 11 36 00.4 | |
| SONM | Songino Array 29.62 292 | P | P | 11 23 09.8 | -0.2 |
| SONM | comp=Z,3.0nm,1.0s | pmax | pmax | | |
| SONM | Songino Array 29.62 292 | P | P | 11 23 09.8 | -0.2 |
| H11S1 | WAKE ISLAND Hy 29.68 145 | T | T | 11 55 08.9 | |
| H11S3 | WAKE ISLAND Hy 29.68 145 | T | T | 11 55 17.6 | |
| H11S2 | WAKE ISLAND Hy 29.70 145 | T | T | 11 55 10.3 | |
| TLY | Talaya 30.92 300 | eP | P | 11 23 21.6 | +0.3 |
| TLY | Talaya 30.92 300j | eP | P | 11 23 21.6 | +0.3 |
| TLY | comp=Z,4.0nm,0.8s | pmax | pmax | | |
| TLY | comp=Z,410nm,16.0s | MLR | MLR | | |
| TNA | Tin City 31.47 33 | P | P | 11 23 27.0 | +1.1 |
| TNA | ANM 31.47 33 | P | P | 11 23 27.6 | +1.8 |
| ANM | ANM 32.17 35 | pmax | pmax | 11 23 34.2 | +2.2 |
| ANM | Nome 32.17 35 | P | P | 11 23 34.2 | +2.2 |
| XAN | Xi'an 32.63 266 | pP | pP | 11 23 36.0 | -0.4 |
| XAN | comp=Z,9.0nm,1.1s | pmax | pmax | 11 23 48.0 | -2.6 |
| XAN | comp=Z,260nm,16.8s | LR | LR | | |
| XAN | comp=Z,310nm,14.4s | LR | LR | | |
| LZH | Lanzhou 35.27 272 | eP | P | 11 24 03.3 | +0.8 |
| LZH | comp=Z,260nm,4.7s | pP | pP | 11 24 13.5 | +0.8 |
| LZH | comp=Z,280nm,12.7s | LR | LR | 11 24 19.0 | +6.8 |
| LZH | comp=Z,270nm,14.0s | pmax | pmax | | |
| LZH | comp=Z,290nm,17.6s | LR | LR | | |
| TTA | Tatalina 35.95 40 | P | P | 11 24 06.0 | +1.1 |
| TTA | comp=Z,7.0nm,0.7s | pmax | pmax | | |
| TTA | Tatalina 35.95 40 | P | P | 11 24 06.0 | +1.1 |
| TTA | comp=Z,7.5nm,0.7s | IAMB | IAMB | 11 24 07.1 | |
| GTA | Gaotai 36.68 280 | iP | P | 11 24 11.5 | 0.0 |
| GTA | comp=Z,140nm,6.9s | pP | pP | 11 24 20.0 | -0.8 |
| GTA | comp=Z,180nm,16.4s | SP | SP | 11 24 27.5 | +2.8 |
| GTA | comp=Z,180nm,17.8s | SP | SP | 11 24 35.5 | +1.8 |
| GTA | comp=Z,180nm,17.8s | S | S | 11 29 51.8 | -0.7 |
| GTA | comp=Z,180nm,17.8s | sS | sS | 11 30 09.0 | +1.9 |
| GTA | comp=Z,180nm,17.8s | pmax | pmax | | |
| GTA | comp=Z,140nm,6.9s | LR | LR | | |
| GTA | comp=Z,180nm,16.4s | LR | LR | | |
| GTA | comp=Z,180nm,17.8s | LR | LR | | |
| IMAR | Indian Mountain 37.24 35 | P | P | 11 24 16.5 | +0.8 |
| A21K | Barrow 37.29 26 | P | P | 11 24 16.6 | +0.5 |
| A21K | Barrow 37.29 26 | P | P | 11 24 15.9 | -0.2 |
| RSO | Redoubt South 37.43 44 | P | P | 11 24 18.7 | +1.0 |
| KDAD | Kodiak Island 37.68 48 | P | P | 11 24 19.5 | 0.0 |
| KDAD | comp=Z,7.8nm,0.7s,baz=275,slow=2.7,SNR=11 | pmax | pmax | | |
| KDAD | Kodiak Island 37.68 48j | eP | P | 11 24 19.8 | +0.3 |
| KDAD | comp=Z,26nm,1.1s | pmax | pmax | | |
| KDAD | Kodiak Island 37.68 48 | P | P | 11 24 19.8 | +0.3 |
| PPLA | Purkeypile 37.70 40 | P | P | 11 24 22.1 | +2.2 |
| CD2 | Chengdu 37.98 265 | eP | P | 11 24 22.0 | -0.5 |
| BPAW | Bear Paw Mtn. 38.27 38 | P | P | 11 24 26.7 | +2.2 |
| BPAW | comp=Z,20nm,1.4s | IAMB | IAMB | 11 24 42.7 | |
| KTH | Kantishna Hill 38.28 39 | P | P | 11 24 26.7 | +2.0 |
| MLY | Manley 38.41 36 | P | P | 11 24 27.6 | +1.9 |
| GYA | Guyang 38.58 257 | iP | P | 11 24 30.5 | +3.0 |
| GYA | comp=Z,13nm,1.2s | pmax | pmax | | |
| CUT | Chullina 38.58 41 | P | P | 11 24 28.6 | +1.5 |
| COLD | Coldfoot 38.77 33 | P | P | 11 24 29.7 | +1.1 |
| COLD | comp=Z,29nm,1.4s | P | P | 11 24 29.6 | +0.9 |
| BWN | Browne 38.94 38 | P | P | 11 24 32.6 | +2.5 |
| I23K | Minto, Yukon-K 39.00 36 | P | P | 11 24 31.8 | +1.3 |
| I23K | comp=Z,29nm,1.4s | P | P | 11 24 31.5 | +0.9 |
| NEA2 | Nenana 39.11 37 | P | P | 11 24 31.7 | +1.6 |
| TOLK | Toolik Lake Re 39.14 31 | P | P | 11 24 32.4 | +0.0 |
| TOLK | comp=Z,290nm,20.5s,baz=92,slow=37 | P | P | 11 24 32.3 | +0.5 |
| TOLK | Toolik Lake Re 39.14 31 | P | P | 11 24 32.3 | +0.5 |
| TOLK | comp=Z,18nm,1.2s | IAMB | IAMB | 11 24 49.2 | |
| MCK | McKinley 39.17 38 | P | P | 11 24 32.7 | +0.6 |
| RND | Reindeer 39.21 39 | P | P | 11 24 32.3 | -0.2 |
| RND | comp=Z,18nm,1.3s | pmax | pmax | | |
| RND | Reindeer 39.21 39 | P | P | 11 24 32.3 | -0.2 |
| RND | comp=Z,18nm,1.3s | IAMB | IAMB | 11 24 49.1 | |
| NR1K | Noril'sk 39.41 331 | LR | LR | 11 41 36.7 | |
| NR1K | comp=Z,290nm,20.5s,baz=92,slow=37 | LR | LR | 11 41 36.7 | |
| NR1K | Noril'sk 39.41 331j | eP | P | 11 24 32.3 | -1.7 |
| NR1K | comp=Z,5.0nm,1.4s | pmax | pmax | | |
| MDM | Murphy Dome 39.47 36 | P | P | 11 24 36.4 | +1.7 |
| MDM | comp=Z,10nm,0.9s | IAMB | IAMB | 11 24 52.5 | |
| KNK | Knik Glacier 39.48 42 | P | P | 11 24 35.9 | +1.2 |
| SML | Sawmill 39.52 41 | P | P | 11 24 36.3 | +1.2 |
| SML | comp=Z,29nm,0.9s | pmax | pmax | | |
| SML | Sawmill 39.52 41 | P | P | 11 24 35.7 | +0.6 |
| WRH | Wood River Hill 39.63 37 | P | P | 11 24 36.0 | +0.9 |
| TCOL | CIGO, UAF Yang 39.63 37 | P | P | 11 24 36.7 | +0.9 |
| TCOL | comp=Z,270,SNR=5.2 | P | P | 11 24 37.0 | +1.2 |
| TCOL | CIGO, UAF Yang 39.63 37 | P | P | 11 24 37.0 | +1.2 |
| TCOL | comp=Z,23nm,1.1s | IAMB | IAMB | 11 24 54.4 | |
| COLA | College 39.63 37j | eP | P | 11 24 36.5 | +0.6 |
| COLA | comp=Z,13nm,1.0s | pmax | pmax | | |
| COLA | College 39.63 37 | P | P | 11 24 36.9 | +1.1 |
| COLA | comp=Z,23nm,1.1s | IAMB | IAMB | 11 24 54.4 | |
| CCB | Clear Creek Bu 39.66 37 | P | P | 11 24 36.7 | +0.7 |
| POKR | Poker Flat Res 39.81 36 | P | P | 11 24 38.7 | +1.3 |
| POKR | comp=Z,271,SNR=9.0 | P | P | 11 24 38.5 | +1.1 |
| POKR | Poker Flat Res 39.81 36 | P | P | 11 24 40.3 | |

| | | | | | |
|-------|-------------------------------------------|-------|------|------------|------|
| HDA | Harding Lake 40.03 37 | P | P | 11 24 39.8 | +0.6 |
| HDA | Harding Lake 40.03 37 | IAMB | IAMB | 11 24 40.1 | +0.9 |
| HDA | comp=Z,8.1nm,0.6s | P | P | 11 24 48.6 | |
| IL31 | IL31 40.05 37 | P | P | 11 24 40.0 | +0.7 |
| IL31 | comp=Z,1.7nm,1.3s | IAMB | IAMB | 11 24 52.1 | |
| ILAR | Eielson Array 40.05 37 | P | P | 11 24 39.4 | 0.0 |
| ILAR | comp=Z,4.6nm,0.7s,baz=269,slow=8.0,SNR=45 | P | P | 11 24 40.5 | +1.1 |
| ILAR | Eielson Array 40.05 37 | P | P | 11 24 40.5 | +1.1 |
| BMAR | Burnt Mountain 40.96 33 | P | P | 11 24 47.5 | +0.7 |
| RIDG | Independent RI 40.99 38 | P | P | 11 24 48.0 | +0.9 |
| RIDG | comp=Z,19nm,1.2s | IAMB | IAMB | 11 24 59.5 | |
| DOT | Dot Lake 41.34 38 | P | P | 11 24 50.2 | +0.1 |
| SCR | Sand Creek 41.35 38 | P | P | 11 24 50.6 | +0.3 |
| SCR | comp=Z,21nm,1.1s | P | P | 11 25 11.5 | |
| DGZ | Jazzart, Alta 41.40 300j | iP | P | 11 24 51.7 | +0.8 |
| DGZ | comp=Z,3.0nm,0.6s | pmax | pmax | | |
| L26K | Log Cabin Wild 41.73 39 | P | P | 11 24 54.4 | +1.1 |
| ZALV | Zalesovo Beam 41.81 307 | P | P | 11 24 53.2 | -0.8 |
| ZALV | comp=Z,1.0nm,0.4s,baz=66,slow=6.9,SNR=2.3 | PcP | PcP | 11 26 49.2 | -0.3 |
| ZALV | comp=Z,3.1nm,0.7s,baz=83,slow=2.3,SNR=8.5 | LR | LR | 11 43 17.4 | |
| ZALV | comp=Z,1.74nm,19.9s,baz=104,slow=38 | P | P | 11 24 57.9 | +1.0 |
| K27K | Chicken 42.18 38 | P | P | 11 24 57.7 | +0.8 |
| K27K | comp=Z,28nm,1.0s | IAMB | IAMB | 11 25 09.3 | |
| BCAR | Beaver Creek A 42.43 39 | P | P | 11 25 00.3 | +1.3 |
| EGAK | Eagle 42.50 36 | P | P | 11 24 58.6 | -0.8 |
| EGAK | comp=Z,21nm,1.1s | IAMB | IAMB | 11 25 11.5 | |
| WMQ | Urumqi 43.26 292 | eP | P | 11 25 07.5 | +1.5 |
| ZSN | Zaisan 43.74 298 | eP | P | 11 25 09.2 | -0.6 |
| ZSN | comp=Z,298 | I/LR | LR | 11 43 33.3 | |
| ZSN | comp=Z,33nm,0.8s | I/LRM | MLR | 11 45 17.7 | |
| ZSN | Zaisan 43.74 298 | eP | P | 11 25 09.2 | -0.6 |
| EPYK | Eagle Plains 44.13 34 | P | P | 11 25 13.4 | +0.8 |
| EPYK | comp=Z,30nm,1.2s | IAMB | IAMB | 11 25 25.5 | |
| EPYK | Eagle Plains 44.13 34 | P | P | 11 25 13.8 | +1.2 |
| EPYK | comp=Z,30nm,1.2s | IAMB | IAMB | 11 25 25.5 | |
| HYT | Haines Junctio 44.82 42 | P | P | 11 25 21.2 | +2.9 |
| HYT | comp=Z,15nm,0.8s | IAMB | IAMB | 11 25 33.6 | |
| INK | Inuvik 45.05 31 | P | P | 11 25 20.3 | +0.4 |
| INK | comp=Z,4.1nm,0.3s,baz=263,slow=5.4,SNR=17 | P | P | 11 25 21.1 | +1.2 |
| INK | Inuvik 45.05 31 | P | P | 11 25 21.1 | +1.2 |
| INK | comp=Z,9.0nm,0.9s | pmax | pmax | | |
| INK | Inuvik 45.05 31 | P | P | 11 25 21.1 | +1.2 |
| SEM | Semipalatinsk 45.55 303 | eP | P | 11 25 23.2 | -1.2 |
| SEM | comp=Z,3.3nm,0.9s,baz=303 | P | P | 11 25 23.2 | -1.2 |
| SEM | Semipalatinsk 45.55 303 | eP | P | 11 25 23.2 | -1.2 |
| SEM | comp=Z,3.0nm,0.9s | pmax | pmax | | |
| MK31 | Makanchi Array 45.62 298j | iP | P | 11 25 24.3 | -0.5 |
| MK31 | comp=Z,5.0nm,0.6s | pmax | pmax | | |
| MK31 | Makanchi Array 45.62 298 | P | P | 11 25 24.1 | -0.6 |
| MKAR | Makanchi Array 45.62 298 | P | P | 11 25 24.5 | -0.3 |
| MKAR | comp=Z,3.2nm,0.6s,baz=76,slow=8.5,SNR=42 | PcP | PcP | 11 27 03.3 | +0.7 |
| MKAR | comp=Z,1.3nm,0.6s,baz=61,slow=4.0,SNR=3.1 | ScP | ScP | 11 30 51.9 | -0.7 |
| MKAR | comp=Z,0.2nm,0.5s,baz=56,slow=6.5,SNR=1.9 | LR | LR | 11 45 36.3 | |
| MKAR | Makanchi Array 45.62 298 | eP | P | 11 25 24.6 | -0.2 |
| MKAR | Makanchi Array 45.62 298 | iP | P | 11 25 24.7 | -0.1 |
| MAKZ | Makanchi 45.81 298 | P | P | 11 25 26.4 | +0.1 |
| MAKZ | comp=Z,6.0nm,0.9s | pmax | pmax | | |
| MAKZ | Makanchi 45.81 298 | P | P | 11 25 26.4 | +0.1 |
| MAKZ | Kurchatov 46.42 304 | iP | P | 11 25 29.5 | -1.4 |
| KURK | Kurchatov 46.42 304 | P | P | 11 25 29.5 | -1.4 |
| KURK | comp=Z,5.0nm,0.7s | pmax | pmax | | |
| KURK | Kurchatov 46.42 304 | P | P | 11 25 30.1 | -0.8 |
| KURK | Kurchatov Arra 46.50 304 | P | P | 11 25 30.4 | -1.2 |
| KURK | comp=Z,2.8nm,0.4s,baz=74,slow=8.0,SNR=25 | PcP | PcP | 11 27 06.0 | +0.5 |
| KURBB | comp=Z,1.5nm,0.5s,baz=75,slow=3.4,SNR=6.3 | P | P | 11 25 49.6 | -0.1 |
| TDK | Taldyqorgan 48.83 297 | eP | P | 11 25 49.6 | -0.1 |
| TDK | comp=Z,6nm,0.7s,baz=297 | pmax | pmax | | |
| TDK | Taldyqorgan 4 | | | | |

26d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSO, BEKR, FFC, HYB, LRM, FINE, etc.

2014 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LGD, K2UA, SRU, SRU, KNB, etc.

1260

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSP, VRI, VRI, VRI, ARCR, etc.

26d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOTA Moosalm, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

NORS 26 13:02:57.8, 0.42, 95N, 45.22E, h9km, MPVA3.6
TIF 26 13:02:58.1, 43.11N, 45.17E, h13km, 3km
GDS 26 13:02:58.3, 0.4, 43.16N, 45.16E, h14km
ISC 26 13:03:00.4, 0.8, 43.01N, 0.03, 45.24E, 0.02, h10km, n28,
e154/53, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMGRR Komgaron, VLKRR Vladikavkaz, GROCC Groznyy, etc.

IDC 26 13:11:07.2, 3.7, 5.42S, 152.21E, h67km, 24km, mb2.8/3,
mb1 3.1/4, mb1mx3.0/22, mbtmp3.2/4, Error ellipse:
s-maj=62.1km s-min=14.3km az=115.0, New Britain
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Karavat, PMG Fort Moresby, WRA Warramunga Arr, etc.

IDC 26 13:30:34.5, 3.0, 35.28N, 135.90E, h14km, 19km, mb3.8/20,
mb1 4.0/24, mb1mx4.0/46, mbtmp3.9/24, ML3.4/3, MS3.2/3,
Ms1 3.2/3, ms1mx2.8/39, Error ellipse: s-maj=16.8km
s-min=13.6km az=155.0

NEIC 26 13:30:34.5, 2.9, 35.35N, 135.82E, 0.04, h10km, 1km,
mb4.4/10, Error ellipse: s-maj=9.4km s-min=5.9km
az=13.0

NIED 26 13:30:34.8, 35.29N, 135.90E, h14km, M4.2, Broadband
Tensor Solution, s3 Moment tensor: Scale 10^15Nm;
Mn:0.62; M0:0.35; M00:-0.97; M01:0.36; M02:0.41; M03:0.37;
Fault plane solution: N1:0.70000x10^15 NP2:0.49.00000,
0.849.00000, 1.145.00000.

JMA 26 13:30:34.8, 35.29N, 135.90E, h14km, M4.2, Broadband
Fault plane solution: P waves, NP1:0.156.00000,
0.860.00000, 1.25.00000; NP2:0.53.00000, 0.868.00000,
1.148.00000; Principal axes: T P1g38.00000,
Az=112.00000; N P1g52.00000; Az=202.00000; P
P1g5.00000; Az=106.00000;

JMA Felt IV J1
ISC 26 13:30:35.1, 0.8, 35.29N, 0.03, 135.90E, 0.02, h9km, 3km,
n69, e138/82, mb4.0/25, 3C-6D, Western Honshu

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

2012 DEC

Table with columns: JWT, Wachi, 0.41 269, Pg, 13 30 42.8 -0.9, S, Sn, 13 32 20.4 +0.1, etc.

WEL 26 13:30:44.6, 1.0, 36.9S, 178.0W, 1.1, h196km, 21km,
M3.6/15, ML3.8/14, MLV3.6/15, Error ellipse:
s-maj=0.0km s-min=0.0km az=56.9, East of North
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WGMGZ Waomatitani S, HAZ Te Kaha, Puketiti, etc.

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Table with columns: TKGZ, Matawai, 3.42 217, S, Sn, 13 32 20.4 +0.1, etc.

KRSC 26 13:59:45.9, 1.3, 48.22N, 156.07E, h31km, 27km, ML3.7,
East of Kuril Islands

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

NEIC 26 14:03:38.2, 1.9, 7.27S, 0.08, 106.87E, 0.04, h78km, 8km,
mb4.3/13, Error ellipse: s-maj=13.0km s-min=2.7km
az=206.0

DJA 26 14:08:41.3, 0.2, 8.5S, 3.107E, h78km, 4km, M5.0/24,
mb5.8/7, mb5.0/11, MLV4.7/24, Mw(mb)5.4/7
IDC 26 14:08:43.0, 0.4, 7.07S, 107.28E, h14km, 3km, mb3.8/16,
ms1 3.9/17, mb1mx3.7/42, mbtmp4.2/17, MS3.4/2,
s-min=12.0km az=39.0
ISC 26 14:08:41.5, 0.6, 7.31S, 0.06, 107.19E, 0.04, h105km, 4km,
n85, e159/100, mb4.7/23, Jawa

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

PLAI Plampang
66m, 3.8
GSI Gunungsitoli 12.86 311 Pn P 14 11 34.5 -6.1
MMRI Maumere 14.96 96 P 14 12 10.2 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRVT Karavat, PMG Fort Moresby, WRA Warramunga Arr, etc.

WRA Warramunga Arr 29.16 118 P 14 14 34.2 +1.0
WRA Warramunga Arr 29.16 118 P 14 17 38.0 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRO Warramunga Arr, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, COEN Coen, STKA Stephens Creek, etc.

ADC 26 14:35:19.04.3, 32.30N, 7.60W, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.1/36, mbtmp3.1/3, Error ellipse: s-maj=96.5km s-min=15.6km az=90.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Vila Bisbo, PFVI Vila Bisbo, PVAQ Vaqueiros, EGRO El Granado, etc.

ADC 26 14:35:40.2.5, 7.51N-93.74E, h0km, mb3.3/3, mb1 3.4/4, mb1mx3.2/42, mbtmp3.3/4, ML3.6/1, Error ellipse: s-maj=90.6km s-min=29.5km az=65.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRVT Keravat (AS076), KRVT Vila Bisbo.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, H08S1 Diego Garcia H, MKAR Maknachi Array, ZALV Zalesovo Beam, ASAR Alice Springs.

ADC 26 14:45:38.2.2.2, 9.05S-106.31E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/29, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=59.5km s-min=30.8km az=55.0, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LEM Lembang, CMAR Chiang Mai Arr, ASAR Alice Springs, MKAR Maknachi Array.

WEL 26 15:43:11.5, 38°S, 176°E, h193km, 5km, M2.7/49, MLv2.7/49, Error ellipse: s-maj=0.0km s-min=0.0km az=10.6, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KMRZ Kaimai, KARZ Kaharoa, TGRZ Tauranga, OMRZ Omara, OPRZ Ohinepanea, etc.

ADC 26 16:18:45.2.5.7, 20.04S-178.10W, h599km, 37km, mb3.1/3, mb1 3.3/5, mb1mx3.9/41, mbtmp4.1/5, Error ellipse: s-maj=138.1km s-min=32.6km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, GERES GERES Array B.

ADC 26 16:20:40.1.5.5, 8.00S-124.10E, h149km, 62km, mb3.0/1, mb1 3.2/4, mb1mx2.9/42, mbtmp3.5/4, Error ellipse: s-maj=92.7km s-min=30.8km az=57.0, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, MKAR Maknachi Array, DZM Mont Dzumac, MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B, NEIC 26, BUI 26, GCMT 26, RABL Rabaul, KRVT Keravat (AS076).

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OXZ Oxford, MQZ McQueen's Vall, AKC2 Akaroa Harbour, RACZ Rakaia, WACZ Wakaru South, etc.

ADC 26 15:44:59.3.5.4, 56.22S-151.70W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.6/21, mbtmp3.5/2, Error ellipse: s-maj=570.2km s-min=110.4km az=173.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ Urewera, H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, ASAR Alice Springs, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, WRA Warramunga Arr, MKAR Maknachi Array.

ADC 26 16:04:12.1.3.0, 5.65N-124.26E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/50, mbtmp3.3/3, Error ellipse: s-maj=347.1km s-min=27.8km az=64.0, Mindanao

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

ADC 26 16:18:45.2.5.7, 20.04S-178.10W, h599km, 37km, mb3.1/3, mb1 3.3/5, mb1mx3.9/41, mbtmp4.1/5, Error ellipse: s-maj=138.1km s-min=32.6km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, GERES GERES Array B.

ADC 26 16:20:40.1.5.5, 8.00S-124.10E, h149km, 62km, mb3.0/1, mb1 3.2/4, mb1mx2.9/42, mbtmp3.5/4, Error ellipse: s-maj=92.7km s-min=30.8km az=57.0, Timor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, MKAR Maknachi Array, DZM Mont Dzumac, MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B.

ADC 26 16:25:05.2.6.6, 21.28S-170.12E, h159km, 35km, mb3.2/2, mb1 3.4/3, mb1mx3.1/32, mbtmp3.6/3, MS3.0/1, Ms1 3.0/1, s-min=49.0km az=156.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, GERES GERES Array B, NEIC 26, BUI 26, GCMT 26, RABL Rabaul, KRVT Keravat (AS076).

26d 16h

Table with columns for station name, frequency, and other parameters. Includes stations like KRVT, HNR, PMG, CTAO, DZM, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like Gaotai, SONMI, VDA, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like ANOYA, KSTL, IACM, etc.

IDC 26 16:43:09.8;1.6;34;59N;25.19E, h0km, mb3.4/2, mb1 3.6/6, mb1mx3/3.52, mbtmp3.4/6, ML3.4/4, Error ellipse: s-maj=25.6km s-min=11.6km az=64.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VLI, ARG, KARY, DION, ITM, YLR, WIL2, VER, EREA, CHOS, DALY, AKAS, AGG, MMAI, AKASG, GERES, KBZ, TORO, SONM.

MAN 26 16:44:50.8, 6.32N; 126.18E, h123km, mb4.5, ML3.3, MS3.2
IDC 26 16:45:07.2, 4.5, 5.29N; 126.42E, h186km, mb2.9/3, mb1 3.3/5, mb1mx3.0/39, mbtmp3.7/5, Error ellipse: s-maj=22.0km s-min=25.3km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI, BATI, WARR, ASAR, MKAR.

IDC 26 16:45:07.2, 4.5, 5.29N; 126.42E, h553km, mb2.7/5, mb1 2.8/5, mb1mx2.5/33, mbtmp3.7/5, Error ellipse: s-maj=12.2km s-min=13.6km az=64.0, Celebes Sea

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

IDC 26 17:09:48.6, 0.7, 13.48N; 44.87W, h0km, mb4.1/14, mb1 4.2/15, mb1mx4.0/39, mbtmp4.1/15, ML2/1, MS3.8/19, MS1 3.8/19, ms1mx3.7/33, Error ellipse: s-maj=21.1km s-min=15.3km az=146.0

NEIC 26 17:09:51.0, 1.6, 13.36N; 0.1x44.9W; 0.1, h15km, 4km, mb4.9/14, Error ellipse: s-maj=17.2km s-min=14.2km az=147.0

GCMT 26 17:09:53.0, 0.3, 13.60N; 0.04-44.80W; 0.02, h12km, MW4.8/96, Moment Tensor Solution, s19,c19; s96,c118; Duration: 0 Moment tensor: Scale 10^10Nm; Mr=1.71; 0.6; Mw=0.16; 0.08; Ms=1.55; 0.05; Mo=1.06; 0.32; Mw=0.09; 0.05; Mw=0.14; 0.22; Best double couple: Mo1.87700x10^16 NP1=205.00000, s48.00000, lambda=57.00000; NP2: s341.00000, s51.00000, lambda=122.00000; Principal axes: T 1.5580, Plg2.0000, Azm92.0000; N 0.6370, Plg2.0000, Azm2.0000; P -2.1960, Plg66.0000; Azm186.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 26 17:09:51.2, 0.5, 13.42N; 0.08-44.90W; 0.08, h15km, n160, s122/145, mb4.8/59, MS3.7/18, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MDP, MDP, MDP, MCPB, H05S1, SVB, MALB, PCRV, PRPB, MTP, PTGA, PTGA, PTGA, ITTB, SACV, CBYP, PDRP, GCPB, SJG, SJG, RCBR, ICMP, AOPR, MLPR, SMTB, MACA, NPGB, DR12, SDV, SDV, SDV, SDV, SDV, SDBA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNDB, SAML, BDFB, BDFB, ROSC, ETMB, RIB01, OTAV, H10N3, H10N2, H10N1, LPAZ, LPAZ, LPAZ, LPAZ, DBIC, DBIC, DBIC, LRAL, X48A, P49A, W48A, PLAL, ESDC, 346A, WWT, TORO, TORO, TORO, TORO, W45A, SIUC, S44A, S44A, Q44A, P43A, LCAR, FVM, HDLL, T42A, T42A, G003, W41B, W41B, CCM, WHAR, FCAR, FCAR, L42A, X40A, X40A, W41A, N41A, U40A, R40A, MIAR, P40A, W39A, W39A, L40A, S39A, S39A, I40A, P38A, P38A, ZON, SPNM, OK030, T35A, F36A, F36A, KSU1, BCOK, CROK, L34A, L34A, ABTX, ABTX, U32A, R32A, R32A, BGNE, MSTX, TXAR, T25A, T25A, MNTY, PLCA, PLCA, ISCO, ANMO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like N23A, N23A, CLL, S22A, S22A, SMC0, SMC0, LL01, O20A, O20A, PV01, PV01, PV02, PV02, PV13, PV11, PV11, PV17, PV17, BW06, PD31, PDAR, PDAR, PDAR, PDAR, TUC, TUC, SRU, YNE, X16A, LOHW, LOHW, FLWY, TCUT, YMR, YHB, YHL, U15A, U15A, DUG, DUG, SZCU, LCMT, BCU, DLMT, DLMT, BCU, ELK, MFID, NEW, YKA, AKAS, ARCES, K05A, KBZ, BCAR, ILAR, ILAR, ILAR, LHM1, LHM1, PKDT, TRTT, PSI, PSL, KULM, RPSI, RPSI, GSI, IPH, IPH, PHET, UTHA, CM05, CM13, CM02, CM31, CM31, CMAR, CMAR, UTTA, CHTO, CMMT, CM33, ODAN, RAMN, TAPN, PKI, PKI, GUN, DMN, KKN, LSA, LSA, DANN.

IDC 26 17:40:17.1, 4.2, 7.53N; 94.33E, h52km, 37km, mb3.5/8, mb1 3.7/10, mb1mx3.4/32, mbtmp3.8/10, ML4.1/2, MS3.3/5, MS1 3.3/5, ms1mx2.9/38, Error ellipse: s-maj=50.8km s-min=16.0km az=58.0

NEIC 26 17:40:17.1, 1.9, 7.52N; 0.10, 94.54E; 0.09, h60km, 9km, mb4.2/18, Error ellipse: s-maj=16.0km s-min=10.8km az=22.0

ISC 26 17:40:16.4, 0.6, 7.53N; 0.07-94.48E; 0.08, h50km, n65, s122/57, mb4.1/16, MS3.5/3, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LHM1, PKDT, TRTT, PSI, PSL, KULM, RPSI, RPSI, GSI, IPH, IPH, PHET, UTHA, CM05, CM13, CM02, CM31, CM31, CMAR, CMAR, UTTA, CHTO, CMMT, CM33, ODAN, RAMN, TAPN, PKI, PKI, GUN, DMN, KKN, LSA, LSA, DANN.

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Table with columns: IDI, Anoyia, 17.74, 88, P, P, 17 59 26.6 +1.1, etc. Lists various stations and their frequencies.

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Table with columns: VSU, Vasula, 26.87, 28, eP, P, 18 00 58.0 0.0, etc. Lists various stations and their frequencies.

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Table with columns: NRIK, Nori'sk, 54.43, 26, P, P, 18 04 45.8 +1.5, etc. Lists various stations and their frequencies.

| | | | | |
|------|-------------------------------------------|----------------|------|-----------------|
| BDFB | Brasilia | 70.81 233 P | P | 18 06 34.9 +0.4 |
| BDFB | comp-Z,1.1nm,0.4s,baz=71,slow=5.4,SNR=3.2 | LR LR | | 18 35 42.0 |
| BDFB | comp-Z,54nm,19.2s,baz=130,slow=34 | IaMb IaMb | | 18 06 37.8 |
| BDFB | Brasil | 70.81 233 P | | 18 06 36.8 |
| PLAL | Pickwick Lake | 71.01 300 IaMb | IaMb | 18 06 42.4 |
| A21K | Barrow | 71.45 353 IaMb | IaMb | 18 06 40.9 +1.0 |
| SOMM | Songino Array | 71.77 44 P | P | 18 42 20.9 |
| SOMM | comp-Z,2.2nm,1.2s,baz=303,slow=2.9,SNR=12 | LR LR | | 18 06 42.6 |
| SOMM | comp-Z,7.28nm,18.2s,baz=230,slow=39 | LR LR | | 18 06 43.6 +1.6 |
| SOMM | Songino Array | 71.77 44 P | P | 18 06 40.6 +0.7 |
| ECSD | EROS Data Cent | 71.91 311 P | P | 18 06 40.5 -0.2 |
| ECSD | comp-Z,10nm,1.0s | IaMb IaMb | | 18 06 42.6 |
| ULN | Ulanbaatar | 72.11 43d iP | pmax | 18 06 43.6 +1.6 |
| ULN | comp-Z,12nm,2.5s | pmax pmax | | 18 06 45.3 +1.1 |
| GTA | Gaotai | 72.46 54 iP | p | 18 06 52.0 -0.4 |
| GTA | comp-Z,5.0nm,1.9s | pmax pmax | | 18 06 55.0 +4.7 |
| GTA | comp-Z,87nm,6.2s | LR LR | | 18 06 51.2 |
| GTA | comp-Z,98nm,17.8s | LR LR | | 18 06 52.0 |
| GTA | comp-Z,110nm,17.4s | LR LR | | 18 06 51.7 +2.1 |
| GTA | comp-Z,65nm,20.7s | LR LR | | 18 06 59.7 +1.5 |
| YAK | Yakutsk | 72.76 23 eP | P | 18 06 44.9 -0.5 |
| YAK | comp-Z,13nm,1.0s | pmax pmax | | 18 06 45.7 +0.3 |
| YAK | comp-N,7.0nm,1.3s | pmax pmax | | 18 06 48.7 |
| YAK | comp-E,4.0nm,1.3s | pmax pmax | | 18 06 51.2 |
| YAK | Yakutsk | 72.76 23 P | P | 18 06 45.7 +0.3 |
| YAK | comp-Z,14nm,1.0s | IaMb IaMb | | 18 06 51.2 |
| EPYK | Eagle Plains | 72.85 344 IaMb | IaMb | 18 06 52.0 |
| TOLK | Toolik Lake Re | 73.16 350 IaMb | IaMb | 18 06 51.7 +2.1 |
| TOLK | comp-Z,24nm,1.3s | IaMb IaMb | | 18 06 59.7 +1.5 |
| BMAR | Burnt Mountain | 73.77 348 P | P | 18 06 59.7 +1.5 |
| BILL | Bilibino | 74.97 6 iP | pmax | 18 06 59.6 +1.4 |
| BILL | comp-Z,5.0nm,1.6s | pmax pmax | | 18 07 02.0 |
| BILL | Bilibino | 74.97 6 P | P | 18 06 59.6 +1.4 |
| BILL | comp-Z,45nm,2.0s | IaMb IaMb | | 18 07 06.3 |
| LAO | LASA Array | 75.69 318 IaMb | IaMb | 18 07 06.1 +0.9 |
| LAO | comp-Z,2.9nm,1.2s | pmax pmax | | 18 07 06.1 +0.9 |
| RSSD | Black Hills | 76.05 315 P | P | 18 07 06.1 +0.9 |
| RSSD | comp-Z,31nm,1.9s | IaMb IaMb | | 18 07 12.9 |
| RSSD | Black Hills | 76.05 315 P | P | 18 07 06.1 +0.9 |
| RSSD | comp-Z,31nm,1.9s | IaMb IaMb | | 18 07 08.7 |
| POKR | Poker Plat Res | 76.07 348 IaMb | IaMb | 18 07 07.3 +1.9 |
| POKR | comp-Z,17nm,1.2s | IaMb IaMb | | 18 07 34.7 |
| IMAR | Indian Mountai | 76.23 350 P | P | 18 07 07.3 +1.4 |
| IMAR | IL31 | 76.29 347 IaMb | IaMb | 18 42 33.0 |
| ILAR | Eielson Array | 76.29 347 P | P | 18 07 09.1 |
| ILAR | comp-Z,1.6nm,0.7s,baz=4.4,slow=6.7,SNR=18 | LR LR | | 18 07 30.9 |
| ILAR | comp-Z,98nm,21.8s,baz=34,slow=37 | LR LR | | 18 07 09.9 +1.7 |
| MDM | Murphy Dome | 76.35 348 IaMb | IaMb | 18 07 11.3 |
| MDM | comp-Z,40nm,1.9s | IaMb IaMb | | 18 07 12.0 |
| I23K | Minto, Yukon-K | 76.36 346 IaMb | IaMb | 18 07 15.6 |
| I23K | comp-Z,9.9nm,2.5s | pmax pmax | | 18 07 09.5 +0.9 |
| COLA | College | 76.36 348 iE | P | 18 07 12.0 |
| COLA | comp-Z,7.0nm,1.3s | IaMb IaMb | | 18 07 15.6 |
| HDA | Hardy Lake | 76.63 347 IaMb | IaMb | 18 07 11.3 |
| HDA | comp-Z,14nm,1.0s | IaMb IaMb | | 18 07 12.0 |
| EGMT | Eagleton | 76.70 321 IaMb | IaMb | 18 07 15.6 |
| EGMT | comp-Z,14nm,0.9s | IaMb IaMb | | 18 07 09.5 +0.9 |
| DOT | Dot Lake | 76.77 346 IaMb | IaMb | 18 07 15.6 |
| DOT | comp-Z,19nm,1.4s | IaMb IaMb | | 18 07 12.0 |
| WRH | Wood River Hill | 76.77 348 P | P | 18 07 09.5 +0.9 |
| WRH | comp-Z,13nm,1.2s | IaMb IaMb | | 18 07 10.4 +1.5 |
| WRH | Beaver Creek A | 76.81 344 P | P | 18 07 13.6 |
| WRH | Independent R | 76.84 346 IaMb | IaMb | 18 07 11.6 +0.5 |
| WRH | comp-Z,21nm,1.2s | IaMb IaMb | | 18 07 18.0 |
| ROSC | El Rosal | 76.99 266 P | P | 18 07 25.2 |
| ROSC | comp-Z,8.9nm,0.3s,baz=55,slow=9.8,SNR=1.6 | IaMb IaMb | | 18 07 19.3 |
| RND | Reindeer | 77.89 347 IaMb | IaMb | 18 07 20.2 |
| RND | comp-Z,19nm,1.3s | IaMb IaMb | | 18 07 25.2 |
| WALA | Wateron Lakes | 78.08 323 IaMb | IaMb | 18 07 19.3 |
| WALA | comp-Z,35nm,1.6s | IaMb IaMb | | 18 07 20.2 |
| TRF | Thorsfare Moun | 78.09 348 IaMb | IaMb | 18 07 20.2 |
| TRF | comp-Z,40m,1.8s | IaMb IaMb | | 18 07 20.7 |
| KTH | Kantishna Hill | 78.10 348 IaMb | IaMb | 18 07 20.7 |
| K22A | Casper | 78.39 315 IaMb | IaMb | 18 07 21.3 +0.7 |
| K22A | comp-Z,12nm,1.0s | IaMb IaMb | | 18 07 21.0 -0.1 |
| YNE | Yellowstone No | 78.80 318 P | P | 18 07 21.3 +0.7 |
| HHC | Hu-ho-hao-te | 78.91 47 eP | pmax | 18 07 21.0 -0.1 |
| HHC | comp-Z,13nm,1.3s | pmax pmax | | 18 07 26.7 |
| HHC | comp-Z,170nm,7.0s | LR LR | | 18 07 27.2 |
| HHC | comp-Z,150nm,18.0s | LR LR | | 18 07 25.6 +1.0 |
| BOZ | Bozeman (W) | 79.27 320 IaMb | IaMb | 18 07 27.1 +1.7 |
| BOZ | comp-Z,18nm,1.4s | IaMb IaMb | | 18 07 30.7 |
| RWWY | Rawlins | 79.39 314 IaMb | IaMb | 18 07 30.7 |
| RWWY | comp-Z,29nm,1.4s | IaMb IaMb | | 18 07 27.1 -0.1 |
| LRM | Limekin Ridge | 79.55 320 P | P | 18 07 26.9 -0.4 |
| ISCO | Idaho Springs | 79.66 312 P | P | 18 07 39.8 |
| FLWY | Flagg Ranch | 79.78 318 IaMb | IaMb | 18 07 28.8 +1.1 |
| FLWY | comp-Z,40nm,1.9s | IaMb IaMb | | 18 07 32.4 |
| DLMT | Dillon | 79.93 320 IaMb | IaMb | 18 07 27.1 -0.1 |
| DLMT | comp-Z,37nm,1.6s | IaMb IaMb | | 18 39 59.1 |
| PDAR | Pinedale Array | 80.02 316 P | P | 18 07 26.9 -0.4 |
| PDAR | comp-Z,5.7nm,1.0s,baz=61,slow=5.5,SNR=18 | LR LR | | 18 07 39.8 |
| PDAR | comp-Z,175nm,20.3s,baz=40,slow=34 | LR LR | | 18 07 28.8 +1.1 |
| PDAR | Pinedale Array | 80.02 316 P | P | 18 07 32.4 |
| SUA | Susitna One | 80.03 348 IaMb | IaMb | 18 07 35.5 +0.3 |
| SUA | comp-Z,18nm,1.0s | IaMb IaMb | | 18 07 35.5 +0.3 |
| NEW | Newport | 80.17 324 P | P | 18 07 28.8 +1.1 |
| REDW | Red Top Meadow | 80.34 317 IaMb | IaMb | 18 07 32.4 |
| REDW | comp-Z,38nm,1.7s | IaMb IaMb | | 18 07 35.5 +0.3 |
| XAN | Xi'an | 81.52 54 P | pmax | 18 07 35.5 +0.3 |
| XAN | comp-Z,10.0nm,1.2s | pmax pmax | | 18 07 39.6 |
| XAN | comp-Z,120nm,4.1s | pmax pmax | | 18 07 39.0 +0.9 |
| E09A | Wood Farm, Sta | 81.91 323 IaMb | IaMb | 18 07 42.7 |
| E09A | comp-Z,12nm,1.1s | IaMb IaMb | | 18 07 40.9 +0.7 |
| BJI | Beijing | 82.12 45 P | pmax | 18 07 40.9 +0.7 |
| BJI | comp-Z,6.0nm,1.9s | pmax pmax | | 18 07 40.9 +0.7 |
| PV07 | Paradox Valley | 82.34 313 IaMb | IaMb | 18 07 40.9 +0.7 |
| PV07 | comp-Z,18nm,1.5s | IaMb IaMb | | 18 07 40.9 +0.7 |
| HVU | Hansel Valley | 82.46 317 P | pmax | 18 07 40.9 +0.7 |
| HVU | comp-Z,26nm,1.8s | pmax pmax | | 18 07 40.9 +0.7 |
| HVU | Hansel Valley | 82.46 317 P | P | 18 07 43.8 |
| HVU | comp-Z,18nm,1.4s | IaMb IaMb | | 18 07 43.9 |
| PV04 | Paradox Valley | 82.52 313 IaMb | IaMb | 18 07 44.3 |
| PV04 | comp-Z,15nm,1.2s | IaMb IaMb | | 18 07 47.0 |
| PV03 | Paradox Valley | 82.58 313 IaMb | IaMb | 18 07 44.3 |
| PV03 | comp-Z,22nm,1.8s | IaMb IaMb | | 18 07 44.2 |
| PV14 | Lion Creek, Pa | 82.60 313 IaMb | IaMb | 18 07 44.3 |
| PV14 | comp-Z,38nm,1.9s | IaMb IaMb | | 18 07 41.8 +0.9 |
| PV18 | Skein Mesa, Pa | 82.62 313 IaMb | IaMb | 18 07 43.8 |
| PV18 | comp-Z,21nm,1.4s | IaMb IaMb | | 18 07 46.5 |
| PV17 | East Wray Mesa | 82.63 313 IaMb | IaMb | 18 07 46.5 |
| PV17 | comp-Z,25nm,1.5s | IaMb IaMb | | 18 07 46.1 |
| HAWA | Hanford | 82.65 324 P | P | 18 07 41.8 +0.9 |
| HAWA | Blue Mountains | 82.68 322 IaMb | IaMb | 18 07 46.5 |
| HAWA | comp-Z,22nm,1.2s | IaMb IaMb | | 18 07 46.5 |
| MFID | Camas Ranch | 82.95 320 IaMb | IaMb | 18 07 46.5 |
| MFID | comp-Z,21nm,1.6s | IaMb IaMb | | 18 07 46.1 |
| G08A | Pilot Rock | 83.18 233 IaMb | IaMb | 18 07 46.1 |

| | | | | |
|------|---------------------------------------------|----------------|------|-----------------|
| KLR | Kul'dur | 83.24 31j eP | P | 18 07 44.9 +1.1 |
| KLR | comp-Z,13nm,1.5s | pmax pmax | | 18 07 47.9 +0.6 |
| CMAR | Chiang Mai Arr | 83.80 72 P | P | 18 07 46.4 -0.8 |
| CMAR | comp-Z,0.2nm,0.3s,baz=308,slow=9.3,SNR=6.9 | IaMb IaMb | | 18 07 51.4 +0.9 |
| CMAR | Chiang Mai Arr | 83.80 72 P | P | 18 44 47.6 |
| CPUP | Villa Florida | 84.51 232 P | P | 18 07 50.9 +0.4 |
| CPUP | comp-Z,3.5nm,0.9s,baz=50,slow=5.4,SNR=9.4 | IaMb IaMb | | 18 07 53.9 |
| CPUP | comp-Z,65nm,19.7s,baz=44,slow=35 | LR LR | | 18 07 55.0 |
| CPUP | Villa Florida | 84.51 232 P | P | 18 07 54.6 +1.2 |
| CPUP | comp-Z,12nm,1.3s | IaMb IaMb | | 18 43 41.3 |
| ELK | Elko | 84.51 318 IaMb | IaMb | 18 07 53.9 +0.5 |
| ELK | comp-Z,15nm,1.3s | IaMb IaMb | | 18 07 57.2 |
| TXAR | Lajitas Array | 85.02 303 P | P | 18 07 54.9 +0.1 |
| TXAR | comp-Z,0.7nm,0.5s,baz=95,slow=7.3,SNR=5.9 | LR LR | | 18 45 41.9 |
| TXAR | comp-Z,108nm,21.8s,baz=0.0,slow=34 | LR LR | | 18 07 54.7 -0.1 |
| TXAR | Lajitas Array | 85.02 303 P | P | 18 08 00.6 |
| WVOR | Wild Horse Val | 85.09 321 IaMb | IaMb | 18 08 03.5 |
| WVOR | comp-Z,15nm,1.3s | IaMb IaMb | | 18 08 03.9 |
| LPAZ | La Paz | 85.17 246 P | P | 18 08 09.3 |
| LPAZ | comp-Z,1.5nm,0.4s,baz=38,slow=7.7,SNR=6.9 | LR LR | | 18 08 06.3 +0.5 |
| LPAZ | comp-Z,29nm,18.4s,baz=92,slow=36 | LR LR | | 18 52 25.0 |
| LPAZ | La Paz | 85.17 246 P | P | 18 08 12.8 -0.3 |
| 121A | Cookes Peak, D | 85.67 308 IaMb | IaMb | 18 08 17.2 +0.6 |
| 121A | comp-Z,8.4nm,1.0s | IaMb IaMb | | 18 08 17.2 +0.6 |
| MOD | Modoc Plateau | 86.33 321 IaMb | IaMb | 18 54 02.4 |
| MOD | comp-Z,25nm,1.6s | IaMb IaMb | | 18 14 36.5 +0.4 |
| R11A | Troy Canyon, C | 86.39 316 IaMb | IaMb | 18 14 39.6 +0.7 |
| R11A | comp-Z,16nm,1.4s | IaMb IaMb | | 18 14 56.5 0.0 |
| SHRP | Sheep Range | 87.45 315 IaMb | IaMb | 18 14 56.5 0.0 |
| SHRP | comp-Z,22nm,1.9s | IaMb IaMb | | 18 14 56.5 0.0 |
| PB16 | POC Station P | 87.48 245 P | P | 18 14 56.5 0.0 |
| PETK | Petrovlovsk | 88.03 15 LR | LR | 18 14 56.5 0.0 |
| PETK | comp-Z,34nm,18.3s,baz=3.1,slow=39 | LR LR | | 18 14 56.5 0.0 |
| NJ2 | Nanjing | 89.11 50 eP | pmax | 18 14 56.5 0.0 |
| NJ2 | comp-Z,12nm,0.5s | pmax pmax | | 18 14 56.5 0.0 |
| LVC | Limon Verde | 89.78 241 P | P | 18 14 56.5 0.0 |
| LVC | comp-Z,14nm,0.2s | IaMb IaMb | | 18 14 56.5 0.0 |
| LVC | Limon Verde | 89.78 241 P | P | 18 14 56.5 0.0 |
| KSR5 | Korea Array | 90.42 41 LR | LR | 18 14 56.5 0.0 |
| KSR5 | comp-Z,48nm,18.8s,baz=310,slow=39 | LR LR | | 18 14 56.5 0.0 |
| WRA | Warrungarra Arr | 134.50 82 PKP | PKP | 18 14 56.5 0.0 |
| WRA | comp-Z,1.2nm,0.10s,baz=306,slow=1.5,SNR=6.3 | IaMb IaMb | | 18 14 56.5 0.0 |
| ASAR | Alice Springs | 136.03 87 PKP | PKP | 18 14 56.5 0.0 |
| ASAR | comp-Z,0.9nm,0.9s,baz=314,slow=1.5,SNR=6.6 | IaMb IaMb | | 18 14 56.5 0.0 |
| STKA | Stevens Creek | 145.60 95 PKP | PKP | 18 14 56.5 0.0 |
| STKA | comp-Z,3.8nm,0.5s,baz=312,slow=2.5,SNR=18 | IaMb IaMb | | 18 14 56.5 0.0 |

HEL 26 18:00:40.7±0.2, 67.10N:21.09E, h0km, ML2.0, Explosion
 IDC 26 18:00:41.9±0.0, 8.67:00N:21.53E, h0km, mb1 3.1/5,
 mb1mx2.9/49, mbtmp3.1/5, ML2.1/5, Error ellipse:
 s-maj=16.1km s-min=7.2km az=108.0
 KOLA 26 18:00:47.7, 68.10N:22.09E, h0km
 ISC 26 18:00:39.6±0.8, 67.09N:03.21:15E±0.04, h0km, n28,
 +1659/37, Sweden

| | | | | | |
|-------|--------------------------|----------|----------|-----------------|-----|
| Code | Station Name | Δ° AZ° | Phase ID | Time Res | Res |
| ERTU | Ertjaerav | 0.68 142 | PG Pg | 18 00 53.0 +0.4 | |
| PAJU | Pajaja | 0.77 94 | PG Pg | 18 00 55.5 +1.1 | |
| PAJU | Lannavaara | 1.01 18 | SG Sg | 18 01 01.5 -2.9 | |
| LANU | Kalix | 1.52 143 | PG Pg | 18 01 08.4 +0.3 | |
| KALLU | TOF Tornio | 1.63 127 | PG Pn | 18 01 10.4 +0.9 | |
| TOF | comp-Z,14nm,0.2s | M24m M | | 18 01 34.2 +1.8 | |
| TOF | Kilpisjarvi | 1.92 356 | SN Pg | 18 01 15.4 -0.1 | |
| KIF | Kilpisjarvi | 1.92 356 | PG Pg | 18 01 39.0 | |
| RNF | Rovaniemi | 1.96 102 | SG Sg | 18 01 42.6 +1.3 | |
| KTK1 | Kautokoino | 2.08 21 | eP Pb | 18 01 18.4 +2.2 | |
| SGF | Sodankylä | 2.12 78 | eP Sg | 18 01 48.7 +1.2 | |
| SGF | comp-Z,14nm,0.2s | SG Sg | | 18 14 50.0 | |
| I37NO | I37NO | 2.21 336 | iP Pn | 18 01 22.7 +1.0 | |
| I37NO | baz=147,slow=332,SNR=2.2 | PN Pn | | 18 01 22.7 +1.0 | |
| BURU | Burvik | 2.52 178 | PN Pn | 18 01 28.1 +2.6 | |
| BURU | baz=359 | PG Pb | | 18 01 32.6 +0.5 | |
| OUL | Oulu | 2.79 134 | PG Pb | 18 01 29.0 +1.5 | |
| OBFO | Syolatti, Pyha | 2.90 153 | PG Pb | 18 01 29.0 +1.5 | |
| ARAO | ARCESS Array S | 2.94 31 | PN Pn | 18 02 08.0 -1.2 | |
| ARCES | ARCESS Array B | 2.94 31 | PN Pn | 18 01 31.3 +1.4 | |
| ARCES | baz=212,slow=14,SNR=39 | Sn Sb | | 18 02 12.4 -0.2 | |
| OUF | Merijarvi | 3.11 150 | | | |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, KSH Kashi, YAK Yakutsk, etc.

NEIC 26 18:42:30.8, 0.9, 1.84N, 126.24E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.6/4.1, mbmtmp3.8/6, ML3.5/1, Error ellipse: s-maj=108.3km s-min=17.7km az=72.0

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

NEIC 26 19:02:40.8, 0.9, 4.4, 0.06N, 105.73W, h0km, mb3.5/1, mb1 3.7/7, mb1mx3.5/4.0, mbmtmp3.4/7, ML3.1/5, MS3.3/1, Ms1 3.3/1, ms1mx2.4/3.2, Error ellipse: s-maj=23.9km s-min=9.1km az=142.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like R2SS Black Hills, K22A Casper, PHWV Pilot Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGMN Agassiz Nation, WALA Waterton Lakes, ELK Elko, etc.

NEIC 26 19:22:32.1, 5.1, 20.46S, 176.13W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/3.7, mbmtmp3.7/4, Error ellipse: s-maj=256.8km s-min=40.2km az=149.0, Fiji Islands region

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

NEIC 26 19:28:09.2, 7.6, 54N, 127.01E, h108km, 20km, mb3.1/5, mb1 3.3/6, mb1mx3.1/4.0, mbmtmp3.5/6, Error ellipse: s-maj=53.1km s-min=14.6km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), KCP Kidapawan, CGP Cagayan de Oro, etc.

NEIC 26 19:49:44.6, 8.4, 10.84N, 91.87E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/3.6, mbmtmp3.4/3, Error ellipse: s-maj=434.7km s-min=31.4km az=60.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H0RS3 Diego Garcia H, H0RS2 Diego Garcia H, H0RS1 Diego Garcia H, etc.

TEH 26 19:51:45.7, 29.38N, 52.03E, h5km, ML3.5, THR 26 19:51:46.4, 0.3, 29.48N, 51.90E, h6km, 9km, ML3.4, OMAN 26 19:51:52.0, 0.6, 29.19N, 52.12E, h150km, mb4.0/6, m3.6/5, Error ellipse: s-maj=28.7km s-min=10.9km az=43.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAZI Kazerun, IRAM Rameshah, LAR1 LAR, etc.

26d 21h

Table listing astronomical observations for 26d 21h, including station names (LSA, BHPL, DANN, etc.), station IDs, coordinates, and observation parameters.

2014 DEC

Table listing astronomical observations for 2014 DEC, including station names (SPITS, TORO, ESDC, etc.), station IDs, coordinates, and observation parameters.

1274

Table listing astronomical observations for 1274, including station names (KURK, KURB, KURBB, etc.), station IDs, coordinates, and observation parameters.

IDC 26 21:29:18.3,3.8,37.04N,171.52E,h79km,26km,mb3.4/11,mb1.3/6.16,mb1mx3.5/3,mbtmp3.7/16,Error ellipse: s-maj=41.0km s-min=17.5km az=161.0
 NEIC 26 21:29:21.1,2.2,37.21N,171.40E,1.0,10,h98km,8km,mb4.1/10,Error ellipse: s-maj=12.1km s-min=8.2km az=123.0
 NNC 26 21:29:25.2,12.0,37.61N,171.20E,h176km,236km,mb2.9,mpv3.8,Error ellipse: s-maj=132.5km s-min=66.1km az=17.0

ISC 26 21:29:19.8,0.5,37.06N,0.05,71.55E,0.05,h106km,n77,az=13.9/1,mb3.7/15,3C-3D,Afghanistan-Tajikistan border region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|-------------------|-------|-----|----------|-------|-----------------|
| | | | | | h m s | ISC |
| DRK | Karamyk | 2.42 | 5 | Op | Pn | 21 29 59 +0.6 |
| DRK | | | | | Sn | 21 30 31 +3.2 |
| BTk | Batken | 3.04 | 349 | Pn | Pn | 21 30 07.2 +0.8 |
| KBL | Kabul | 3.24 | 240 | Pn | Pn | 21 30 12.3 +3.2 |
| NIL | Nilore | 3.68 | 157 | Pn | Pn | 21 30 18.4 +3.5 |
| ARSB | Arslanbob | 4.40 | 14 | Pn | Pn | 21 30 24.1 -0.5 |
| AML | Almayashu | 5.33 | 17 | Pn | Pn | 21 30 37.7 +0.4 |
| UCH | Uchtoy | 5.64 | 23 | P | Pn | 21 30 42.0 +0.3 |
| EKS2 | Erkin-Say | 5.85 | 16 | P | Pn | 21 30 45.0 +1.0 |
| AAK | Ala-Archa | 6.01 | 21 | P | Pn | 21 30 47.2 +0.8 |
| AAK | Ala-Archa | 6.01 | 21 | ∩P | Pn | 21 30 47.5 +1.1 |
| AAK | Ala-Archa | 6.01 | 21 | ∩S | Sn | 21 31 52.1 -1.7 |
| AAK | Ala-Archa | 6.01 | 21 | Pn | Pn | 21 30 46.9 +0.5 |
| KK31 | Karatay Array | 6.08 | 353 | Pn | Pn | 21 30 46.7 -0.6 |
| KK31 | Karatay Array | 6.08 | 353 | Pn | Pn | 21 30 46.7 -0.6 |
| KK31 | Karatay Array | 6.08 | 353 | Pn | Pn | 21 30 46.9 -0.4 |
| DHRM | DHARAMSHALA | 6.20 | 139 | P | Pn | 21 30 49.4 +0.3 |
| DHRM | | | | ex | Sx | 21 31 56.1 -0.6 |
| DHRM | | | | ex | Sx | 21 31 56.1 -0.6 |
| DHRM | | | | IAML | | 21 32 01.5 |
| DHRM | comp=E,393nm,0.3s | | | IAML | | 21 32 01.6 |
| FRU1 | Bishkek | 6.21 | 21 | Pn | Pn | 21 30 50.1 +1.1 |
| ULHL | Ulahol | 6.32 | 34 | P | Pn | 21 30 51.0 +0.4 |
| CHMS | Chumysh | 6.42 | 22 | P | Pn | 21 30 52.2 +0.4 |
| TKM2 | Tokmak 2 | 6.62 | 27 | P | Sn | 21 32 09.6 +0.7 |
| TKM2 | Tokmak 2 | 6.62 | 27 | ∩P | Pn | 21 30 55.1 +0.3 |
| TKM2 | Tokmak 2 | 6.62 | 27 | ∩S | Sn | 21 32 04.1 -4.8 |
| KDJ | Kajisay | 6.67 | 39 | Pn | Pn | 21 30 55.5 +0.2 |
| SMLA | Simla | 7.53 | 140 | ∩P | Pn | 21 31 07.7 +0.8 |
| SMLA | | | | ex | Sx | 21 32 24.3 -6.4 |
| SMLA | | | | ex | Sx | 21 32 25.5 |
| SMLA | | | | IAML | | 21 32 29.5 |
| SMLA | comp=E,120nm,0.5s | | | IAML | | 21 32 31.8 |
| PRZ | Przheval'sk | 7.56 | 42 | Pn | Pn | 21 31 08.7 +1.3 |
| HRA | Herat | 8.02 | 253 | ex | x | 21 31 12.5 -1.3 |
| KUDL | Kundal | 8.82 | 154 | ex | x | 21 31 37.2 |
| KUDL | | | | x | x | 21 33 20.5 |
| GEYT | Alibek | 10.71 | 279 | Pn | Pn | 21 31 47.8 -2.3 |
| GEYT | Alibek | 10.71 | 279 | S | Sn | 21 33 39.9 -8.1 |
| GEYT | Alibek | 10.71 | 279 | Pn | Pn | 21 31 48.2 -1.9 |
| GYA0B | ALIBECK ARRAY | 10.71 | 279 | Pn | Pn | 21 31 48.3 -1.8 |
| MAKZ | Makanchi | 12.44 | 35 | Pn | Pn | 21 32 11.7 -1.4 |
| MK31 | Makanchi Array | 12.58 | 36 | P | Pn | 21 32 15.2 +0.3 |
| MKAR | Makanchi Array | 12.58 | 36 | P | Pn | 21 32 14.2 -0.6 |
| MKAR | Makanchi Array | 12.58 | 36 | Pn | Pn | 21 32 14.5 -0.3 |
| DANN | Dangsing | 13.45 | 127 | eP | Pn | 21 32 25.9 -0.8 |
| KURBB | Kurchatov Arra | 14.45 | 18 | P | Pn | 21 32 38.2 -0.9 |
| AB31 | Akbulak array | 14.82 | 329 | P | Pn | 21 32 40.9 -2.9 |
| AB31 | Akbulak array | 14.82 | 329 | P | Pn | 21 32 40.9 -2.9 |
| AB31 | Akbulak array | 14.82 | 329 | Pn | Pn | 21 32 41.1 -1.4 |
| AB31 | Akbulak array | 14.82 | 329 | Pn | Pn | 21 32 41.0 -2.8 |
| AB31 | Akbulak array | 14.82 | 329 | eP | Pn | 21 32 40.1 -4.1 |
| DMN | Daman | 14.82 | 126 | eP | Pn | 21 32 41.2 -3.1 |
| PKIN | Phulchoki | 15.04 | 125 | eP | Pn | 21 32 44.5 -2.5 |
| PKI | Pulchok | 15.05 | 125 | eP | Pn | 21 32 44.8 -2.4 |
| GUN | Gumba | 15.14 | 123 | eP | Pn | 21 32 44.4 -3.9 |
| BVAR | Borovoye Array | 15.98 | 357 | P | Pn | 21 32 56.8 -1.6 |
| BRVK | Borovoye | 16.42 | 357 | Pn | Pn | 21 32 55.7 -3.1 |
| BRVK | | | | IAMB | | 21 33 02.3 |
| RAMN | Ramite | 16.25 | 124 | eP | Pn | 21 33 00.2 -1.9 |
| AKTO | Aktyubinsk | 16.52 | 328 | P | Pn | 21 33 04.2 -0.8 |
| TAPN | Tapleng | 16.74 | 121 | eP | Pn | 21 33 05.2 -3.0 |
| ODAN | Odare | 16.84 | 123 | eP | Pn | 21 33 06.3 -3.0 |
| UOSS | Minazif | 17.83 | 232 | IAMB | IAMB | 21 33 22.9 +1.7 |
| ZALV | Zalesovo Beam | 19.22 | 24 | P | Pn | 21 33 35.5 +0.2 |
| GNI | Garni | 21.15 | 287 | P | Pn | 21 33 56.3 -0.1 |
| ARU | Arti | 21.25 | 340 | P | Pn | 21 33 56.7 -0.5 |
| ARU | Arti | 21.25 | 340 | P | Pn | 21 33 55.6 -1.6 |
| KBZ | Khabaz | 21.74 | 296 | P | Pn | 21 34 19.4 +6.5 |
| SONM | Songino Array | 26.13 | 246 | P | Pn | 21 34 46.3 +2.2 |
| RYVN | Ravyn | 27.56 | 56 | P | Pn | 21 34 58.8 +2.1 |
| BURAR | Bucovina Array | 35.35 | 302 | P | Pn | 21 36 05.9 +0.9 |
| FINES | FINESS Array B | 37.27 | 326 | P | Pn | 21 36 22.8 +1.8 |
| ARCS | ARCES Array B | 40.80 | 337 | P | Pn | 21 36 52.2 +1.9 |
| ARCS | ARCES Array B | 40.80 | 337 | P | Pn | 21 36 50.5 +0.2 |
| GERES | GERESS Array B | 42.97 | 305 | P | Pn | 21 37 10.6 +2.2 |
| NC405 | NORSAR Array S | 43.96 | 323 | P | P | 21 37 16.3 +0.2 |
| NC602 | NORSAR Array S | 44.02 | 322 | P | P | 21 37 17.3 +0.8 |
| NB201 | NORSAR Array S | 44.16 | 323 | P | P | 21 37 16.5 +0.8 |
| NB2 | NORSAR Subterra | 44.22 | 323 | P | P | 21 37 19.5 +1.5 |
| NOA | NORSAR Array B | 44.30 | 323 | P | P | 21 37 19.2 +1.2 |
| NB009 | NORSAR Array S | 44.32 | 323 | P | P | 21 37 20.3 +0.6 |
| NC204 | NORSAR Array S | 44.43 | 323 | P | P | 21 37 21.3 +1.4 |
| NC204 | | | | IAMB | IAMB | 21 37 22.7 |
| ESDC | Sonca Array | 57.58 | 298 | P | P | 21 39 00.2 +1.6 |
| TORD | Tordj Ar. Bea | 66.17 | 269 | P | P | 21 39 57.4 +1.0 |
| TOLK | Toolik Lake Re | 70.27 | 15 | P | P | 21 40 22.6 +1.4 |
| TOLK | | | | IAMB | IAMB | 21 40 25.8 |
| IMAR | Indian Mountain | 71.50 | 18 | P | P | 21 40 29.7 +1.1 |

| ILAR | Eielson Array | 74.12 | 16 | P | P | 21 40 44.4 +0.3 |
|------|-------------------------------------------|-------|----|---|------|-----------------|
| PPLA | comp=Z,1.6nm,1.3s,baz=33,slow=4.6,SNR=2.7 | | | | | |
| PPLA | Purkepiley | 74.41 | 19 | P | IAMB | 21 40 47.1 +1.1 |
| PPLA | | | | | | 21 41 01.4 |
| YKA | Yellowknife Arr | 80.66 | 3 | P | P | 21 41 22.1 +1.6 |
| | comp=Z,0.5nm,0.6s,baz=1.1,slow=5.3,SNR=12 | | | | | |

IDC 26 21:33:45.6,0.6,1.98N,126:35E,h0km,mb4.0/16,mb1.4/1/17,mb1mx3.9/52,mbtmp4.0/17,ML4.0/1,MS3.0/1,Ms1.3/0.1,ms1mx2.3/35,Error ellipse: s-maj=38.7km s-min=11.2km az=12.2
 DJA 26 21:33:50.2,2.2,2°N,12°12'7E,2.2,h62km,107km,MS3.8/4,MLV3.8/4
 NEIC 26 21:33:51.4,1.4,2°04'N,0°09'126:66E,0.08,h44km,8km,mb4.3/20,Error ellipse: s-maj=15.2km s-min=9.3km az=216.0

ISC 26 21:33:52.1,0.5,2°10'N,0°06'126:61E,0.08,h47km,n50,az=1923/47,mb4.1/27,Northern Molucca Sea

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|----------------|--------|-----|-------------------------------------------|-------|-----------------|
| | | | | | h m s | ISC |
| TNTI | Ternate | 1.52 | 150 | Op | Pn | 21 34 15.7 +1.3 |
| TNTI | Ternate | 1.52 | 150 | Pn | Pn | 21 34 15.1 -1.9 |
| SGSI | Sangihe | 1.91 | 326 | P | Pn | 21 34 20.3 -1.9 |
| SANI | Sani | 4.17 | 189 | P | Pn | 21 34 51.4 -1.9 |
| LWUI | Luwuk | 4.95 | 231 | Pn | Pn | 21 35 04.2 +0.2 |
| SIJI | Sorong | 5.51 | 122 | LR | LR | 21 37 26.9 |
| TOLIZ | Tolitoli | 5.91 | 260 | Pn | Pn | 21 35 16.6 -0.5 |
| FAKI | Fak Fak | 7.53 | 131 | Pn | Pn | 21 35 38.2 -1.2 |
| MYIDL | Lahad Datu | 8.65 | 291 | Pn | Pn | 21 35 58.1 +3.3 |
| SBUM | Sibu | 14.38 | 272 | P | P | 21 37 19.2 +0.3 |
| MTN | Manton Dam | 15.51 | 163 | Pn | Pn | 21 37 27.1 -0.8 |
| FITZ | Fitzroy Crossi | 20.10 | 183 | P | Pn | 21 38 21.3 -2.8 |
| WB0 | Warramunga Arr | 23.04 | 161 | P | IAMB | 21 38 51.7 -1.8 |
| WB0 | | | | IAMB | | 21 38 57.5 |
| WRA | Warramunga Arr | 23.18 | 161 | P | P | 21 38 53.1 -1.9 |
| WRA | Warramunga Arr | 23.18 | 161 | P | P | 21 38 52.7 -2.3 |
| WB2 | Warramunga Arr | 23.19 | 161 | P | P | 21 38 52.7 -2.3 |
| PSA00 | Pilbara Seismi | 24.44 | 195 | P | IAMB | 21 39 08.5 +1.8 |
| PSA00 | | | | IAMB | | 21 39 19.0 |
| ASAR | Alice Springs | 26.58 | 165 | P | P | 21 39 25.1 -1.0 |
| ASAR | | | | comp=Z,0.2nm,0.4s,baz=341,slow=7.9,SNR=15 | | 21 44 01.0 +3.3 |
| ASAR | Alice Springs | 26.58 | 165 | P | P | 21 39 27.8 +1.7 |
| CMAR | Chiang Mai Arr | 31.61 | 303 | P | P | 21 40 09.5 -1.4 |
| FORT | Forrest | 32.73 | 178 | P | P | 21 40 19.9 -0.6 |
| JWT | Wachi | 34.01 | 13 | P | IAMB | 21 40 32.1 +0.6 |
| JWT | | | | IAMB | | 21 40 50.6 |
| KSR5 | Korea Array | 35.20 | 2 | P | P | 21 40 42.3 +0.5 |
| BBOO | Buckleboe | 35.86 | 166 | P | IAMB | 21 40 46.3 -1.2 |
| BBOO | | | | IAMB | | 21 40 50.2 |
| MJAR | Matsushiro Arr | 35.91 | 16 | P | P | 21 40 50.6 +2.7 |
| STKA | Stevens Creek | 36.67 | 358 | P | P | 21 40 54.6 +0.1 |
| LSA | Lhasa | 43.43 | 313 | P | P | 21 41 51.2 0.0 |
| SONM | Songino Array | 48.79 | 342 | P | IAMB | 21 42 32.6 -0.1 |
| SONM | Songino Array | 48.79 | 342 | IAMB | IAMB | 21 42 35.4 |
| MK31 | Makanchi Array | 58.82 | 326 | P | P | 21 43 45.5 -0.4 |
| MK31 | | | | IAMB | IAMB | 21 43 50.0 |
| MKAR | Makanchi Array | 58.82 | 326 | P | P | 21 43 45.5 -0.4 |
| MKAR | Makanchi Array | 58.82 | 326 | P | P | 21 43 45.3 -0.5 |
| MAKZ | Makanchi | 59.00 | 326 | IAMB | IAMB | 21 43 46.7 -0.4 |
| MAKZ | | | | IAMB | | 21 43 50.8 |
| AAK | Ala-Archa | 61.48 | 318 | P | P | 21 44 03.8 -0.6 |
| KURBB | Kurchatov Arra | 63.04 | 328 | P | P | 21 44 14.0 -0.4 |
| KURK | Kurchatov | 63.04 | 328 | P | P | 21 44 14.3 -0.1 |
| BVAR | Borovoye Array | 68.01 | 327 | P | P | 21 44 49.7 -0.5 |
| GEYT | Alibek | 71.82 | 309 | P | P | 21 45 10.3 +0.1 |
| ABKAR | Akbulak array | 73.33 | 321 | P | P | 21 45 18.7 -0.2 |
| ABKAR | Akbulak array | 73.33 | 321 | P | P | 21 45 18.8 -0.1 |
| ABKAR | | | | IAMB | IAMB | 21 45 22.7 |
| AKTO | Aktyubinsk | 74.85 | 322 | P | P | 21 45 27.9 +0.1 |
| ARU | Arti | 76.24 | 328 | P | P | 21 45 35.1 -0.5 |
| ARU | Arti | 76.24 | 328 | P | P | 21 45 35.5 -0.1 |
| RAYN | Ar Rayn | 81.01 | 293 | P | P | 21 46 02.4 -0.2 |
| RAYN | | | | IAMB | IAMB | 21 46 03.0 |
| BELG | Belogoroye | 81.61 | 323 | P | P | 21 46 05.9 +0.8 |
| VNDA | Vanda | 81.84 | 173 | P | P | 21 46 06.1 +0.3 |
| TTA | Tatalina | 82.40 | 27 | P | IAMB | 21 46 11.1 +1.9 |
| TTA | | | | IAMB | | 21 46 26.2 |
| KBZ | Khabaz | 84.00 | 314 | P | P | 21 46 18.5 +0.8 |
| SML | Sawmill | 85.82 | 28 | P | P | 21 46 27.5 +0.9 |
| TXAR | Lajtas Array | 122.68 | 33 | PKP | PKIKP | 21 52 44.3 +0.5 |

BIO 26 21:39:45.6,0.7,39.95N,19:87E,h7km,2km,ML2.8/12
 THE 26 21:39:47.7,40:31N,19:80E,h4km,1km,MD3.1,MI2.9
 ATH 26 21:39:48.8,40:29N,19:82E,h14km,2km,ML2.6/9,Error ellipse: s-maj=2.1km s-min=1.3km az=27.0
 THE 26 21:39:49.0,40:29N,19:72E,h0km,3km,ML2.7/11,Error ellipse: s-maj=3.3km s-min=1.2km az=27.0

ISC 26 21:39:48.2,1.1,40:30N,0:02,19:81E,0:02,h4km,9km,n78,r144/13,Albania

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|---------------------------|------|-----|----------|-------|-----------------|
| | | | | | h m s | ISC |
| LSK | comp=E,3.4nm,0.6s,baz=104 | | | AMP | | |
| KBN | Korca | 0.81 | 66 | P | Pb | 21 40 03.9 -1.1 |
| KBN | baz=67 | | | S | Sb | 21 40 16.7 +0.3 |
| KBN | | | | AMP | | |
| IGT | igoumitisA | 0.87 | 152 | P | Pb | 21 40 05.3 -0. |

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like VAY Valandovo, PRVS Prvone, BARS Barje, etc.

IDC 26 21:45:37.3, 3.2, 7.43S, 123.87E, h228km, 32km, mb2.6/1, m1 3.0/5, mb1mx2.8/49, mbtmp3.5/5, Error ellipse: s-maj=103.9km s-min=17.1km az=60.0

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

NEIC 26 21:51:34.8, 1.5, 1.89N; 0.06:126.34E:0.07, h35km, 1km, mb4.8/1, Error ellipse: s-maj=13.0km s-min=8.1km az=228.0

IDC 26 21:51:37.9, 2.0, 1.91N; 126.46E, h65km, 18km, mb4.1/25, mb1 4.2/28, mb1mx4.1/38, mbtmp4.2/8, MS3.4/14, Ms1 3.4/14, ms1mx3.2/33, Error ellipse: s-maj=18.6km s-min=8.8km az=74.0

IDC 26 21:51:36.1, 0.3, 1.89N; 0.04:126.36E:0.05, h47km, n162, r150/172, mb4.4/34, MS3.4/14, 2C-1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like TMTI Ternate, GTOI Gorontalo, SANI Sanana, etc.

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Table with columns: KRVT Keravat, AS31 Alice Springs, ASAR Alice Springs, etc. Includes station codes, names, coordinates, and times.

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Table with columns: BKZ Black Stump Fm, ARSB Arslanbob, ZALV Zalesovo Beam, etc. Includes station codes, names, coordinates, and times.

IDC 26 21:20:73.3, 1.5, 7.93S; 148.92E, h90km, 39km, mb3.8/2, mb1 3.8/5, mb1mx3.4/28, mbtmp4.0/5, MS2.9/1, Ms1 2.9/1, ms1mx3.2/26, Error ellipse: s-maj=74.7km s-min=10.2km az=134.0

NEIC 26 21:20:14.2, 1.1, 9.62S; 0.09:149.33E:0.1, h97km, 9km, mb4.2/10, Error ellipse: s-maj=17.5km s-min=9.9km az=128.0

ISC 26 22:10:24.5, 0.8, 6.1S; 0.1:149.33E:0.1, h100km, n25, r145/27, mb4.2/3, New Britain region

Table with columns: KRVT Keravat, ARSB Arslanbob, ZALV Zalesovo Beam, etc. Includes station codes, names, coordinates, and times.

IDC 26 23:33:12.7, 3.1, 4.04N; 96.13E, h0km, mb3.5/6, mb1 3.6/6, mb1mx3.4/38, mbtmp3.5/6, Error ellipse: s-maj=134.4km s-min=23.2km az=59.0

DJA 26 23:33:18.3, 2.0, 4.5N; 9.96E: 1, h12km, 19km, M3.6/7, mb3.8/1, M3.6/7

ISC 26 23:33:18.4, 1.1, 3.81N; 0.07:95.9E:0.1, h50km, n14, r0579/13, mb3.5/6, Off west coast of northern Sumatra

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

IDC 26 23:48:15.1, 1.4, 2.43S, 123.21E, h0km, mb3.5/4, mb21 4.0/6, mb1mx3.7/34, mbtmp3.9/6, ML4.1/2, MS3.1/2, Ms1.3/1.2, ms1mx2.6/30, Error ellipse: s-maj=107.1km s-min=23.3km az=65.0

DJA 26 23:48:18.2, 2.8, 3.3, S3.3, 12.3E, h17km, M4.4/1.1, mb5.1/2, mb4.9/4, MLV4.2/1.1, Mw(m)4.5/2

NEIC 26 23:48:22.2, 2.5, 2.93S, 0.06, 122.57E, 0.09, h56km, 10km, mb4.1/6, Error ellipse: s-maj=12.9km s-min=8.2km az=101.0

ISC 26 23:48:20.4, 0.8, 2.89S, 0.07, 122.51E, 0.09, h35km, n30, r193Z, mb3.5/3, Sulawesi

| Code | Station Name | A° | AZ° | Phase ID | Op | ISC | Time Res | ISC |
|-------|-----------------|-------|-----|----------|------|------|------------|------|
| KDI | Kendari | 1.06 | 174 | P | P | Pn | 23 48 37.6 | -1.2 |
| LUWI | Luwuk | 1.86 | 8 | P | P | Pn | 23 48 50.1 | +0.4 |
| LUWI | Luwuk | 1.85 | 8 | Pn | Pn | Pn | 23 48 50.2 | +0.5 |
| KAPI | Kappang | 4.74 | 233 | P | P | Pn | 23 49 12.1 | +0.2 |
| GTOI | Gorontalo | 3.57 | 77 | P | P | Pn | 23 49 12.8 | -0.5 |
| SANI | Sanana | 4.34 | 336 | P | P | Pn | 23 49 25.8 | +1.9 |
| TOLII | Toilaiti | 4.59 | 94 | P | P | Pn | 23 49 26.1 | -1.2 |
| NLAI | Namlea | 5.71 | 183 | P | P | Pn | 23 49 42.6 | -0.2 |
| MMRI | Maumere | 5.71 | 183 | Pn | Pn | Pn | 23 49 43.3 | +0.5 |
| EDFI | Eude, Flores | 5.88 | 188 | P | P | Pn | 23 49 44.4 | -0.7 |
| TNTI | Ternate | 6.07 | 53 | P | P | Pn | 23 49 47.7 | +0.1 |
| SOEI | Soe | 7.04 | 166 | Pn | Pn | Pn | 23 50 03.2 | +2.1 |
| BATI | Baumata | 7.36 | 171 | Pn | Pn | Pn | 23 50 09.0 | +3.6 |
| BASI | Bating, Sumatra | 7.53 | 195 | P | P | Pn | 23 50 06.3 | -1.4 |
| MYLDM | Lahad Datu | 8.97 | 333 | Pn | Pn | Pn | 23 50 33.4 | +6.0 |
| FAKI | Fak Fak | 9.72 | 90 | Pn | Pn | Pn | 23 50 38.9 | +1.1 |
| FITZ | Fitzroy Crossi | 14.52 | 169 | Pn | Pn | Pn | 23 51 57.2 | +1.8 |
| FITZ | Fitzroy Crossi | 14.52 | 169 | Iamb | Iamb | Iamb | 23 52 00.6 | - |
| WB0 | Warramunga Arr | 20.39 | 146 | P | P | P | 23 52 54.6 | +0.2 |
| WRA | Warramunga Arr | 20.50 | 147 | P | P | P | 23 52 55.1 | -0.5 |
| WB2 | Warramunga Arr | 20.51 | 147 | P | P | P | 23 52 55.2 | -0.5 |
| WB0 | Warramunga Arr | 20.63 | 146 | P | P | P | 23 52 56.5 | -0.5 |
| WFO | Warramunga Arr | 20.63 | 146 | Iamb | Iamb | Iamb | 23 52 57.1 | - |
| ASAR | Alice Springs | 23.41 | 153 | P | P | P | 23 53 26.8 | +0.4 |
| ASAR | Alice Springs | 23.41 | 153 | PcP | PcP | PcP | 23 53 12.5 | +0.1 |
| PSI | Prapat | 24.25 | 283 | LR | LR | LR | 00 04 24.1 | - |
| KRVIT | Keravat (AS076) | 29.49 | 94 | LR | LR | LR | 00 06 13.0 | - |
| STKA | Stephens Creek | 33.97 | 150 | P | P | P | 23 55 01.2 | +0.6 |
| STKA | Stephens Creek | 33.97 | 150 | Iamb | Iamb | Iamb | 23 55 52.2 | - |
| MKAR | Makanchi Array | 60.82 | 329 | P | P | P | 23 58 29.0 | -0.1 |
| MXZ | Matakoa Point | 61.53 | 132 | P | P | P | 23 58 32.0 | -2.1 |

UPA 26 23:52:13.4, 1.2, 6.52N, 82.37W, h10km, 19km, MW5.9, Fault plane solution: NP1: 108.36000°, 848.44000°, 1.30.79000°

MOS 26 23:52:13.4, 1.4, 6.52N, 82.37W, h10km, 6km 6/21, MS5.3/18, Error ellipse: s-maj=9.1km s-min=5.5km az=113.8

IDC 26 23:52:13.3, 0.5, 6.55N, 82.41W, h0km, mb4.6/23, mb1 4.9/29, mb1mx4.8/37, mbtmp4.7/29, ML4.1/5, MS5.3/24, Ms1.5/3/24, ms1mx5.3/27, Error ellipse: s-maj=18.9km s-min=9.7km az=56.0

NEIC 26 23:52:14.8, 6.51N, 82.34W, h13km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mrr=0.08; Mss=0.73; Mss=0.65; Mss=0.91; Mss=0.23; Mss=0.72; Fault plane solution: NP1: 108.36000°, 848.44000°, 1.30.79000°; NP2: 2.35000°, 884.25000°, -1.75.78000°. Principal axes: T 2.998, P1g1.0000°, Azm317.0000°; N 0.0580, P1g3.0000°, Azm56.0000°; P -9.3578, P1g7.0000°, Azm227.0000°;

NEIC 26 23:52:15.2, 1.8, 6.52N, 0.06, 82.35W, 0.07, h10km, 1km, mb5.4/633, Ms 20.5, 5.695, Mw5.9/56, Mw7.9, Mw6.0(GCMT) Error ellipse: s-maj=12.6km s-min=10.0km az=233.0

UCR 26 23:52:16.2, 2.0, 6.68N, 82.31W, h20km, 41km, ML5.1, MW5.6, mb5.9(NEIC)

NEIC 26 23:52:19.6, 50.82E, 44W, h24km, Moment Tensor Solution. Moment tensor: Scale 10¹⁷Nm; Mrr=0.97; Mss=1.16; Mss=0.01; Mss=0.21; Mss=0.21; Mss=0.21; Fault plane solution: NP1: 108.36000°, 848.44000°, 1.30.79000°; NP2: 2.35000°, 884.25000°, -1.75.78000°. Principal axes: T 2.998, P1g1.0000°, Azm317.0000°; N 0.0580, P1g3.0000°, Azm56.0000°; P -9.3578, P1g7.0000°, Azm227.0000°;

GCMT 26 23:52:22.0, 1.6, 6.68N, 82.41W, h18km, MW6.0/165, Moment Tensor Solution. s155.c326; s165.c578; Duration: 24 Moment tensor: Scale 10¹⁸Nm; Mrr=0.02; Mss=0.23; Mss=0.01; Mss=0.21; Mss=0.21; Mss=0.21; Fault plane solution: NP1: 108.36000°, 848.44000°, 1.30.79000°; NP2: 2.35000°, 884.25000°, -1.75.78000°. Principal axes: T 2.998, P1g1.0000°, Azm317.0000°; N 0.0580, P1g3.0000°, Azm56.0000°; P -9.3578, P1g7.0000°, Azm227.0000°;

SNET 26 23:52:30.9, 0.6, 7.96N, 82.29W, h35km, 99km, ML6.1 ISC 26 23:52:14.8, 0.9, 6.46N, 0.03, 82.46W, 0.03, h10km, 5km, n1418, r197/1138, mb5.4/347, MS5.5/402, 19C-16d, South of Panama

| Code | Station Name | A° | AZ° | Phase ID | Op | ISC | Time Res | ISC |
|-------|---------------------|------|-----|----------|----|-----|------------|------|
| GMAL | Guarumal, Vera | 1.78 | 43 | IJP | Pn | Pn | 23 52 42.0 | -3.7 |
| GMAL | Guarumal, Vera | 1.78 | 43 | eS | Pn | Pn | 23 52 40.0 | -4.6 |
| GMAL | Guarumal, Vera | 1.78 | 43 | eP | Pn | Pn | 23 52 42.0 | -3.8 |
| CACAO | El Cacao, Vera | 1.82 | 61 | IJP | Pn | Pn | 23 52 42.0 | -4.3 |
| CACAO | El Cacao, Vera | 1.82 | 61 | eS | Pn | Pn | 23 52 43.3 | -6.1 |
| REIM3 | Remedios, Chir | 1.87 | 20 | eS | Pn | Pn | 23 52 43.4 | -3.5 |
| MARI3 | Mariato, Verag | 1.88 | 51 | eP | Pn | Pn | 23 52 43.7 | -3.4 |
| PEDE3 | Pedregal, Chir | 1.92 | 1 | eS | Pn | Pn | 23 52 47.8 | +0.2 |
| LOCO3 | Loma Colorada, Chir | 1.94 | 1 | eS | Pn | Pn | 23 53 09.2 | -3.3 |
| BAGA3 | Bagala, Chiriq | 2.00 | 358 | eP | Pn | Pn | 23 52 46.2 | -2.6 |
| PONU3 | Ponuga, Veragu | 2.04 | 349 | IJP | Pn | Pn | 23 52 46.4 | -3.0 |
| CDITO | Canos, Chir | 2.14 | 349 | IJP | Pn | Pn | 23 52 47.1 | -3.7 |
| CDITO | Canos, Chir | 2.14 | 349 | eP | Pn | Pn | 23 52 47.1 | -3.6 |
| PTJ1 | Puerto Jimnez | 2.23 | 338 | eP | Pn | Pn | 23 52 49.0 | -2.8 |
| PTJ1 | Puerto Jimnez | 2.23 | 338 | eS | Pn | Pn | 23 53 17.6 | -2.0 |
| PTJ1 | Puerto Jimnez | 2.23 | 338 | eP | Pn | Pn | 23 52 48.9 | -3.0 |
| BCO2 | Palmar | 2.25 | 358 | eP | Pn | Pn | 23 52 49.3 | -3.0 |
| BRU2 | Volcan | 2.33 | 354 | eP | Pn | Pn | 23 53 17.2 | -3.1 |
| BRU2 | Volcan | 2.33 | 354 | eS | Pn | Pn | 23 52 50.4 | -3.1 |
| BRU2 | Volcan | 2.33 | 354 | eP | Pn | Pn | 23 53 21.1 | -1.3 |
| BRU2 | Volcan | 2.33 | 354 | eP | Pn | Pn | 23 52 50.3 | -3.2 |
| BC3P | Paso Ancho | 2.35 | 356 | eP | Pn | Pn | 23 52 51.0 | -2.8 |
| MLR3 | Monte Lirio, C | 2.35 | 351 | eP | Pn | Pn | 23 52 51.8 | -1.9 |
| EDSV | San Vito | 2.40 | 348 | eP | Pn | Pn | 23 52 51.9 | -2.5 |
| RIOS | Rincon, Osa | 2.46 | 335 | eP | Pn | Pn | 23 52 51.5 | -3.6 |
| CHGR2 | Aguaquite | 2.49 | 7 | eP | Pn | Pn | 23 52 52.9 | -2.6 |
| CHGR2 | Aguaquite | 2.49 | 7 | eS | Pn | Pn | 23 52 52.0 | -4.0 |
| AZU | Azuero | 2.54 | 58 | IJP | Pn | Pn | 23 52 52.8 | -3.5 |
| AZU | Azuero | 2.54 | 58 | eS | Pn | Pn | 23 52 52.1 | -5.3 |

| | | | | | | | | |
|--------|-----------------|------|-----|-----|----|----|------------|------|
| AZU | Azuero | 2.54 | 58 | eP | Pn | Pn | 23 52 52.7 | -3.5 |
| MABP | Malpelo | 2.58 | 161 | eP | Pn | Pn | 23 52 49.6 | -7.1 |
| EMPA | Buenos Aires | 2.81 | 343 | eP | Pn | Pn | 23 52 57.8 | -2.1 |
| DRKO | Durika | 2.90 | 345 | IJP | Pn | Pn | 23 52 58.7 | -2.6 |
| DRKO | Durika | 2.90 | 345 | eS | Pn | Pn | 23 53 35.2 | -1.0 |
| DRKO | Durika | 2.90 | 345 | eP | Pn | Pn | 23 53 35.2 | -1.0 |
| PNME | Penonome | 2.92 | 46 | eP | Pn | Pn | 23 52 59.8 | -1.7 |
| EDLM | Las Mercedes | 3.02 | 338 | eP | Pn | Pn | 23 53 00.9 | -1.9 |
| EDDO | Dominical | 3.11 | 334 | eP | Pn | Pn | 23 53 01.4 | -2.6 |
| PEZZ | Perez Zeledon, | 3.15 | 338 | eP | Pn | Pn | 23 53 02.2 | -2.4 |
| RIMA | Rio Macho | 3.57 | 337 | eP | Pn | Pn | 23 53 08.2 | -2.4 |
| ZANUCO | Zancudo, Cho | 3.58 | 46 | eP | Pn | Pn | 23 53 08.2 | -2.4 |
| LCR2 | La Lucha 2 | 3.60 | 335 | eP | Pn | Pn | 23 53 08.9 | -2.2 |
| BATAN | Batan | 3.73 | 346 | eP | Pn | Pn | 23 53 11.2 | -1.4 |
| CVTR | Volcan Turrial | 3.77 | 340 | eP | Pn | Pn | 23 53 11.8 | -1.7 |
| SJS | Escuela Geolog | 3.80 | 336 | eP | Pn | Pn | 23 53 12.3 | -1.4 |
| UPA | Unifan | 3.88 | 46 | IJP | Pn | Pn | 23 53 12.3 | -1.4 |
| JACO | J.C.O. Garabito | 3.88 | 326 | eP | Pn | Pn | 23 53 11.6 | -2.8 |
| HDC3 | Heredia 3 | 3.88 | 335 | eP | Pn | Pn | 23 53 13.3 | -1.5 |
| HDC | Heredia | 3.88 | 335 | IJP | Pn | Pn | 23 53 13.3 | -1.4 |
| HDC | Heredia | 3.88 | 335 | eP | Pn | Pn | 23 53 13.0 | -1.8 |
| HDC | Heredia | 3.88 | 335 | eP | Pn | Pn | 23 53 13.4 | -1.4 |
| LFPE | Finca La Fe, P | 4.12 | 81 | eP | Pn | Pn | 23 53 15.5 | -2.4 |
| SRA1 | San Ramn | 4.12 | 331 | eP | Pn | Pn | 23 53 15.7 | -2.4 |
| JTS | Las Juntas de | 4.54 | 327 | Pn | Pn | Pn | 23 53 21.8 | -1.9 |
| JTS | Las Juntas de | 4.54 | 327 | Pn | Pn | Pn | 23 53 22.2 | -1.5 |
| JTS | Las Juntas de | 4.54 | 327 | Pn | Pn | Pn | 23 53 22.2 | -1.5 |
| JTS | Las Juntas de | 4.54 | 327 | eP | Pn | Pn | 23 53 23.3 | -2.4 |
| JTS | Las Juntas de | 4.54 | 327 | eP | Pn | Pn | 23 53 22.2 | -1.5 |
| FORC | Finca La Perla | 4.59 | 338 | eP | Pn | Pn | 23 53 23.2 | -0.3 |
| CASO | Castillo | 4.55 | 331 | eP | Pn | Pn | 23 53 23.3 | -0.5 |
| ARE1 | Arenal 1 | 4.56 | 331 | eP | Pn | Pn | 23 53 23.5 | -0.6 |
| CEDE | Laguna Cededo | 4.58 | 331 | eP | Pn | Pn | 23 53 23.4 | -0.9 |
| CEDE | Laguna Cededo | 4.58 | 331 | eP | Pn | Pn | 23 53 23.4 | -0.2 |
| COOPE | Coope Vega, Sa | 4.65 | 336 | eP | Pn | Pn | 23 53 23.8 | -1.5 |
| DUNE | Duque Nombro, | 4.67 | 320 | eP | Pn | Pn | 23 53 24.1 | -1.6 |
| PLVR | Palo Verde | 4.81 | 324 | eP | Pn | Pn | 23 53 25.7 | -1.9 |
| GUAI | GUAI | 4.84 | 322 | eP | Pn | Pn | 23 53 26.6 | -1.3 |
| ACAL | Agua Claras | 4.87 | 329 | eP | Pn | Pn | 23 53 27.2 | -1.1 |
| ORIG | Ortega, Santa | 4.87 | 329 | eP | Pn | Pn | 23 53 26.6 | -1.9 |
| PTEN | Finca Tenorio | 4.87 | 330 | eP | Pn | Pn | 23 53 26.2 | -0.7 |
| CUI | Cuipilapa | 4.96 | 328 | eP | Pn | Pn | 23 53 28.5 | -1.0 |
| COLC | Colonia | 4.98 | 327 | eP | Pn | Pn | 23 53 29.0 | -0.8 |
| HORN | Hornillas | 5.01 | 328 | eP | Pn | Pn | 23 53 29.0 | -1.2 |
| MICOM | Guayabo | 5.01 | 328 | eP | Pn | Pn | 23 53 29.8 | -0.5 |
| SOL | Solano | 5.03 | 92 | eP | Pn | Pn | 23 53 29.8 | -0.5 |
| GUAB | Guayabo de Bag | 5.03 | 327 | eP | Pn | Pn | 23 53 29.4 | -1.1 |
| LM1 | Limalon | 5.04 | 327 | eP | Pn | Pn | 23 53 29.8 | -0.9 |
| GPS2 | Hotel Rincon d | 5.14 | 326 | eP | Pn | Pn | 23 53 | |

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Table with columns: Call ID, Name, Frequency, Mode, Band, Power, and other technical details. Includes entries like 656A Williston, MAGL Barre de l'île, etc.

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Table with columns: Call ID, Name, Frequency, Mode, Band, Power, and other technical details. Includes entries like X58A Rowland, X48A Hartsele, X59A McDuff Farm, etc.

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Table with columns: Call ID, Name, Frequency, Mode, Band, Power, and other technical details. Includes entries like LPAR Lepanto, HBAR Harrisburg, U54A Neilsons Funny, etc.

| | | | | | | | | | | |
|-------|--------------------------------------------|-------|-----|-----|-----|-----|-----|-----|----|------------|
| U40A | baz=160 Yellville | 31.25 | 344 | I | Amb | I | Amb | 23 | 58 | 39.2 |
| S58A | Poland Farm, P | 31.27 | 7 | S | S | | | 00 | 03 | 44.5 +2.8 |
| S58A | Poland Farm, P | 31.27 | 7 | P | P | | | 23 | 58 | 34.4 -0.6 |
| S58A | Poland Farm, P | 31.27 | 7 | P | I | Amb | I | 23 | 58 | 56.0 |
| S58A | comp=Z,79nm,1.6s | | | | | I | Amb | 20 | 00 | 10 25.6 |
| S57A | Dark Hollow, R | 31.32 | 5 | P | P | | | 23 | 58 | 35.1 -0.4 |
| S57A | baz=186 | | | S | S | | | 00 | 03 | 43.9 +1.3 |
| JSRW | J. Sargeant Re | 31.37 | 7 | P | P | | | 23 | 58 | 35.3 -0.6 |
| T42A | Van Buren | 31.44 | 347 | P | I | Amb | I | 23 | 58 | 39.7 |
| SLBS | Sierra La Lagu | 31.48 | 306 | P | P | | | 23 | 58 | 36.0 +0.8 |
| S59A | Mechanicsville | 31.52 | 8 | P | P | | | 23 | 58 | 37.0 -0.1 |
| S59A | baz=190 | | | S | S | | | 00 | 03 | 48.3 +2.8 |
| S60A | Water View | 31.55 | 9 | P | P | | | 23 | 58 | 36.7 -0.8 |
| S60A | baz=191 | | | S | S | | | 00 | 03 | 48.0 +1.9 |
| R54A | Victor | 31.61 | 2 | P | P | | | 23 | 58 | 37.5 -0.5 |
| R54A | baz=183,SNR=13 | | | S | S | | | 00 | 03 | 49.3 +2.2 |
| R58B | Mineral | 31.64 | 7 | P | P | | | 23 | 58 | 37.0 -1.2 |
| R58B | baz=188 | | | S | S | | | 00 | 03 | 49.4 +1.9 |
| R58B | Mineral | 31.64 | 7 | I | Amb | I | Amb | 23 | 58 | 50.6 |
| R58B | comp=Z,111nm,1.7s | | | I | Amb | 20 | I | Amb | 20 | 00 10 46.3 |
| S61A | Accomac | 31.69 | 10 | P | P | | | 23 | 58 | 37.8 -0.8 |
| S61A | baz=193 | | | S | S | | | 00 | 03 | 52.5 +4.2 |
| S61A | Accomac | 31.69 | 10 | P | P | | | 23 | 58 | 37.2 -1.5 |
| S61A | comp=Z,111nm,1.9s | | | I | Amb | 20 | I | Amb | 20 | 00 11 43.5 |
| S44A | Carbondale | 31.70 | 350 | I | Amb | I | Amb | 23 | 58 | 46.8 |
| SIUC | Southern Illin | 31.72 | 350 | I | Amb | I | Amb | 23 | 58 | 47.0 |
| R50A | Paris | 31.73 | 357 | I | Amb | 20 | I | Amb | 20 | 00 10 19.1 |
| R50A | comp=Z,8um,21.0s | | | I | Amb | I | Amb | 23 | 58 | 45.6 |
| R50A | comp=Z,75nm,1.1s | | | I | Amb | 20 | I | Amb | 20 | 00 11 36.1 |
| R55A | Marlinton | 31.75 | 4 | P | P | | | 23 | 58 | 39.3 0.0 |
| R55A | baz=184,SNR=12 | | | S | S | | | 00 | 03 | 52.1 +2.7 |
| R55A | Marlinton | 31.75 | 4 | I | Amb | 20 | I | Amb | 20 | 00 11 40.5 |
| U38A | Gravette | 31.78 | 342 | I | Amb | I | Amb | 23 | 58 | 43.6 |
| LVC | Limon Verde | 31.79 | 156 | P | P | | | 23 | 58 | 40.6 +0.4 |
| LVC | comp=Z,6.4nm,1.0s,baz=334,slow=6.8,SNR=5.5 | | | P | P | | | 23 | 58 | 39.4 -0.7 |
| LVC | comp=Z,103nm,1.9s | | | MLR | MLR | | | | | |
| LVC | comp=Z,4um,22.0s | | | P | P | | | 23 | 58 | 39.4 -0.7 |
| LVC | Limon Verde | 31.79 | 156 | P | I | Amb | I | 23 | 58 | 49.8 |
| WCI | Wyandotte Cave | 31.82 | 354 | P | P | | | 23 | 58 | 38.9 -0.9 |
| WCI | baz=173 | | | P | P | | | 23 | 58 | 38.2 -1.6 |
| WCI | Wyandotte Cave | 31.82 | 354 | P | P | | | 23 | 58 | 38.2 -1.6 |
| WCI | comp=Z,145nm,1.1s | | | P | P | | | 23 | 58 | 40.1 -0.4 |
| WCI | Wyandotte Cave | 31.82 | 354 | P | P | | | 23 | 58 | 40.1 -0.4 |
| R57A | Stanardsville | 31.90 | 6 | P | P | | | 00 | 03 | 53.9 +2.4 |
| R57A | baz=187 | | | S | S | | | 00 | 03 | 39.4 -1.4 |
| WMOK | Wichita Mounta | 31.92 | 334 | P | P | | | 00 | 12 | 51.6 |
| WMOK | comp=Z,9um,22.0s | | | I | Amb | 20 | I | Amb | 20 | 00 10 51.6 |
| R56A | Bull Pasture II | 31.93 | 5 | P | P | | | 23 | 58 | 39.7 -1.2 |
| R56A | baz=186 | | | S | S | | | 00 | 03 | 54.2 +2.0 |
| CBN | Corbin Frederi | 31.94 | 8 | P | P | | | 23 | 58 | 40.8 -0.1 |
| CBN | comp=Z,33nm,0.8s | | | I | Amb | I | Amb | 23 | 59 | 39.7 |
| CBN | comp=Z,8um,20.0s | | | I | Amb | 20 | I | Amb | 20 | 00 10 56.3 |
| R58A | Rapidan | 31.96 | 7 | P | P | | | 23 | 58 | 41.4 +0.4 |
| R58A | baz=188,SNR=13 | | | S | S | | | 00 | 03 | 54.9 +2.5 |
| R59A | King George, V | 31.97 | 8 | P | P | | | 23 | 58 | 41.0 -0.1 |
| R59A | baz=190 | | | S | S | | | 00 | 03 | 56.1 +3.5 |
| R60A | Leonardtown, M | 32.12 | 9 | P | P | | | 23 | 58 | 41.6 -0.8 |
| OK030 | Cody Creek RV | 32.14 | 338 | I | Amb | I | Amb | 23 | 58 | 53.5 |
| OK031 | S. Brethren Rd | 32.19 | 338 | I | Amb | I | Amb | 23 | 58 | 53.9 |
| FVM | French Village | 32.21 | 348 | I | Amb | I | Amb | 23 | 59 | 04.9 |
| Q53A | Leroy | 32.27 | 1 | P | P | | | 23 | 58 | 42.8 -1.0 |
| Q53A | baz=182,SNR=29 | | | S | S | | | 00 | 03 | 58.3 +1.0 |
| Q52A | Bidwell | 32.36 | 0 | I | Amb | 20 | I | Amb | 20 | 00 11 55.8 |
| Q52A | comp=Z,9um,18.0s | | | I | Amb | 20 | I | Amb | 20 | 00 11 05.8 |
| R61A | Coxs Mills | 32.42 | 2 | I | Amb | 20 | I | Amb | 20 | 00 10 45.1 |
| Q51A | Peeples | 32.44 | 359 | I | Amb | 20 | I | Amb | 20 | 00 12 03.8 |
| CCM | Cathedral Cave | 32.45 | 347 | P | P | | | 23 | 58 | 44.1 -1.3 |
| CCM | baz=163 | | | P | P | | | 23 | 58 | 43.3 -2.1 |
| CCM | Cathedral Cave | 32.45 | 347 | P | P | | | 23 | 58 | 43.3 -2.1 |
| CCM | comp=Z,82nm,1.2s | | | P | P | | | 23 | 58 | 43.3 -2.1 |
| OLIL | Oiney | 32.54 | 352 | I | Amb | 20 | I | Amb | 20 | 00 13 30.8 |
| Q56A | Snyder Ridge, | 32.58 | 5 | P | P | | | 23 | 58 | 46.7 +0.3 |
| Q56A | baz=186 | | | S | S | | | 00 | 04 | 05.9 +3.8 |
| Q56A | Snyder Ridge, | 32.58 | 5 | P | P | | | 23 | 58 | 45.8 -0.7 |
| Q56A | comp=Z,81nm,1.2s | | | I | Amb | I | Amb | 23 | 58 | 53.9 |
| S39A | Bolivar | 32.62 | 344 | I | Amb | I | Amb | 23 | 58 | 51.6 |
| S39A | comp=Z,52nm,1.1s | | | P | P | | | 23 | 58 | 46.6 -0.3 |
| Q58A | Fox Den Farm, | 32.63 | 7 | P | P | | | 00 | 04 | 05.7 +2.9 |
| Q58A | baz=189,SNR=7.8 | | | S | S | | | 00 | 04 | 05.7 +2.9 |
| Q57A | Strasburg | 32.64 | 6 | P | P | | | 23 | 58 | 46.7 -0.3 |
| Q57A | baz=187 | | | S | S | | | 00 | 04 | 07.0 +3.9 |
| Q59A | Harwood | 32.67 | 8 | P | P | | | 23 | 58 | 47.1 -0.3 |
| Q59A | baz=190 | | | S | S | | | 00 | 04 | 05.7 +1.9 |
| SLM | Saint Louis | 32.80 | 349 | I | Amb | I | Amb | 23 | 58 | 56.5 |
| Q44A | Meyer Farm, Va | 32.84 | 351 | I | Amb | I | Amb | 23 | 58 | 56.7 |
| PS1A | Williamsport | 32.88 | 359 | I | Amb | 20 | I | Amb | 20 | 00 12 18.7 |
| PS3A | Whipple | 32.92 | 2 | I | Amb | 20 | I | Amb | 20 | 00 11 13.9 |
| R40A | Maddies Station | 32.92 | 346 | I | Amb | I | Amb | 23 | 58 | 55.9 |
| Q61A | Milford | 32.92 | 10 | P | P | | | 23 | 58 | 48.7 -0.7 |
| T35A | Sooner Cattle | 32.92 | 339 | I | Amb | I | Amb | 23 | 59 | 01.0 |

| | | | | | | | | | | | |
|------|--------------------------------|-------|-----|---|-----|-----|-----|-----|----|------------|------|
| Q60A | comp=Z,59nm,0.9s Greensboro | 32.95 | 10 | P | P | | | 23 | 58 | 48.4 -1.3 | |
| P49A | Miami Univ. Ec | 32.99 | 357 | P | P | | | 23 | 58 | 48.7 -1.4 | |
| P49A | baz=176,SNR=19 | | | S | S | | | 00 | 04 | 08.0 -0.6 | |
| PNMX | Cornudas Mount | 33.01 | 322 | P | P | | | 23 | 58 | 51.3 +0.9 | |
| PS2A | Corning | 33.03 | 0 | P | P | | | 23 | 58 | 49.9 -0.6 | |
| PS2A | comp=Z,10um,19.0s | | | S | S | | | 00 | 04 | 08.9 -0.3 | |
| PS2A | comp=Z,59nm,0.9s | | | I | Amb | I | Amb | 23 | 59 | 01.4 | |
| PS2A | comp=Z,8um,22.0s | | | I | Amb | 20 | I | Amb | 20 | 00 12 15.5 | |
| PB14 | IPOC Station P | 33.05 | 160 | P | P | | | 23 | 58 | 50.7 -0.5 | |
| PB14 | comp=Z,1.46nm,2.0s | | | I | Amb | I | Amb | 23 | 59 | 03.6 | |
| P56A | Dayton Farm, R | 33.06 | 5 | P | P | | | 23 | 58 | 50.9 +0.2 | |
| P56A | baz=186,SNR=20 | | | S | S | | | 00 | 04 | 11.2 +1.6 | |
| CROK | Carrier | 33.11 | 337 | I | Amb | I | Amb | 23 | 59 | 01.9 | |
| P57A | Homestead Farm | 33.13 | 6 | P | P | | | 23 | 58 | 52.2 +0.9 | |
| P57A | baz=188,SNR=10 | | | S | S | | | 00 | 04 | 12.8 +2.2 | |
| P57A | Homestead Farm | 33.13 | 6 | I | Amb | I | Amb | 23 | 58 | 59.0 | |
| P57A | comp=Z,69nm,1.2s | | | I | Amb | 20 | I | Amb | 20 | 00 10 51.7 | |
| MCWV | Mont Chateau | 33.14 | 4 | P | P | | | 23 | 58 | 51.6 +0.2 | |
| MCWV | comp=Z,8um,22.0s | | | I | Amb | I | Amb | 23 | 58 | 59.1 | |
| MCWV | Mont Chateau | 33.14 | 4 | I | Amb | I | Amb | 23 | 58 | 59.1 | |
| MCWV | comp=Z,47nm,1.2s | | | P | P | | | 23 | 58 | 51.9 -0.3 | |
| MSTX | Muleshoe | 33.21 | 328 | P | P | | | 23 | 58 | 54.4 | |
| MSTX | comp=Z,141,SNR=16 | | | I | Amb | I | Amb | 23 | 58 | 54.4 | |
| MSTX | comp=Z,80nm,1.2s | | | I | Amb | 20 | I | Amb | 20 | 00 14 15.0 | |
| P58A | Pank, Wackersv | 33.22 | 7 | P | P | | | 23 | 58 | 52.4 +0.3 | |
| P58A | baz=189,SNR=11 | | | S | S | | | 00 | 04 | 14.1 +2.2 | |
| P46A | Rosedale | 33.29 | 353 | I | Amb | I | Amb | 23 | 59 | 00.2 | |
| P46A | comp=Z,57nm,1.0s | | | I | Amb | 20 | I | Amb | 20 | 00 10 43.8 | |
| AMTX | Amarillo | 33.38 | 331 | P | P | | | 23 | 58 | 52.9 -0.8 | |
| AMTX | baz=143,SNR=11 | | | I | Amb | I | Amb | 23 | 58 | 52.7 -1.0 | |
| AMTX | Amarillo | 33.38 | 331 | P | I | Amb | I | Amb | 23 | 58 | 57.7 |
| U32A | Winter Ranch, | 33.41 | 335 | I | Amb | I | Amb | 23 | 59 | 07.3 | |
| U32A | comp=Z,99nm,1.8s | | | P | P | | | 23 | 58 | 53.1 -1.1 | |
| P59A | Jarrettsville | 33.45 | 8 | P | P | | | 00 | 04 | 17.8 +2.2 | |
| P59A | baz=191,SNR=12 | | | S | S | | | | | | |
| O52A | Adamsville | 33.52 | 1 | I | Amb | I | Amb | 23 | 59 | 01.1 | |
| O49A | Covington | 33.63 | 357 | I | Amb | I | Amb | 23 | | | |

26d 23h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like L56A, L56A Greenwood, CBKS Cedar Bluff, etc.

2014 DEC

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like HRV Adam Dzewiosk, HRV Adam Dzewiosk, HRV Adam Dzewiosk, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like PLVO Plevna, MVCO Mesa Verde, MVCO Mesa Verde, etc.

| | | | | | | | |
|-------|--------------------------------------------|-------|-----|---------|---------|------------|------|
| G62A | baz=198 | | S | S | | 00 05 59.1 | +3.9 |
| G62A | baz=198 | | | | | | |
| G62A | West of Eustis | 39.99 | 13 | IAMB | IAMB | 00 00 05.7 | |
| G62A | comp=Z,81nm,1.1s | | | IAMS_20 | IAMS_20 | 00 15 01.9 | |
| ZON | comp=Z,5um,20.0s | | | | | | |
| ZON | Zonda | 40.02 | 162 | P | P | 23 59 51.0 | +0.8 |
| ZON | comp=Z,28nm,1.2s | | | pmax | pmax | | |
| ZON | Zonda | 40.02 | 162 | P | P | 23 59 51.0 | +0.8 |
| ZON | Zonda | 40.04 | 316 | P | P | 23 59 51.9 | +1.4 |
| GLA | Glamis | 40.04 | 316 | IAMS_20 | IAMS_20 | 00 15 41.8 | |
| GLA | baz=124,SNR=12 | | | | | | |
| GLA | Glamis | 40.04 | 316 | IAMS_20 | IAMS_20 | 00 15 41.8 | |
| H65A | Eastbrook | 40.06 | 16 | S | S | 00 06 01.5 | +5.1 |
| H65A | baz=202 | | | | | | |
| G63A | Kingsbury | 40.10 | 14 | P | P | 23 59 50.9 | +0.2 |
| G63A | baz=200 | | | | | | |
| G63A | baz=200 | | | | | | |
| F59A | Saint Guillaume | 40.13 | 11 | P | P | 23 59 50.7 | -0.2 |
| N23A | Red Feather La | 40.20 | 332 | P | P | 23 59 52.7 | +0.8 |
| TRQ | Mont Tremblant | 40.20 | 9 | P | P | 23 59 49.8 | -1.8 |
| E55A | Monter-Lytto | 40.23 | 7 | P | P | 23 59 51.0 | -0.7 |
| E55A | baz=190 | | | | | | |
| EMMW | East Machias | 40.30 | 17 | IAMS_20 | IAMS_20 | 00 14 28.9 | |
| EMMW | comp=Z,5um,20.0s | | | | | | |
| PDMCI | Parker Dam,Lak | 40.30 | 318 | P | P | 23 59 54.4 | +2.0 |
| PDMCI | baz=126,SNR=13 | | | | | | |
| PHWY | Pilot Hill | 40.30 | 333 | IAMS_20 | IAMS_20 | 00 18 35.3 | |
| PKME | Peaks-Kenny Pk | 40.32 | 14 | P | P | 23 59 52.4 | -0.1 |
| PKME | baz=200 | | | | | | |
| PKME | Peaks-Kenny Pk | 40.32 | 14 | P | P | 23 59 51.6 | -0.9 |
| PKME | comp=Z,5um,18.0s | | | IAMS_20 | IAMS_20 | 00 19 10.8 | |
| F60A | Warwick | 40.40 | 11 | P | P | 23 59 52.7 | -0.5 |
| F60A | baz=196 | | | | | | |
| F60A | baz=196 | | | | | | |
| U15A | North Rim | 40.42 | 322 | IAMB | IAMB | 00 00 02.4 | |
| U15A | comp=Z,146nm,1.4s | | | IAMS_20 | IAMS_20 | 00 16 32.4 | |
| U15A | comp=Z,6um,19.0s | | | | | | |
| G64A | Maxfield | 40.45 | 15 | S | S | 00 06 06.2 | +4.1 |
| E57A | Chemin Saint G | 40.45 | 9 | P | P | 23 59 53.1 | -0.4 |
| E57A | baz=193 | | | | | | |
| E57A | baz=193 | | | | | | |
| E56A | St. Veronique | 40.45 | 8 | P | P | 23 59 52.6 | -1.0 |
| E56A | baz=191,SNR=8.7 | | | | | | |
| E56A | baz=191 | | | | | | |
| SUSD | Miller | 40.49 | 342 | P | P | 23 59 52.9 | -1.1 |
| SUSD | baz=154 | | | | | | |
| SUSD | baz=154 | | | | | | |
| SUSD | Miller | 40.49 | 342 | IAMB | IAMB | 23 59 53.6 | |
| SUSD | comp=Z,73nm,1.1s | | | | | | |
| E58A | La Victoria | 40.55 | 10 | P | P | 23 59 53.7 | -0.6 |
| E58A | baz=194 | | | | | | |
| BDFB | Brasilia | 40.57 | 123 | P | P | 23 59 55.3 | +0.2 |
| BDFB | comp=Z,6.6nm,0.9s,ba=293,slow=10.0,SNR=6.3 | | | LR | LR | 00 18 10.3 | |
| BDFB | Brasilia | 40.57 | 123 | P | P | 23 59 54.2 | -0.9 |
| BDFB | comp=Z,6um,18.0s,ba=308,slow=38 | | | pmax | pmax | | |
| BDFB | Brasilia | 40.57 | 123 | P | P | 23 59 54.2 | -0.9 |
| BDFB | comp=Z,21nm,1.1s | | | MLR | MLR | | |
| BDFB | Brasilia | 40.57 | 123 | P | P | 23 59 54.2 | -0.9 |
| BDFB | comp=Z,8um,22.0s | | | IAMS_20 | IAMS_20 | 00 17 28.4 | |
| W13A | Hualapai Mount | 40.60 | 319 | IAMS_20 | IAMS_20 | 00 17 28.4 | |
| W13A | comp=Z,5um,19.0s | | | | | | |
| F61A | St Evariste | 40.60 | 12 | P | P | 23 59 54.9 | +0.1 |
| F61A | baz=198 | | | | | | |
| F61A | baz=198 | | | | | | |
| VA03 | San Esteban | 40.62 | 165 | P | P | 23 59 56.1 | +0.9 |
| SWSC | Sarn W. Stewart | 40.66 | 315 | P | P | 23 59 56.6 | +1.0 |
| SWSC | baz=123 | | | | | | |
| RMX | La Rumorosa | 40.68 | 314 | P | P | 23 59 56.5 | +0.7 |
| CPUP | Villa Florida | 40.70 | 144 | P | P | 23 59 56.2 | +0.3 |
| CPUP | comp=Z,3.8nm,0.9s,ba=341,slow=7.8,SNR=7.3 | | | LR | LR | 00 17 04.8 | |
| CPUP | Villa Florida | 40.70 | 144 | P | P | 23 59 54.1 | -1.8 |
| CPUP | comp=Z,12nm,1.1s | | | pmax | pmax | | |
| CPUP | Villa Florida | 40.70 | 144 | P | P | 23 59 54.1 | -1.8 |
| G65A | Princeton | 40.72 | 16 | IAMS_20 | IAMS_20 | 00 17 00.1 | |
| G65A | comp=Z,6um,21.0s | | | | | | |
| IKP | In-Ko-Pah, Jac | 40.72 | 314 | P | P | 23 59 58.0 | +1.8 |
| IKP | baz=122,SNR=6.3 | | | | | | |
| O20A | White River Ci | 40.73 | 329 | P | P | 23 59 57.0 | +0.7 |
| O20A | baz=138,SNR=18 | | | | | | |
| O20A | White River Ci | 40.73 | 329 | IAMB | IAMB | 00 00 04.8 | |
| D41A | Chassel | 40.80 | 354 | IAMS_20 | IAMS_20 | 00 15 22.3 | |
| BC3 | Big Chukwall | 40.81 | 316 | P | P | 23 59 58.6 | +1.7 |
| BC3 | baz=124,SNR=7.8 | | | | | | |
| D55A | Sainte-Anne-du | 40.86 | 7 | P | P | 23 59 56.1 | -0.8 |
| D55A | baz=190,SNR=8.9 | | | | | | |
| E60A | Ste Agathe de | 40.89 | 12 | P | P | 23 59 57.1 | 0.0 |
| E60A | baz=157 | | | | | | |
| IRL | Iron Mountain | 40.89 | 317 | P | P | 23 59 59.2 | +1.8 |
| IRL | baz=125,SNR=12 | | | | | | |
| NEE2 | Needles Airpor | 40.89 | 318 | P | P | 23 59 59.2 | +1.8 |
| NEE2 | baz=125 | | | | | | |
| PEL | Peidheue | 40.94 | 165 | P | P | 23 59 58.6 | +0.8 |
| PEL | comp=Z,119nm,1.9s | | | pmax | pmax | | |
| PEL | Peidheue | 40.94 | 165 | P | P | 23 59 58.5 | +0.8 |
| PEL | comp=Z,119nm,1.9s | | | IAMB | IAMB | 00 00 46.0 | |
| D56A | ZEC Mazanza, M | 40.98 | 8 | P | P | 23 59 57.1 | -0.9 |
| D56A | baz=192 | | | | | | |
| MONP2 | Monument Peak | 41.08 | 314 | P | P | 00 00 00.1 | +0.9 |
| MONP2 | baz=122 | | | | | | |
| F64A | Sherman | 41.12 | 15 | P | P | 23 59 59.0 | -0.1 |
| F64A | baz=201 | | | | | | |
| F64A | Sherman | 41.12 | 15 | P | P | 23 59 59.8 | +0.7 |
| F64A | comp=Z,6um,18.0s | | | IAMS_20 | IAMS_20 | 00 19 41.8 | |
| BAR | Barrett | 41.14 | 314 | P | P | 00 00 00.9 | +1.3 |
| BAR | comp=Z,4um,19.0s | | | IAMS_20 | IAMS_20 | 00 16 32.1 | |
| E61A | Lac Etchemin | 41.15 | 13 | P | P | 00 00 00.0 | +0.7 |
| E61A | baz=198 | | | | | | |
| D58A | Chemin du LacG | 41.32 | 10 | P | P | 00 00 00.5 | -0.2 |
| D58A | baz=194 | | | | | | |
| BELC | Belle Mtn, Jos | 41.38 | 316 | P | P | 00 00 03.3 | +1.6 |
| BELC | baz=124,SNR=10 | | | | | | |
| RWWY | Rawlins | 41.41 | 332 | IAMB | IAMB | 00 00 04.5 | |
| RWWY | comp=Z,70nm,1.1s | | | | | | |
| TPFO | Pinon Flats | 41.48 | 315 | P | P | 00 00 02.8 | +0.4 |
| TPFO | baz=123,SNR=6.1 | | | | | | |
| XPFO | Pion Flat | 41.49 | 315 | IAMS_20 | IAMS_20 | 00 16 33.9 | |
| XPFO | comp=Z,5um,21.0s | | | | | | |
| PFO | Pinon Flats O | 41.49 | 315 | P | P | 00 00 03.1 | +0.6 |
| PFO | baz=123,SNR=5.1 | | | | | | |
| PFO | Pinon Flats O | 41.49 | 315 | P | P | 00 00 04.4 | +1.9 |
| PFO | comp=Z,48nm,1.3s | | | pmax | pmax | | |
| PFO | Pinon Flats O | 41.49 | 315 | P | P | 00 00 04.0 | +1.5 |
| PFO | comp=Z,6um,22.0s | | | IAMS_20 | IAMS_20 | 00 16 23.1 | |
| D60A | Saint Jean D'O | 41.51 | 12 | P | P | 00 00 02.3 | 0.0 |
| D60A | baz=197 | | | | | | |
| 109C | Camp Elliot, M | 41.56 | 314 | P | P | 00 00 04.0 | +1.1 |
| 109C | baz=122 | | | | | | |
| 109C | Camp Elliot, M | 41.56 | 314 | P | P | 00 00 04.1 | +1.1 |
| GMRC | Granite Mounta | 41.59 | 317 | P | P | 00 00 05.1 | +1.8 |
| GMRC | baz=125,SNR=7.7 | | | | | | |
| LATQ | La Tuque | 41.62 | 10 | P | P | 00 00 02.7 | -0.4 |
| LATQ | baz=194 | | | | | | |
| E63A | Oxbow | 41.62 | 15 | P | P | 00 00 03.3 | +0.1 |
| E63A | baz=201 | | | | | | |

| | | | | | | | |
|------|-------------------|---------|-----|---------|---------|------------|------|
| E63A | Oxbow | 41.62 | 15 | P | P | 00 00 03.4 | +0.2 |
| E63A | comp=Z,6um,18.0s | | | IAMS_20 | IAMS_20 | 00 20 08.1 | |
| TMUT | Trail Mountain | 41.71 | 326 | P | P | 00 00 04.8 | +0.3 |
| E64A | Brigewarner | 41.77 | 17 | P | P | 00 00 04.5 | +0.1 |
| E64A | baz=202 | | | | | | |
| K22A | Casper | 41.85 | 333 | P | P | 00 00 05.9 | +0.4 |
| K22A | baz=142,SNR=13 | | | IAMS_20 | IAMS_20 | 00 18 58.6 | |
| K22A | Casper | 41.85 | 333 | IAMS_20 | IAMS_20 | 00 18 58.6 | |
| K22A | comp=Z,6um,22.0s | | | | | | |
| D61A | St Aubert, Com | 41.94 | 13 | P | P | 00 00 06.1 | +0.3 |
| D61A | baz=198 | | | | | | |
| PQI | Presque Isle | 41.95 | 15 | P | P | 00 00 04.9 | -1.0 |
| PQI | comp=Z,141nm,1.6s | | | IAMB | IAMB | 00 00 28.5 | |
| PQI | comp=Z,141nm,1.6s | | | IAMS_20 | IAMS_20 | 00 18 59.9 | |
| MURC | Murieta | 42.00 | 315 | P | P | 00 00 08.0 | +1.4 |
| MURC | comp=Z,5um,19.0s | | | | | | |
| RSSD | Black Hills | 42.01 | 337 | P | P | 00 00 07.2 | +0.6 |
| RSSD | baz=147 | | | | | | |
| RSSD | Black Hills | 42.01 | 337 | P | P | 00 00 07.3 | +0.6 |
| RSSD | comp=Z,39nm,1.1s | | | pmax | pmax | | |
| RSSD | Black Hills | 42.01 | 337 | P | P | 00 00 07.3 | +0.6 |
| RSSD | comp=Z,6um,22.0s | | | MLR | MLR | | |
| RSSD | Black Hills | 42.01 | 337 | P | P | 00 00 07.3 | +0.6 |
| RSSD | comp=Z,6um,22.0s | | | IAMS_20 | IAMS_20 | 00 20 13.5 | |
| EYMN | Ely | 42.06 | 351 | P | P | 00 00 04.5 | -2.3 |
| EYMN | baz=166,SNR=9.8 | | | | | | |
| HEC | Hector,Ludlow | 42.08 | 317 | P | P | 00 00 08.5 | +1.3 |
| HEC | baz=124,SNR=13 | | | | | | |
| D62A | Allapoint, All | 42.09 | 14 | P | P | 00 00 06.8 | -0.2 |
| D62A | baz=200 | | | | | | |
| D62A | Allapoint, All | 42.09 | 14 | IAMB | IAMB | 00 00 25.3 | |
| D62A | comp=Z,7um,18.0s | | | IAMS_20 | IAMS_20 | 00 19 57.7 | |
| LMN | Caledonia Moun | 42.12 | 18 | P | P | 00 00 07.9 | +0.5 |
| LMN | comp=Z,127nm,1.4s | | | IAMB | IAMB | 00 00 23.4 | |
| LMN | comp=Z,6um,20.0s | | | IAMS_20 | IAMS_20 | 00 19 02.3 | |
| BBRC | Big Bear Solar | 42.16 | 316 | P | P | 00 00 09.3 | +1.2 |
| BBRC | baz=129 | | | | | | |
| D63A | Stockholm | 42.27 | 15 | P | P | 00 00 09.0 | +0.5 |
| D63A | baz=201 | | | | | | |
| SHPR | Sheep Range | 42.27 | 320 | IAMS_20 | IAMS_20 | 00 20 25.6 | |
| SHPR | comp=Z,5um,20.0s | | | | | | |
| D32A | Dogwood Acres | 42.41 | 345 | IAMB | IAMB | 00 00 16.2 | |
| D32A | comp=Z,120nm,1.2s | | | | | | |
| GSC | Goldstone, Bar | 42.66 | 317 | P | P | 00 00 13.0 | +1.0 |
| GSC | baz=124,SNR=11 | | | | | | |
| GSC | Goldstone, Bar | 42.66 | 317 | IAMS_20 | IAMS_20 | 00 18 35.1 | |
| BFSO | Mount Baldy Ra | 42.67 | 315 | P | P | 00 00 13.1 | +0.9 |
| BFSO | baz=122 | | | | | | |
| LSQQ | Lebel-sur-Quev | 42.71 | 5 | P | P | 00 00 10.3 | -1.7 |
| LSQQ | baz=188 | | | | | | |
| PRN | Pahroc Range | 42.75 | 321 | IAMS_20 | IAMS_20 | 00 18 12.2 | |
| PRN | comp=Z,7um,19.0s | | | | | | |
| FMP | Fort Macarthur | 42.84 | 314 | P | P | 00 00 14.4 | +1.1 |
| FMP | baz=121 | | | | | | |
| MWC | Mount Wilson | 42.94 | 315 | P | P | 00 00 15.6 | +1.2 |
| MWC | comp=Z,92nm,1.7s | | | pmax | pmax | | |
| MWC | Mount Wilson | 42.94 | 315 | P | P | 00 00 15.6 | +1.2 |
| MWC | comp=Z,18um,18.0s | | | MLR | MLR | | |
| PASC | Padadena Art C | 43.00</ | | | | | |

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like A21K Barrow, SHEL Horse Pasture, ANM Nome, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like MAK Mak, MAK Mak, MAK Mak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CD2 Chengdu, POO Poona, GYA Guiyang, MTN Mantion Dam, etc.

NEIC 27 00:11:06.8:1.4, 56:3S:0.3:150:8W:0.2, h10km, 1km, mb4.8/12, Error ellipse: s-maj=46.5km s-min=10.5km az=196.0

IDC 27 00:11:06.0:6.0, 56:71S:1.50:81W, h0km, mb4.0/6, mb1.4/1.6, mb1mx4.0/2.2, mbtmp4.0/6, Error ellipse: s-maj=42.5km s-min=22.6km az=9.0

ISC 27 00:11:07.4:0.7, 56:55S:0.2:150:9W:0.1, h10km, n37, a1500/25, mb4.5/12, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODZ Otahua Downs, SFZ Birch Farm, BSWZ Blackbirch Sta, H03S2 Juan Fernandez, etc.

NNC 27 00:15:18.2:6.9, 37:07N:70:44E, h0km, mb3.6, mpv3.3,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, TKM2 Tokmak 2, etc.

NNC 27 00:39:56.4:2.7, 39:09N:75:23E, h0km, mb3.5, mpv3.0, Error ellipse: s-maj=21.7km s-min=17.4km az=108.0

KRNET 27 00:40:01.2, 39:22N:75:53E, mb2.4

ISC 27 00:40:03.9:2.1, 39:22N:0.1:75:55E:0.08, h10km, n23, a1502/30, 14C-4D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFK Sufi-Kurgan, OFH Osh, ARLS Aral, ARSB Arslanbob, DRK Karamyk, etc.

IDC 27 00:52:58.3:3.9, 37:1S:131:82E, h0km, mb3.4/2, mb1.3/6.4, mb1mx3.4/4.1, mbtmp3.5/4, ML3.7/2, Error ellipse: s-maj=277.9km s-min=28.0km az=74.0, Irian Jaya region

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

KRSC 27 00:56:05.0:1.8, 51:16N:154:16E, h489km, 22km, ML3.8

IDC 27 00:56:05.9:2.6, 52:26N:153:10E, h437km, 20km, mb2.7/5, mb1.3/0.6, mb1mx2.6/4.9, mbtmp3.6/6, Error ellipse: s-maj=67.1km s-min=27.8km az=176.0

ISC 27 00:56:09.0:2.1, 51:38N:0.2:154:4E:0.2, h450km, n23, a1502/26, mb3.0/5, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MIPR Malaya Ipe'ka, ASAK Asch, KDRT Khodutka, GRL Gorelyy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMAR Somma, NLC Nalytchevo, SPN Nys Shchipunski, TUMR Tumrok, etc.

IDC 27 01:04:40.9:16.0, 17:55S:178:55W, h524km, 194km, mb3.0/6, mb1.3/3.6, mb1mx3.0/3.0, mbtmp3.8/6, Error ellipse: s-maj=105.6km s-min=49.0km az=169.0

ISC 27 01:04:42.7:1.5, 17:65S:178:6W:0.4, h547km, n7, a0527/17, mb3.4/6, Fiji Islands region

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.

DJA 27 02:00:42.8:0.8, 6:54S:10:4E, h21km, 6km, M4, 7/9, mb5.5/1, mb4.6/6, MLv4.8/9, Mw(MB)5.0/1

NEIC 27 02:00:42.9:1.1, 5:53S:0.0:7:103:91E:0.07, h68km, 5km, mb4.7/51, Error ellipse: s-maj=12.1km s-min=8.4km az=217.0

IDC 27 02:00:49.3:1.9, 5:52S:104:10E, h119km, 16km, mb4.2/25, mb1.4/3.2, mb1mx4.1/4.6, mbtmp4.6/27, MS3.4/3, Ms1.3/4.3, ms1mx3.0/3.8, Error ellipse: s-maj=15.0km mb1.9=6.8km az=42.0

ISC 27 02:00:42.9:0.8, 5:56S:103:89E:0.05, h67km, 7km, n173, a1930/167, mb4.7/53, 4C-11D, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, LWLI Liwa, KLSI Bandar Lampung, BLSI Bandar Lampung, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NU2, BBOO, LZH, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DEV, DRGR, MDRV, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like UTHA, GUN, PKI, etc.

TRN 27 02:04:19.2, 19.41N-64.49W, h68km, MD4.6
NEIC 27 02:04:20.0, 19.11N-0.06-64.39W, 0.05, h17km, 5km,
Error ellipse: s-maj=8.6km s-min=6.7km az=197.0
RSPR 27 02:04:21.8, 19.21N-64.33W, h32km, 24km, MD3.8/12
IDC 27 02:04:22.9, 19.05N-64.41W, h38km, 40km, mb3.5/9,
mb1.3/5.2, mb1mx3.6/4.0, mbmp3.9/12, ML3.4/3, MS3.5/2,
Ms1.3/5.2, ms1mx2.8/3.5, Error ellipse: s-maj=25.6km
s-min=16.3km az=48.0
ISC 27 02:04:23.6, 1.1, 13.05N, 0.06-64.48W, 0.04, h43km, 13km,
az=227.1, 171/123, mb3.9/10, 14C, Virgin Islands

27D 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MTP Monte Pirata, CBYP Canovanas, and various other call signs.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like W57A Gilead, TIGA Tifton, T59A Double "B" Far, and various other call signs.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like N54J Moraine State, I61A Oroboro, Fairl, K57A Scipio Center, and various other call signs.

27d 5h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 26.17 125 T, WAKE ISLAND Hy 26.18 125 T, etc.

IDC 27 03:31:33.8.2.4.57:33S.150.99W.h0km,mb3.6/2, mb1 3.8/2,mb1mx3.5/2,mbtmp3.6/2, Error ellipse: s-maj=419.7km s-min=32.4km az=10.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Paso Flores 52.08 108 P, Juan Fernandez 52.79 96 T, etc.

IDC 27 03:43:45.70.9.6:49N.73.35W,h133km,mb2.9/2, mb1 3.3/4,mb1mx2.9/30,mbtmp3.6/4, Error ellipse: s-maj=37.3km s-min=8.1km az=132.0,

RSNC 27 03:43:46.3.1.6:54N.73.51W,h111km,8km,ML2.8 ISC 27 03:43:44.9.0.9:6.58N.103.73.50W.0.03,h121km,7km,

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara 0.32 87 I/P, BARRC Barranca, Sant 0.57 338 eP, etc.

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OTT 27 03:46:30.4.0.8.32:83N-63:36W,h18km,ML4.7/3, Atlantic Ocean. 1226km south from Shelburne, Ns,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HAL Halifax 11.79 359 SN, Saint George 12.57 349 SN, etc.

IDC 27 04:06:49.4.5.9.56:69S.151.52W.h0km,mb3.4/2, mb1 3.7/2,mb1mx3.5/13,mbtmp3.4/2, Error ellipse: s-maj=919.5km s-min=110.3km az=175.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Juan Fernandez 53.16 97 T, Alice Springs 62.13 269 P, etc.

MEX 27 04:29:58.8.0.8.16:67N.95:18W,h91km,8km,MD4.0, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero 0.51 34 I/P, HUIG Huatulco 1.26 225 eP, etc.

IDC 27 04:58:26.7.1.0.6:74N-82:67W,h0km,mb3.8/6, mb1 4.2/10,mb1mx3.9/29,mbtmp4.0/10,ML3.9/3,MS3.5/11,

UPA 27 04:58:26.5.1.4.6:66N-82:37W,h10km,22km,MW4.4 UCR 27 04:58:28.1.1.9.6:72N-82:45W,h32km,79km,MW4.4,

NEIC 27 04:58:29.1.1.9.6:72N-82:45W,h32km,79km,MW4.4, mb4.5/53, Error ellipse: s-maj=21.1km s-min=11.1km az=228.0,

ISC 27 04:58:29.6.2.2.6:71N-0:05:82:34W.0:05,h19km,9km, ORKO n110.1,1662/107,mb4.4/22,MS3.7/6,2C-1D, South of Panama

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GMAL Guarumal, Vera 1.52 46 eP, CACAO El Cacao, Vera 1.60 67 eS, etc.

JTS 4.4nm,0.3s,baz=360,slow=19,SNR=1.9 JTS Las Juntas de 4.39 324 eP

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JTS Las Juntas de 4.39 324 eP, PLVR Palo Verde 4.68 321 eP, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal 8.20 103 Pn, MTO3 Montecristo 10.29 319 Pn, etc.

comp=Z,316nm,21.2s,baz=16,slow=34 SDV Santo Domingo 11.80 79 Pn

ATAH Atahualpa 14.31 164 Pn 0.1nm,0.3s,baz=0,slow=15,SNR=2.8

CMIG Matias Romero 16.02 311 Pn 0.2nm,0.3s,baz=107,slow=9.1,SNR=4.2

NNA Nana 19.36 164 P 0.9nm,0.3s,baz=354,slow=10,SNR=2.5

TIGA Titton 24.63 357 P 24.63 129 P 25.24 355 P

LPAZ Lakeview Ridge 26.55 351 P 26.59 358 P

833A Chaparral WMA, 26.85 325 P 27.92 353 P

MINMC Minye Minye 28.59 154 P 29.18 353 P

GOO1 Chuzmiza 29.24 154 P 29.27 353 P

TXAR Lajitas Array 30.18 321 P 30.18 321 P

SOCCORRO T-PHASO 29 296 T 29 296 T

LCAR Lake Charles 30.32 346 Iamb 30.32 346 Iamb

WCI Wyandotte Cave 31.58 354 P 31.58 354 P

ANMO Albuquerque 35.81 325 P 35.81 325 P

X16A Mesa Verde 38.49 320 P 38.59 326 P

PV18 Silver Mesa, Pa 39.55 326 P 40.61 123 LR

MPU Mesa Verde 42.30 326 P 42.30 326 P

ELK Elko 44.84 324 P 44.84 324 P

NVAR Mina Array Bea 45.31 320 P 45.31 320 P

YLK Yellowknife Ar 60.48 343 P 60.48 343 P

ILAR Eielson Array 73.27 336 P 73.27 336 P

ILAR Eielson Array 73.27 336 P 73.27 336 P

TORD Torodi Ar. Bea 82.72 78 LR 82.72 78 LR

ASAR Alice Springs 141.33 240 PKPc 141.33 240 PKPc

WRA Warrunguna Arr 142.06 246 PKPc 142.06 246 PKPc

IDC 27 05:20:40.5.1.5.55:27N.35:37W,h0km,mb3.5/4, mb1 3.7/4,mb1mx3.3/32,mbtmp3.5/4, Error ellipse: s-maj=64.3km s-min=26.8km az=43.0, Reykjanes Ridge

YKA Yellowknife Ar 39.11 314 P 39.11 314 P

ILAR Eielson Array 49.38 328 P 49.38 328 P

TORD Torodi Ar. Bea 50.94 131 P 50.94 131 P

MKAR Makanchi Array 65.58 42 P 65.58 42 P

ASAR Alice Springs 147.48 18 PKPbc 147.48 18 PKPbc

IDC 27 05:21:07.9.1.6.55:32N.35:37W,h0km,mb3.5/4, mb1 3.7/4,mb1mx3.4/32,mbtmp3.5/4, Error ellipse: s-maj=68.5km s-min=28.0km az=39.0, Reykjanes Ridge

YKA Yellowknife Ar 39.08 314 P 39.08 314 P

ILAR Eielson Array 49.34 328 P 49.34 328 P

ASAR Alice Springs 147.48 18 PKPbc 147.48 18 PKPbc

IDC 27 05:27:47.4.0.8.55:50N.35:07W,h0km,mb3.8/12, mb1 4.0/12,mb1mx3.8/40,mbtmp3.8/12,MS3.4/13,

27d 7h

Table with columns: AAK, Ala-Archa, 6.97, 23cePN, Pn, 06 39 29.1 -0.9, etc. Lists various stations and their parameters.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists station data for Northern Algeria and Honshu regions.

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Table with columns: SUMG, SUMG, NUUG, SUMG, NUUG, etc. Lists station data for Summit, Nuugaatsiaq, and other locations.

CRAAG 27 06:48:19.6, 1.0, 36.75N, 1.98E, M12.0, MDD 27 06:48:20.9, 1.0, 36.73N, 2.03E, h0km, mb3.2/4, Error ellipse: s-maj=16.6km s-min=7.6km az=45.0, PRXIMO

IDC 27 06:48:36.5, 2.6, 38.00N, 142.37E, h0km, mb3.3/3, m1 3.4/4, mb1mx3.3/30, mmtmp3.2/4, ML2.2/1, Error ellipse: s-maj=67.7km s-min=31.6km az=57.0, JMA 27 06:48:51.5, 37.53N, 141.137E, h83km, 1km, M3.3, ISC 27 06:48:50.7, 1.2, 37.52N, 0.05, 141.44E, 0.09, h83km, 7km, n19, -c0730/31, mb3.2/3, Near east coast of eastern Honshu

IDC 27 07:18:35.2, 4.0, 17.46S, 179.01W, h551km, 19km, m2.8/4, mb1 3.0/5, mb1mx2.7/42, mmtmp3.7/5, Error ellipse: s-maj=113.9km s-min=68.2km az=157.0, Fiji Islands region

DNK 27 07:25:36.0, 4.9, 55.29N, 35.68W, h0km, 268km, mb5.1, Ms4.9, MOS 27 07:25:36.3, 1.0, 55.43N, 35.24W, h8km, mb5.3/115, MS5.0/46, Error ellipse: s-maj=6.3km s-min=4.8km az=57.8, NEIC 27 07:25:38.0, 1.2, 55.40N, 0.03, 35.2W, 0.1, h10km, mb5.3/424, Ms_20 5.2/677, Error ellipse: s-maj=12.5km s-min=4.3km az=251.0, IDC 27 07:25:37.6, 0.4, 55.48N, 35.05W, h0km, mb4.6/39, mb1 4.8/45, mb1mx4.7/47, mmtmp4.6/42, ML4.2/3, MS4.8/45, Ms1 4.8/45, ms1mx4.7/54, Error ellipse: s-maj=11.9km s-min=9.3km az=3.0, BUJ 27 07:25:38.0, 0.0, 55.50N, 35.40W, h10km, mb5.5/38, mb4.8/51, Ms5.2/35, Ms7.4/934, GCMT 27 07:25:39.0, 0.1, 55.61N, 0.01, 35.05W, 0.01, h12km, MW5.4/152, Moment Tensor Solution, s104.c158, s152.c290, Duration: 152 Moment tensor: Scale 10^17 Nm; Mn: -1.35e+02; M0: 0.05e+02; M1: 3.1e+01; M2: 0.16e+05; M3: 0.36e+01; M4: 0.17e+04; Best double couple: M1: 3.9800e-017, NP1: 10.000000, 341.000000, 1.97.000000, NP2: 200.000000, 849.000000, 1.84.000000. Principal axes: T 4.2220, Plg4.0000, Azm285.0000; N -0.0420, Plg5.0000, Azm16.0000; P -1.3740, Plg4.0000, Azm153.0000; nslat1 refers to surface waves, cutoff=40s. nslat2 refers to surface waves, cutoff=50s. Triangular moment-rate function

| | | | | | | | |
|-------|-------------------------------------------|-------|-----|-----|---------|------------|------|
| LIS | comp=Z,150nm,1.5s | 24.20 | 123 | eP | P | 07 30 55.0 | -0.2 |
| LIS | Lisbon | 24.20 | 123 | eP | P | 07 30 55.3 | +0.1 |
| F61A | comp=Z,146nm,1.5s | 24.28 | 262 | P | P | 07 30 56.6 | +0.7 |
| F61A | St Evariste | 24.28 | 262 | P | P | 07 30 56.6 | +0.7 |
| E60A | Ste Agathe de | 24.31 | 263 | P | P | 07 30 56.8 | +0.7 |
| E60A | baz=55,SNR=12 | 24.31 | 263 | P | P | 07 30 56.8 | +0.7 |
| PMTG | Montargil | 24.37 | 121 | eP | P | 07 30 56.9 | +0.1 |
| PMTG | comp=Z,183nm,1.5s | 24.37 | 121 | eP | P | 07 30 56.9 | +0.1 |
| WVL | Waternville | 24.39 | 258 | P | Iamb | 07 31 56.5 | -0.3 |
| WVL | comp=Z,135nm,1.8s | 24.39 | 258 | P | Iamb | 07 31 56.5 | -0.3 |
| WVL | comp=Z,5um,19.0s | 24.40 | 57 | P | IAMS_20 | 07 39 38.2 | |
| NC204 | NORSAR Array S | 24.40 | 57 | P | P | 07 30 57.5 | +0.6 |
| NB000 | NORSAR Array S | 24.44 | 58 | P | P | 07 30 55.3 | -1.9 |
| DOU | Dourbes | 24.45 | 86 | P | P | 07 30 57.3 | -0.1 |
| DOU | DOU | 24.45 | 86 | P | P | 07 31 05.0 | |
| BMRD | Maredsous | 24.45 | 85 | P | x | 07 30 58.5 | +1.1 |
| BMRD | BMRD | 24.45 | 85 | P | x | 07 31 07.0 | |
| TULEG | Thule | 24.46 | 342 | P | P | 07 30 57.9 | +0.6 |
| TULEG | comp=Z,133nm,1.6s | 24.46 | 342 | P | Iamb | 07 31 03.3 | |
| TULEG | Thule | 24.46 | 342 | iP | P | 07 30 58.9 | +1.6 |
| TULEG | comp=Z,130nm,1.6s | 24.46 | 342 | iP | Iamb | 07 31 03.3 | |
| TULEG | comp=Z,3um,19.6s | 24.47 | 260 | P | IAMS_20 | 07 39 27.2 | |
| G62A | West of Eustis | 24.47 | 260 | P | P | 07 30 57.9 | +0.2 |
| G62A | baz=52,SNR=7.8 | 24.47 | 260 | P | P | 07 30 57.9 | +0.2 |
| G62A | West of Eustis | 24.47 | 260 | P | Iamb | 07 30 58.1 | +0.4 |
| G62A | comp=Z,66nm,0.9s | 24.47 | 260 | P | Iamb | 07 31 04.9 | |
| G62A | comp=Z,6um,18.0s | 24.49 | 267 | P | IAMS_20 | 07 39 30.4 | |
| LATQ | La Tuque | 24.49 | 267 | P | P | 07 30 58.4 | +0.6 |
| LATQ | baz=57,SNR=5.1 | 24.49 | 267 | P | P | 07 30 58.4 | +0.6 |
| PMRV | Mary?7 | 24.51 | 119 | eP | P | 07 30 58.7 | +0.7 |
| PMRV | comp=Z,124nm,1.7s | 24.51 | 119 | eP | P | 07 30 58.7 | +0.7 |
| PMRV | PMRV | 24.51 | 119 | eS | S | 07 35 26.2 | +8.0 |
| PMRV | PMRV | 24.51 | 119 | eLR | LR | 07 36 44.1 | |
| H63A | New Sharon | 24.54 | 259 | P | P | 07 30 58.9 | +0.7 |
| MUD | Monsted U'grnd | 24.58 | 69 | iP | MLR | 07 31 00.7 | +2.3 |
| MUD | MUD | 24.58 | 69 | iP | MLR | 07 31 00.7 | +2.3 |
| MUD | comp=Z,3um,16.0s | 24.58 | 69 | iP | P | 07 31 00.7 | +2.3 |
| MUD | Monsted U'grnd | 24.58 | 69 | iP | P | 07 30 58.8 | +0.3 |
| MUD | comp=Z,3um,16.0s | 24.58 | 69 | iP | P | 07 31 00.8 | +2.3 |
| MUD | Monsted U'grnd | 24.58 | 69 | iP | P | 07 31 01.2 | |
| MUD | comp=Z,89nm,1.3s | 24.58 | 69 | iP | Iamb | 07 31 01.2 | |
| MUD | comp=Z,3um,15.6s | 24.59 | 85 | P | IAMS_20 | 07 39 33.5 | |
| BE05 | Gesveve | 24.59 | 85 | P | P | 07 30 59.4 | +0.7 |
| NB2 | NORSAR Subarra | 24.65 | 58 | P | P | 07 30 58.0 | -1.2 |
| NB2 | comp=Z,755nm,3.3s,baz=279,slow=10 | 24.65 | 58 | P | P | 07 30 58.0 | -1.2 |
| NB2 | NORSAR Subarra | 24.65 | 58 | P | P | 07 30 58.0 | -1.2 |
| NB2 | baz=279,slow=10 | 24.65 | 58 | P | P | 07 30 58.0 | -1.2 |
| NOA | NORSAR Array B | 24.65 | 58 | P | P | 07 30 58.2 | -1.0 |
| NOA | comp=Z,5.1nm,0.9s,baz=280,slow=9.8,SNR=10 | 24.65 | 58 | P | LR | 07 39 17.1 | |
| D58A | Chemin du LacG | 24.71 | 266 | P | P | 07 31 02.2 | +2.4 |
| D58A | baz=56 | 24.71 | 266 | P | P | 07 31 02.2 | +2.4 |
| BST1 | Sart Tilman | 24.77 | 84 | P | P | 07 31 01.7 | +1.4 |
| BST1 | BST1 | 24.77 | 84 | P | Pn | 07 31 01.8 | -1.4 |
| F60A | Warwick | 24.82 | 263 | P | P | 07 31 01.6 | +0.8 |
| F60A | baz=54,SNR=7.9 | 24.82 | 263 | P | P | 07 31 01.6 | +0.8 |
| PESTR | Estremoz | 24.84 | 120 | P | Iamb | 07 31 00.7 | -0.4 |
| PESTR | PESTR | 24.84 | 120 | P | Iamb | 07 31 09.8 | |
| EVO | Evora | 24.90 | 121 | eP | P | 07 31 01.9 | +0.4 |
| EVO | comp=Z,91nm,1.5s | 24.90 | 121 | eP | P | 07 31 01.9 | +0.4 |
| PNCL | Nicolau / Gran | 24.98 | 123 | eP | P | 07 31 02.8 | +0.6 |
| PNCL | comp=Z,106nm,2.0s | 24.98 | 123 | eP | P | 07 31 02.8 | +0.6 |
| G61A | St-Isidore-de- | 24.99 | 261 | P | P | 07 31 03.0 | +0.7 |
| G61A | baz=53 | 24.99 | 261 | P | P | 07 31 03.0 | +0.7 |
| MEM | Mernbach | 25.01 | 84 | P | P | 07 31 02.9 | +0.5 |
| BTNL | Ternell | 25.09 | 84 | P | P | 07 31 03.0 | -0.2 |
| BTNL | BTNL | 25.09 | 84 | P | x | 07 31 25.2 | |
| H62A | Milan | 25.22 | 260 | P | x | 07 31 06.4 | +2.1 |
| H62A | baz=52 | 25.22 | 260 | P | x | 07 31 06.4 | +2.1 |
| H62A | comp=Z,7um,18.0s | 25.22 | 260 | P | IAMS_20 | 07 40 12.1 | |
| I63A | Otisfield | 25.23 | 258 | P | P | 07 31 05.6 | +1.2 |
| I63A | Otisfield | 25.23 | 258 | P | P | 07 40 12.3 | |
| I63A | comp=Z,5um,18.0s | 25.23 | 258 | P | IAMS_20 | 07 40 12.3 | |
| PTEO | Sao Teotonio | 25.34 | 124 | eP | P | 07 31 07.7 | +2.2 |
| E58A | La Victoria | 25.34 | 265 | P | P | 07 31 06.4 | +0.9 |
| E58A | baz=55,SNR=28 | 25.34 | 265 | P | P | 07 31 06.4 | +0.9 |
| MESJ | Messejana | 25.34 | 123 | eP | P | 07 31 05.5 | -0.1 |
| MESJ | MESJ | 25.34 | 123 | eP | Amb | 07 31 11.1 | |
| MESJ | comp=Z,105nm,1.4s | 25.34 | 123 | eP | P | 07 31 05.4 | -0.1 |
| MESJ | Messejana | 25.34 | 123 | eP | P | 07 31 07.3 | +1.6 |
| MESJ | Saint Guillaume | 25.36 | 264 | P | P | 07 31 07.3 | +1.6 |
| PBEJ | Beja | 25.36 | 122 | eP | P | 07 31 05.8 | 0.0 |
| WLF | Walferdange | 25.54 | 86 | P | x | 07 31 07.4 | +0.2 |
| WLF | Walferdange | 25.54 | 86 | P | x | 07 31 27.1 | |
| WLF | Walferdange | 25.54 | 86 | P | Pn | 07 31 38.9 | -3.8 |
| WLF | Walferdange | 25.54 | 86 | P | Pn | 07 31 07.1 | -0.1 |
| WLF | comp=Z,67nm,1.4s | 25.54 | 86 | P | P | 07 31 07.1 | -0.1 |
| WLF | Walferdange | 25.54 | 86 | P | Iamb | 07 31 07.1 | -0.1 |
| WLF | comp=Z,4um,18.0s | 25.54 | 86 | P | MLR | 07 31 07.1 | -0.1 |
| WLF | Walferdange | 25.54 | 86 | P | Iamb | 07 31 07.1 | -0.1 |
| G60A | Masonville | 25.56 | 262 | P | P | 07 31 08.5 | +1.0 |
| G60A | baz=53,SNR=17 | 25.56 | 262 | P | P | 07 31 08.5 | +1.0 |
| MORF | Marmelete | 25.57 | 124 | eP | Amb | 07 31 07.6 | 0.0 |
| MORF | MORF | 25.57 | 124 | eP | Amb | 07 31 14.2 | |
| MORF | Marmelete | 25.57 | 124 | eP | P | 07 31 07.6 | 0.0 |
| MORF | Marmelete | 25.57 | 124 | eP | P | 07 31 09.2 | +1.6 |
| PCVE | Castro Verde | 25.59 | 123 | eP | P | 07 31 08.1 | +0.3 |
| PCVE | comp=Z,151nm,1.7s | 25.59 | 123 | eP | P | 07 31 08.1 | +0.3 |
| PVFI | Vila Bisbo | 25.62 | 125 | eP | P | 07 31 07.9 | -0.2 |
| PVFI | comp=Z,137nm,1.4s | 25.62 | 125 | eP | Iamb | 07 31 07.9 | -0.2 |
| PVFI | Vila Bisbo | 25.62 | 125 | eP | Iamb | 07 31 12.2 | |
| H61A | Lyndonville | 25.68 | 260 | P | P | 07 31 10.1 | +1.6 |
| I62A | Tamworth | 25.76 | 258 | P | P | 07 31 10.4 | +1.2 |
| I62A | baz=50 | 25.76 | 258 | P | P | 07 31 10.4 | +1.2 |
| I62A | Tamworth | 25.76 | 258 | P | IAMS_20 | 07 40 30.4 | |
| D56A | ZEC Mazanza, M | 25.80 | 268 | P | P | 07 31 10.3 | +0.7 |
| D56A | baz=56,SNR=23 | 25.80 | 268 | P | P | 07 31 10.3 | +0.7 |
| E57A | Chemin Saint G | 25.81 | 266 | P | P | 07 31 11.3 | +1.5 |
| LBNH | Lisbon | 25.86 | 260 | P | P | 07 31 12.7 | +2.5 |
| LBNH | baz=51 | 25.86 | 260 | P | P | 07 31 12.7 | +2.5 |
| LBNH | comp=Z,5um,19.0s | 25.86 | 260 | P | IAMS_20 | 07 40 23.0 | |
| PMOZ | Porto Moniz, M | 25.92 | 143 | eP | LR | 07 31 16.7 | +5.7 |
| PMOZ | comp=Z,3um,20.0s | 25.92 | 143 | eP | LR | 07 37 38.4 | |
| PMOZ | Porto Moniz, M | 25.92 | 143 | eP | P | 07 31 11.7 | +0.8 |
| PVAQ | Vaqueiros | 25.93 | 123 | eP | P | 07 31 11.0 | +0.1 |
| PVAQ | comp=Z,71nm,1.9s | 25.93 | 123 | eP | P | 07 31 11.0 | +0.1 |
| PVAQ | comp=Z,4um,20.0s | 25.93 | 123 | eP | S | 07 35 46.5 | +5.6 |
| PVAQ | Vaqueiros | 25.93 | 123 | eP | LR | 07 37 32.7 | |
| F58A | St-Lin Laurent | 25.94 | 265 | P | P | 07 31 10.6 | -0.2 |
| PBDV | Barranco-do-ve | 25.96 | 123 | eP | P | 07 31 11.7 | +0.5 |
| PAB | San Pablo | 25.96 | 115 | P | P | 07 31 09.7 | -1.6 |
| PAB | comp=Z,60nm,1.4s | 25.96 | 115 | P | P | 07 31 09.7 | -1.6 |
| PAB | San Pablo | 25.96 | 115 | P | Iamb | 07 31 09.7 | -1.6 |
| PAB | comp=Z,60nm,1.4s | 25.96 | 115 | P | Iamb | 07 31 15.7 | |
| PAB | San Pablo | 25.96 | 115 | P | IAMS_20 | 07 38 57.6 | |

| | | | | | | | |
|-------|------------------------------------------|-------|-----|---------|-----------|------------|------|
| PMPST | Porto Santo, M | 25.99 | 142 | eP | P | 07 31 16.4 | +4.9 |
| PMPST | comp=Z,286nm,1.5s | 25.99 | 142 | eP | P | 07 31 16.4 | +4.9 |
| J63A | Stratford | 26.00 | 257 | P | P | 07 31 15.8 | +4.4 |
| LSOQ | Lebel-sur-Quev | 26.00 | 273 | P | P | 07 31 13.4 | +1.9 |
| LSOQ | baz=60 | 26.00 | 273 | P | P | 07 31 13.4 | +1.9 |
| HFS | Hagfors | 26.01 | 59 | P | P | 07 31 11.3 | -0.1 |
| HFS | comp=Z,21nm,1.0s,baz=280,slow=8.9,SNR=14 | 26.01 | 59 | P | LR | 07 40 17.4 | |
| PMP5 | Porto Santo | 26.01 | 142 | eP | P | 07 31 19.3 | +7.7 |
| MATO | Matagorda | 26.03 | 275 | P | P | 07 31 12.8 | +1.1 |
| MATO | comp=Z,308nm,1.8s | 26.03 | 275 | P | P | 07 31 12.8 | +1.1 |
| ES17 | SONSECA Array | 26.04 | 114 | IAMS_20 | IAMS_20 | 07 39 11.7 | |
| ES17 | comp=Z,5um,19.0s | 26.04 | 114 | IAMS_20 | IAMS_20 | 07 39 11.7 | |
| ES18 | SONSECA Array | 26.05 | 114 | IAMS_20 | IAMS_20 | 07 39 00.9 | |
| ES18 | comp=Z,4um,19.0s | 26.05 | 114 | IAMS_20 | IAMS_20 | 07 39 00.9 | |
| ES15 | SONSECA Array | 26.06 | 114 | IAMS_20 | IAMS_20 | 07 39 01.1 | |
| ES15 | comp=Z,5um,20.0s | 26.06 | 114 | IAMS_20 | IAMS_20 | 07 39 01.1 | |
| ESB7 | Sonsec4 Array | 26.07 | 114 | P | P | 07 31 10.8 | -1.3 |
| ESB7 | comp=Z,4um,19.0s | 26.07 | 114 | P | P | 07 31 10.8 | -1.3 |
| ESDC | Sonsec4 Array | 26.07 | 114 | P | P | 07 31 11.9 | -0.3 |
| ESDC | comp=Z,27nm,1.1s,baz=314,slow=8.2,SNR=42 | 26.07 | 114 | P | LR | 07 39 32.0 | |
| ESDC | comp=Z,4um,18.6s,baz=315,slow=32 | 26.07 | 114 | P | P | 07 31 11.8 | -0.4 |
| ESDC | Sonsec4 Array | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES14 | SONSECA Array | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES14 | comp=Z,5um,19.0s | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES06 | SONSECA Array | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 00.5 | |
| ES06 | comp=Z,4um,19.0s | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES08 | SONSECA Array | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES08 | comp=Z,5um,19.0s | 26.07 | 114 | IAMS_20 | IAMS_20 | 07 39 12.5 | |
| ES01 | SONSECA Array | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.7 | |
| ES01 | comp=Z,5um,19.0s | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.7 | |
| ES05 | SONSECA Array | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.7 | |
| ES05 | comp=Z,4um,19.0s | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.7 | |
| ES19 | SONSECA Array | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.7 | |
| ES19 | comp=Z,5um,19.0s | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.8 | |
| ES13 | SONSECA Array | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.8 | |
| ES13 | comp=Z,5um,18.0s | 26.08 | 114 | IAMS_20 | IAMS_20 | 07 39 12.9 | |
| ES03 | SONSECA Array | 26.09 | 114 | IAMS_20 | IAMS_20 | 07 39 12.9 | |
| ES03 | comp=Z,5um,19.0s | 26.09 | 114 | IAMS_20 | IAMS_20</ | | |

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| | | | | |
|-------|-----------------------------------------------------------|-----------|---------|---------------------------------------------------------------------------|
| R55A | comp=Z,29nm,1.1s | IAMs_20 | IAMs_20 | 07 45 36.7 |
| T58A | comp=Z,5um,18.0s Grand View Acr baz=44 | 34.49 256 | P | P 07 32 25.4 -1.3 |
| U59A | Littleton baz=43,SNR=9.4 | 34.52 254 | P | P 07 32 29.1 +2.2 |
| U59A | Littleton | 34.52 254 | P | IAMB IAMB 07 32 26.9 +0.1 07 32 34.9 |
| U59A | comp=Z,33nm,1.1s | IAMs_20 | IAMs_20 | 07 45 35.3 |
| CRVS | comp=Z,3um,20.0s Cervenica-Dubn | 34.54 77 | eP | P 07 32 28.4 +1.5 |
| CRVS | comp=Z,90nm,1.5s Cervenica-Dubn | 34.54 77 | eP | P 07 32 28.4 +1.5 |
| CRVS | Natural Bridge baz=44 | 34.54 258 | P | L 07 32 26.7 -0.4 |
| P52A | Corning baz=47,SNR=10 | 34.62 263 | P | P 07 32 29.6 +1.9 |
| P52A | Corning | 34.62 263 | P | IAMB IAMB 07 32 27.2 -0.6 07 32 35.8 |
| P52A | comp=Z,45nm,1.2s | IAMs_20 | IAMs_20 | 07 45 14.9 |
| V60A | comp=Z,4um,21.0s Jim Taylor Roa baz=42 | 34.66 253 | P | P 07 32 29.6 +1.5 |
| V60A | Jim Taylor Roa | 34.66 253 | P | IAMB IAMB 07 32 27.7 -0.3 07 32 36.3 |
| V60A | comp=Z,51nm,1.1s | IAMs_20 | IAMs_20 | 07 46 20.1 |
| V60A | comp=Z,4um,19.0s ACS0 Alum Creek Sta baz=48,SNR=9.1 | 34.70 264 | P | P 07 32 30.7 +2.3 |
| ACS0 | Alum Creek Sta | 34.70 264 | P | IAMB IAMB 07 32 27.6 -0.8 07 32 36.3 |
| ACS0 | comp=Z,43nm,1.0s | IAMs_20 | IAMs_20 | 07 45 24.9 |
| EYMN | comp=Z,6um,19.0s Ely baz=56,SNR=8.4 | 34.78 282 | P | P 07 32 30.2 +1.1 |
| EYMN | Ely | 34.78 282 | P | IAMB IAMB 07 32 29.0 -0.1 07 32 36.5 |
| EYMN | comp=Z,44nm,1.1s Ely | 34.78 282 | IAMs_20 | IAMs_20 07 45 23.8 |
| Q53A | comp=Z,4um,18.0s Leroy baz=46 | 34.81 261 | P | P 07 32 31.7 +2.3 |
| T57A | Hurt baz=44,SNR=8.0 | 34.85 257 | P | P 07 32 32.5 +2.7 |
| T57A | Hurt | 34.85 257 | P | IAMB IAMB 07 32 30.3 +0.6 07 32 35.3 |
| T57A | comp=Z,57nm,1.6s | IAMs_20 | IAMs_20 | 07 45 58.2 |
| U58A | comp=Z,3um,18.0s Oxford | 34.90 255 | P | P 07 32 32.1 +2.0 |
| N49A | comp=Z,4um,18.0s Columbus Grove baz=43,SNR=11 | 34.92 266 | P | P 07 32 30.2 -0.1 |
| W61A | Columbus Grove | 34.92 266 | P | IAMB IAMB 07 32 31.2 +0.6 |
| KOLS | Kolonick sedl baz=41 | 34.97 76 | eP | pmax 07 32 31.0 +0.3 |
| KOLS | Kolonick sedl | 34.97 76 | eP | pmax 07 32 31.0 +0.3 07 32 36.6 |
| KOLS | comp=Z,31nm,1.5s Kolonick sedl | 34.97 76 | eP | L 07 32 31.0 +0.3 07 47 05.5 |
| R54A | Victor baz=45 | 34.98 260 | P | P 07 32 32.6 +1.8 |
| UZH | Uzhgorod | 35.15 77 | eP | P 07 32 31.6 -0.6 07 32 33.3 07 32 38.1 07 33 51.1 07 35 03.1 |
| UZH | | | | 07 38 01.7 -3.1 |
| UZH | | | | 07 32 32.0 -0.1 |
| UZH | | | | 07 43 04.0 |
| UZH | | | | 07 44 54.0 |
| MICGM | Minsk | 35.15 65 | eP | L 07 32 32.0 -0.1 07 43 04.0 |
| MICGM | Minsk | 35.15 65 | eP | LRM 07 44 54.0 |
| MN | comp=Z,3.4nm,20.0s Minsk | 35.15 65 | eP | P 07 32 32.0 -0.1 |
| Q52A | Bidwell | 35.16 262 | P | IAMB IAMB 07 32 31.8 -0.6 07 45 42.1 |
| V59A | comp=Z,5um,19.0s Middlesex baz=42,SNR=14 | 35.19 254 | P | P 07 32 35.1 +2.5 |
| P51A | Williamsport | 35.25 263 | P | IAMB IAMB 07 32 33.3 +0.1 07 45 43.3 |
| T56A | comp=Z,5um,19.0s Rocky Mt baz=44,SNR=13 | 35.26 257 | P | P 07 32 35.7 +2.4 |
| U57A | Blanch baz=43,SNR=21 | 35.31 256 | P | P 07 32 36.1 +2.4 |
| BLA | Blacksburg | 35.35 258 | P | P 07 32 35.9 +1.8 |
| BLA | Blacksburg | 35.35 258 | P | pmax 07 32 33.5 -0.6 |
| BLA | comp=Z,65nm,1.5s | IAMs_20 | IAMs_20 | 07 46 13.3 |
| BLA | comp=Z,5um,18.0s Blacksburg | 35.35 258 | P | IAMB IAMB 07 32 33.5 -0.6 07 32 42.6 |
| BLA | comp=Z,65nm,1.5s | IAMs_20 | IAMs_20 | 07 46 13.3 |
| PAOL | comp=Z,5um,18.0s Paolis | 35.37 93 | IAMs_20 | IAMs_20 07 46 31.0 |
| CNCC | comp=Z,4um,19.0s Cliffs of the | 35.39 253 | P | P 07 32 36.8 +2.4 |
| CNCC | Cliffs of the | 35.39 253 | P | IAMB IAMB 07 32 33.6 -0.8 07 32 42.6 |
| CNCC | comp=Z,49nm,1.2s | IAMs_20 | IAMs_20 | 07 46 42.5 |
| L46A | comp=Z,4um,19.0s Eue Claire | 35.41 269 | P | IAMB IAMB 07 32 34.2 -0.3 07 32 42.3 |
| R53A | comp=Z,46nm,1.3s Hurricane | 35.41 261 | P | IAMB IAMB 07 32 34.0 -0.6 07 32 42.9 |
| S54A | comp=Z,48nm,1.1s Dingess, Beckl baz=45 | 35.43 260 | P | P 07 32 37.9 +3.2 |
| S54A | Dingess, Beckl | 35.43 260 | P | IAMB IAMB 07 32 34.8 +0.1 07 32 42.9 |
| S54A | comp=Z,56nm,1.6s | IAMs_20 | IAMs_20 | 07 46 00.4 |
| W60A | comp=Z,5um,21.0s Pink Hill | 35.43 253 | P | P 07 32 36.4 +1.7 |
| LVV | comp=Z,42,SNR=7.2 L'vov | 35.46 74 | eP | P 07 32 36.1 +1.3 07 33 51.9 07 34 14.6 |
| LVV | | | | 07 38 08.0 -1.6 |
| LVV | comp=Z,90nm,1.4s | IAMs_20 | IAMs_20 | 07 48 29.2 |
| LVV | comp=N,2um,15.0s | MLR | MLR | |
| LVV | comp=E,2um,15.0s | MLR | MLR | |
| O49A | comp=Z,2um,15.0s Covington | 35.49 265 | P | P 07 32 35.4 +0.1 07 32 43.1 |
| O49A | comp=Z,57nm,1.1s | IAMs_20 | IAMs_20 | 07 45 56.9 |
| V58A | comp=Z,4um,18.0s Windy Hill, Pi baz=42,SNR=17 | 35.65 255 | P | P 07 32 38.1 +1.5 |
| V58A | Windy Hill, Pi | 35.65 255 | P | IAMB IAMB 07 32 36.3 -0.3 07 32 45.0 |
| Q51A | comp=Z,62nm,1.2s Peebles | 35.72 263 | P | IAMB IAMB 07 32 37.1 -0.1 07 32 45.3 |
| Q51A | comp=Z,102nm,1.7s | IAMs_20 | IAMs_20 | 07 45 59.0 |
| W59A | comp=Z,5um,20.0s Clinton baz=42 | 35.75 254 | P | P 07 32 38.0 +0.6 |
| B35A | Bob, Littlefor | 35.79 284 | P | IAMB IAMB 07 32 37.5 -0.3 07 32 44.9 |
| N47A | comp=Z,62nm,1.4s Urbana | 35.80 267 | P | IAMB IAMB 07 32 38.5 +0.6 07 32 45.5 |
| N47A | comp=Z,69nm,1.3s | IAMs_20 | IAMs_20 | 07 45 59.0 |
| TMCR | comp=Z,71nm,0.9s Albert Glenn T | 35.93 252 | P | P 07 32 41.9 +2.9 |

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|-------|------------------------------------------------------|-----------|----------|-----------------------------------------|-------------------------------------------|
| ULM | baz=41 Lac du Bonnet | 35.94 288 | P | P 07 32 39.4 +0.5 | |
| ULM | comp=Z,20nm,1.0s, baz=56, slow=8.6, SNR=21 | | LR | LR 07 46 06.6 | |
| ULM | comp=Z,5um,19.2s, baz=61, slow=34 | | P | P 07 32 39.6 +0.6 | |
| ULM | Lac du Bonnet | 35.94 288 | iP | P 07 32 38.7 -0.2 | |
| ULM | Lac du Bonnet | 35.94 288 | P | IAMB IAMB 07 45 46.1 | |
| V57A | comp=Z,5um,20.0s Coltrane Farms baz=43,SNR=8.7 | 35.95 256 | P | P 07 32 40.6 +1.4 | |
| U56A | King | 35.95 257 | P | P 07 32 42.0 +2.8 | |
| U56A | King | 35.95 257 | IAMBs_20 | IAMBs_20 07 46 31.2 | |
| KEST | comp=Z,3um,19.0s Kesra | 36.12 104 | P | P 07 32 40.8 0.0 | |
| KEST | comp=Z,26nm,1.1s, baz=86, slow=2.5, SNR=8.0 | | LR | LR 07 45 44.2 | |
| KEST | comp=Z,2um,19.3s, baz=279, slow=34 | | LR | LR 07 45 44.2 | |
| KEST | Kesra | 36.12 104 | P | P 07 32 40.4 -0.3 | |
| K43A | Burlington | 36.13 272 | P | IAMB IAMB 07 32 40.4 -0.3 07 32 48.4 | |
| SIRR | comp=Z,45nm,1.1s Siria | 36.14 80 | iP | P 07 32 41.1 +0.3 | |
| P49A | Miami Univ. Ec baz=47,SNR=7.8 | 36.15 265 | P | P 07 32 42.7 +1.8 | |
| P49A | Miami Univ. Ec | 36.15 265 | P | IAMB IAMB 07 32 41.0 +0.1 07 32 50.0 | |
| P49A | comp=Z,47nm,1.3s | IAMs_20 | IAMs_20 | 07 46 18.3 | |
| L44A | comp=Z,5um,19.0s Lake County Fo baz=50 | 36.22 271 | P | P 07 32 42.7 +1.2 | |
| L44A | Lake County Fo | 36.22 271 | P | IAMB IAMB 07 32 41.2 -0.3 07 32 49.2 | |
| W58A | comp=Z,79nm,1.4s McDuffie Farm, baz=41 | 36.28 253 | P | P 07 32 42.1 +0.1 | |
| X59A | Reford | 36.29 254 | P | P 07 32 43.6 +1.5 | |
| V56A | comp=Z,2um,18.3s, baz=290, slow=38 | | P | P 07 32 42.7 -0.4 | |
| DRGR | Mocksville baz=43 | 36.40 256 | P | P 07 32 43.8 +0.5 | |
| HQIL | Hanson Quarry C | 36.42 79 | iP | P 07 32 43.0 -0.3 07 32 50.9 | |
| HQIL | | | | 07 32 50.9 | |
| Y60A | comp=Z,49nm,1.3s Bolivia | 36.49 252 | P | P 07 32 45.4 +1.5 | |
| Y60A | Bolivia | 36.49 252 | P | IAMB IAMB 07 32 43.3 -0.6 07 32 51.7 | |
| Y60A | comp=Z,86nm,1.6s | IAMs_20 | IAMs_20 | 07 47 34.7 | |
| BZS | comp=Z,4um,19.0s Buzias | 36.50 81 | iP | P 07 32 44.9 +1.1 | |
| DIVS | Divibare | 36.50 84 | P | IAMB IAMB 07 32 43.5 -0.5 07 32 46.8 | |
| P48A | comp=Z,54nm,1.5s Milroy | 36.60 265 | P | P 07 32 44.2 -0.6 | |
| P48A | | 36.60 265 | IAMB | IAMB 07 32 52.1 | |
| W57A | comp=Z,52nm,1.0s Gilead | 36.61 255 | P | P 07 32 46.8 +2.0 | |
| W57A | Gilead | 36.61 255 | P | P 07 32 44.2 -0.6 | |
| U54A | Nelsons Funny baz=44 | 36.62 259 | P | P 07 32 47.3 +2.2 | |
| U54A | Nelsons Funny | 36.62 259 | P | IAMB IAMB 07 32 43.9 -1.1 07 32 52.8 | |
| U54A | comp=Z,71nm,1.6s | IAMs_20 | IAMs_20 | 07 47 03.0 | |
| I40A | comp=Z,5um,18.0s Norwalk | 36.68 275 | P | P 07 32 44.2 -1.2 | |
| I40A | Norwalk | 36.68 275 | P | IAMB IAMB 07 46 54.1 | |
| X58A | comp=Z,6um,18.0s Rowland | 36.69 254 | P | P 07 32 47.0 +1.5 | |
| X58A | Rowland | 36.69 254 | P | IAMB IAMB 07 32 45.2 -0.3 07 32 53.9 | |
| X58A | comp=Z,85nm,1.4s | IAMs_20 | IAMs_20 | 07 46 52.9 | |
| CORL | comp=Z,3um,20.0s Corleone | 36.78 98 | P | P 07 32 46.6 +0.2 | |
| R50A | R50A | 36.79 263 | IAMB | IAMB 07 32 46.5 +0.1 07 32 54.4 | |
| R50A | comp=Z,82nm,1.5s | IAMs_20 | IAMs_20 | 07 46 31.3 | |
| M44A | comp=Z,6um,21.0s Midewin, Midewin | 36.81 270 | P | P 07 32 46.2 -0.3 07 32 54.0 | |
| S51A | comp=Z,63nm,1.4s Beattyville | 36.82 262 | P | IAMB IAMB 07 32 46.8 +0.1 07 32 54.8 | |
| S51A | comp=Z,82nm,1.7s | IAMs_20 | IAMs_20 | 07 46 45.3 | |
| FFC | comp=Z,5um,18.0s Filn Flon | 36.86 297 | IAMBs_20 | IAMBs_20 07 46 20.7 | |
| Y59A | comp=Z,4um,19.0s Loris | 36.86 253 | P | P 07 32 48.9 +2.0 | |
| Y59A | Loris | 36.86 253 | P | IAMBs_20 | IAMBs_20 07 32 46.4 -0.6 07 32 47.16.4 |
| SPIN | comp=Z,4um,20.0s Lafayette | 36.94 268 | P | P 07 32 49.3 +1.8 | |
| SPIN | Lafayette | 36.94 268 | P | IAMB IAMB 07 32 47.0 -0.5 07 32 55.4 | |
| W56A | comp=Z,76nm,1.2s Indian Trail baz=42,SNR=9.2 | 36.95 256 | P | P 07 32 49.4 +1.7 | |
| CLTB | Cattabellotta comp=Z,3um,19.0s | 36.95 98 | IAMs_20 | IAMs_20 07 46 45.1 | |
| CJR | Cluj-Napoca | 36.96 78 | iP | P 07 32 48.5 +0.7 | |
| AGMN | Agassiz Nation baz=53,SNR=16 | 37.01 285 | P | P 07 32 49.8 +1.5 | |
| AGMN | Agassiz Nation | 37.01 285 | P | IAMB IAMB 07 32 47.6 -0.5 07 32 55.7 | |
| AGMN | comp=Z,71nm,1.4s | IAMs_20 | IAMs_20 | 07 46 29.5 | |
| MDVR | comp=Z,6um,20.0s Moldovita | 37.06 82 | iP | P 07 32 49.2 +0.6 | |
| DEV | Deva | 37.06 80 | P | P 07 32 50.7 +2.1 | |
| JFWS | Jewell Farm | 37.08 274 | P | P 07 32 50.9 +2.1 | |
| JFWS | Jewell Farm | 37.08 274 | IAMBs_20 | IAMBs_20 07 47 03.8 | |
| SPMN | comp=Z,5um,18.0s Marine on St. | 37.10 279 | P | P 07 32 50.0 +1.1 | |
| SPMN | Marine on St. | 37.10 279 | P | P 07 32 48.9 -0.1 07 47 07.1 | |
| PDG | comp=Z,3um,18.0s Podgorica | 37.13 87 | IAMs_20 | IAMs_20 07 47 19.6 | |
| ARCA | comp=Z,4um,21.0s Arca | 37.16 77 | iP | P 07 32 49.8 -0.4 | |
| X57A | Johnson Farm, baz=42 | 37.17 255 | P | P 07 32 51.6 +1.9 | |
| BIRD | Birdtown, Kers | 37.24 255 | P | P 07 32 50.1 -0.1 | |
| BIRD | | | | 07 32 58.1 | |
| R49A | comp=Z,61nm,1.5s Shelbyville | 37.26 264 | P | P 07 32 50.5 +0.1 07 46 54.8 | |
| R49A | | | | 07 46 54.8 | |
| BUR08 | comp=Z,6um,20.0s Bucovina Ar. S | 37.31 76 | P | IAMB IAMB 07 32 49.7 -1.2 07 32 54.7 | |
| L42A | comp=Z,52nm,1.4s Oliver, Polo | 37.34 272 | P | IAMB IAMB 07 32 51.1 +0.2 07 32 58.7 | |
| BURAR | comp=Z,36nm,0.9s Bucovina Array | 37.34 76 | iP | P 07 32 51.6 +0.5 | |
| BURAR | Bucovina Array | 37.34 76 | P | P 07 32 49.6 -1.4 | |
| KMSC | Kings Mountain baz=42 | 37.36 257 | P | P 07 32 53.5 +2.3 | |
| KMSC | Kings Mountain | 37.36 257 | P | IAMBs_20 | IAMBs_20 07 47 24.4 |
| Y58A | comp=Z,36nm,0.9s Scranton | 37.36 254 | P | P 07 32 52.2 +1.0 | |
| Y58A | Scranton | 37.36 254 | IAMBs_20 | IAMBs_20 07 47 21.6 | |
| HERR | comp=Z,4um,20.0s Herculane | 37.39 82 | iP | P 07 32 51.3 -0.1 | |
| BLO | Bloomington | 37.42 266 | IAMBs_20 | IAMBs_20 07 47 02.0 | |
| P46A | | | | | |

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|-------|--------------------|-------|-----|---------|---------|-----------------|
| MDND | Maddock | 39.32 | 287 | IAMS_20 | IAMS_20 | 07 47 49.5 |
| FNA | Florina | 39.41 | 88 | P | P | 07 33 07.8 -0.7 |
| FNA | comp=Z,49nm,1.3s | | | Pmax | Pmax | |
| FNA | Florina | 39.41 | 88 | P | P | 07 33 07.8 -0.7 |
| C36M | Paulatuk | 39.41 | 326 | IAMS_20 | IAMS_20 | 07 48 27.3 |
| MOS | Moscow | 39.41 | 58 | eP | P | 07 33 05.5 -2.8 |
| MOS | comp=Z,72nm,1.5s | | | eS | P | 07 34 36.1 |
| MOS | comp=Z,72nm,1.5s | | | Pmax | Pmax | |
| MOS | comp=Z,600nm,15.0s | | | MLR | MLR | |
| SCIA | State Center | 39.41 | 275 | P | P | 07 33 10.9 +2.5 |
| SCIA | comp=Z,49nm,1.2s | | | | | |
| SCIA | State Center | 39.41 | 275 | IAMS_20 | IAMS_20 | 07 48 28.5 |
| 257A | Skidaway Isan | 39.56 | 253 | IAMS_20 | IAMS_20 | 07 49 39.0 |
| X51A | Calhoun | 39.74 | 259 | IAMS_20 | IAMS_20 | 07 48 45.6 |
| Y52A | comp=Z,49nm,1.9s | | | | | |
| Y52A | Libburn | 39.82 | 258 | IAMS_20 | IAMS_20 | 07 48 35.5 |
| GOGA | Godfrey | 39.82 | 257 | P | P | 07 33 13.2 +1.3 |
| GOGA | comp=Z,29nm,1.9s | | | | | |
| GOGA | Godfrey | 39.82 | 257 | P | P | 07 33 12.0 +0.1 |
| GOGA | comp=Z,42nm,1.3s | | | Pmax | Pmax | |
| GOGA | comp=Z,42nm,1.3s | | | MLR | MLR | |
| GOGA | comp=Z,29nm,1.9s | | | | | |
| GOGA | Godfrey | 39.82 | 257 | P | P | 07 33 12.0 +0.1 |
| GOGA | comp=Z,29nm,1.9s | | | | | |
| GOGA | Godfrey | 39.82 | 257 | P | P | 07 33 12.4 0.0 |
| GOGA | comp=Z,29nm,1.9s | | | | | |
| SIUC | Southern Ilin | 39.96 | 267 | P | P | 07 33 12.8 -0.2 |
| SIUC | comp=Z,97nm,1.2s | | | IAMB | IAMB | 07 33 21.4 |
| SIUC | comp=Z,97nm,1.2s | | | IAMS_20 | IAMS_20 | 07 48 42.5 |
| S44A | Carbondate | 39.99 | 267 | P | P | 07 33 13.2 -0.1 |
| S44A | comp=Z,83nm,1.1s | | | IAMB | IAMB | 07 33 21.6 |
| S44A | comp=Z,83nm,1.1s | | | IAMS_20 | IAMS_20 | 07 48 43.0 |
| V48A | Smith Brothers | 40.00 | 262 | P | P | 07 33 13.7 +0.3 |
| V48A | comp=Z,72nm,1.4s | | | IAMB | IAMB | 07 33 21.3 |
| T45A | Paducah | 40.12 | 265 | P | P | 07 33 14.3 -0.1 |
| T45A | comp=Z,56nm,0.8s | | | IAMB | IAMB | 07 33 22.4 |
| N38A | comp=Z,56nm,0.8s | | | | | |
| N38A | Joess South For | 40.16 | 274 | IAMS_20 | IAMS_20 | 07 48 50.1 |
| ECSD | EROS Data Cent | 40.17 | 280 | P | P | 07 33 15.9 +1.1 |
| ECSD | comp=Z,51nm,2.7s | | | | | |
| ECSD | EROS Data Cent | 40.17 | 280 | P | P | 07 33 15.5 +0.8 |
| ECSD | comp=Z,51nm,2.7s | | | | | |
| ECSD | EROS Data Cent | 40.17 | 280 | IAMS_20 | IAMS_20 | 07 48 43.2 |
| FPAL | Fort Payne | 40.18 | 260 | P | P | 07 33 15.2 +0.3 |
| WVT | Waverly | 40.29 | 264 | P | P | 07 33 17.0 +1.3 |
| WVT | comp=Z,36nm,1.4s | | | Pmax | Pmax | |
| WVT | Waverly | 40.29 | 264 | P | P | 07 33 17.2 +1.5 |
| WVT | comp=Z,36nm,1.4s | | | MLR | MLR | |
| WVT | Waverly | 40.29 | 264 | P | P | 07 33 17.2 +1.5 |
| WVT | comp=Z,36nm,1.4s | | | IAMS_20 | IAMS_20 | 07 48 47.9 |
| P40A | Paris | 40.33 | 271 | P | P | 07 33 15.5 -0.6 |
| 255A | Hazlehurst | 40.40 | 254 | P | P | 07 33 16.3 -0.4 |
| 255A | comp=Z,70nm,1.1s | | | IAMB | IAMB | 07 33 24.8 |
| 255A | comp=Z,70nm,1.1s | | | IAMS_20 | IAMS_20 | 07 49 36.9 |
| CFR | Carcaliu | 40.41 | 77 | P | P | 07 33 16.7 0.0 |
| FVM | French Village | 40.46 | 268 | P | P | 07 33 17.5 +0.3 |
| FVM | comp=Z,65nm,1.4s | | | Pmax | Pmax | |
| FVM | French Village | 40.46 | 268 | P | P | 07 33 17.5 +0.3 |
| FVM | comp=Z,65nm,1.4s | | | IAMB | IAMB | 07 33 24.9 |
| E28A | Huff | 40.67 | 286 | P | P | 07 33 18.6 -0.3 |
| E28A | comp=Z,51nm,2.1s | | | IAMS_20 | IAMS_20 | 07 48 30.5 |
| HENM | Henderson Moun | 40.80 | 266 | IAMS_20 | IAMS_20 | 07 48 57.5 |
| Z51A | Franklin | 40.84 | 258 | IAMS_20 | IAMS_20 | 07 49 15.7 |
| CCM | Cathedral Cave | 40.88 | 269 | P | P | 07 33 20.4 -0.2 |
| CCM | comp=Z,44nm,1.2s | | | Pmax | Pmax | |
| CCM | Cathedral Cave | 40.88 | 269 | P | P | 07 33 20.7 +0.1 |
| CCM | comp=Z,44nm,1.2s | | | | | |
| CCM | Cathedral Cave | 40.88 | 269 | P | P | 07 33 20.7 +0.1 |
| CCM | comp=Z,44nm,1.2s | | | | | |
| PARMO | Parma | 41.00 | 266 | P | P | 07 33 21.0 -0.6 |
| PARMO | comp=Z,135nm,1.7s | | | IAMB | IAMB | 07 33 28.7 |
| PARMO | comp=Z,135nm,1.7s | | | IAMS_20 | IAMS_20 | 07 49 13.7 |
| TIRR | Tirgusor | 41.02 | 78 | IAMS_20 | IAMS_20 | 07 49 28.1 |
| SUSD | Miller | 41.03 | 282 | P | P | 07 33 25.1 +3.2 |
| SUSD | comp=Z,51nm,2.2s | | | | | |
| SUSD | Miller | 41.03 | 282 | P | P | 07 33 25.1 -0.3 |
| SUSD | comp=Z,51nm,2.2s | | | IAMS_20 | IAMS_20 | 07 49 03.0 |
| X48A | Hartselle | 41.05 | 261 | P | P | 07 33 21.5 -0.6 |
| P38A | Dawn | 41.11 | 272 | P | P | 07 33 22.6 +0.1 |
| L34A | Svendsen Farm, | 41.17 | 277 | P | P | 07 33 22.9 -0.1 |
| L34A | comp=Z,43nm,1.1s | | | IAMB | IAMB | 07 33 30.2 |
| PLAL | Pickwick Lake | 41.25 | 263 | P | P | 07 33 23.1 -0.6 |
| R40A | Maddies Statio | 41.30 | 270 | P | P | 07 33 22.8 -1.3 |
| PBMO | Poplar Bluff | 41.30 | 267 | P | P | 07 33 24.5 +0.3 |
| PBMO | comp=Z,98nm,1.4s | | | IAMB | IAMB | 07 33 31.6 |
| TIGA | Tifton | 41.38 | 255 | P | P | 07 33 28.0 +3.3 |
| TIGA | comp=Z,49nm,1.5s | | | | | |
| TIGA | Tifton | 41.38 | 255 | IAMS_20 | IAMS_20 | 07 50 25.0 |
| TIGA | comp=Z,49nm,1.5s | | | | | |
| DMGT | Dagmar | 41.43 | 290 | P | P | 07 33 26.2 +1.1 |
| DMGT | comp=Z,39nm,1.9s | | | | | |
| DMGT | Dagmar | 41.43 | 290 | IAMS_20 | IAMS_20 | 07 49 04.8 |
| DMGT | comp=Z,39nm,1.9s | | | | | |
| N35A | Tabor | 41.48 | 275 | P | P | 07 33 26.1 +0.6 |
| N35A | comp=Z,49nm,1.4s | | | IAMS_20 | IAMS_20 | 07 49 44.1 |
| T42A | Van Buren | 41.50 | 268 | P | P | 07 33 25.9 +0.1 |
| T42A | comp=Z,68nm,1.5s | | | IAMB | IAMB | 07 33 33.1 |
| W45A | Hickory Valley | 41.75 | 264 | P | P | 07 33 27.2 -0.6 |
| W45A | comp=Z,68nm,1.5s | | | IAMB | IAMB | 07 33 34.8 |
| LPSR | Galich ya Gora | 41.76 | 62 | eP | P | 07 33 28.2 +0.5 |
| LPSR | comp=Z,68nm,1.1s | | | eS | P | 07 39 46.0 +1.5 |
| LPSR | comp=Z,68nm,1.1s | | | Pmax | Pmax | |
| LPSR | comp=Z,30nm,1.1s | | | | | |
| LPSR | comp=Z,30nm,1.1s | | | Smax | Smax | |
| LRAL | Lakeview Retre | 42.07 | 260 | P | P | 07 33 32.7 +2.3 |
| LRAL | comp=Z,49nm,1.5s | | | | | |
| LRAL | Lakeview Retre | 42.07 | 260 | P | P | 07 33 29.8 -0.6 |
| K31A | O'Neill | 42.08 | 280 | P | P | 07 33 30.4 -0.1 |
| K31A | comp=Z,39nm,1.9s | | | IAMS_20 | IAMS_20 | 07 49 42.9 |
| 352A | Blakely | 42.09 | 256 | IAMS_20 | IAMS_20 | 07 50 57.7 |
| MGMO | Mountain Grove | 42.09 | 269 | P | P | 07 33 30.2 -0.4 |
| MGMO | comp=Z,18nm,1.8s | | | IAMB | IAMB | 07 33 38.0 |
| MGMO | comp=Z,18nm,1.8s | | | IAMS_20 | IAMS_20 | 07 52 32.2 |
| ITM | Ithomi | 42.18 | 91 | IAMS_20 | IAMS_20 | 07 52 32.2 |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 48 53.8 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | P | P | 07 33 31.7 +0.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | 42.22 | 267 | IAMS_20 | IAMS_20 | 07 49 54.1 |
| LCAR | comp=Z,39nm,1.8s | | | | | |
| LCAR | Lake Charles | | | | | |

Table with columns for station name, frequency, power, and other technical details. Includes stations like McKenzie Canyon, Coldfoot, Arti, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Toone Canyon, Chitina, Manley, etc.

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

27d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like BRLL Bradley Lake, TX31 Lajitas Ar. Si, TX32 Lajitas Array, TXAR Lajitas Array, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like GMRC Granite Mounta, MPMC Manual Prospec, OHAK Old Harbor, CWC Cottonwood Cre, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes entries like YAK Karatay Array, KK31 Karatay Array, KK31 Karatay Array, etc.

27d 9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BESP Borongan, MSLP Maasin, CATARMAN, LAPU-LAPU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1N1 WAKE ISLAND Hy 41.03 73 T, H1N2 WAKE ISLAND Hy 41.04 73 T, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NNC 27 09:27:27.5-4.5, 37.34N-71.22E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 27 09:31:13.9-5.1, 17.92Sx178.29W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL 27 09:33:51.9, 40.30S, 177.3E, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NNZ Nelson, TCW Tory Channel, TWEZ Tuamarina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 27 09:47:08.6, 0.5, 19.50N, etc.

27d 12.9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LSP Las Mesas, LSP Las Mesas, LSP Las Mesas, etc.

27d 11h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H11S1 WAKE ISLAND Hy 18.49 88 T, H11S1 WAKE ISLAND Hy 18.50 88 T, H11S2 WAKE ISLAND Hy 18.51 88 T, etc.

IDC 27 11:04:14.5:1.3,27.26Nk:140.35E, h324km, 14km, mb3.1/8, mb1 3.3/9, mb1mx0.4/44, mbtmp3.8/9, Error ellipse: s-maj=27.5km s-min=15.8km az=81.0

JMA 27 11:04:16.0:1.2,27.58Nk:140.98E, h327km, 2km, M3.7

ISC 27 11:04:15.6:0.8,27.48Nk:140.9E, 0.2, h350km, n17, -3.09/20, mb3.2/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CBJJ Chichi jima 1.18 109 Op, CBJJ Chichijima 1.18 109 S, CBJJ Chichijima 1.18 109 S, etc.

KOLA 27 11:11:46.8,67.45N,30.45E, h0km HEL 27 11:11:47.0:0.7,67.54Nk:30.30E, h0km, ML1.7, Explosion 27 11:11:48.3:2.8,67.71Nk:30.70E, h0km, mb1 3.1/3, mb1mx2.9/42, mbtmp2.9/3, ML1.7/3, Error ellipse: s-maj=40.3km s-min=11.1km az=81.0

ISC 27 11:11:45.7:0.9,67.58Nk:0.04:30.47E, 0.03, h0km, n21, a1560/27, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VRF Vario 0.37 298 PG, VRF Vario 0.37 298 PG, VRF Vario 0.37 298 PG, etc.

IDC 27 11:20:59.9:0.5,78.91Nk:20.02W, h0km, mb3.9/23, mb1 4.2/25, mb1mx0.4/51, mbtmp0.2/5, ML3.9/2, MS3.3/16, Ms1 3.3/16, ms1mx3.2/47, Error ellipse: s-maj=9.2km s-min=9.7km az=22.0

DNK 27 11:21:00.9:2.1,78.95Nk:19.81W, h0km, 17km, ML3.5 MOS 27 11:21:01.5:2.4,78.83Nk:19.90W, h10km, mb4.5/23, Error ellipse: s-maj=26.2km s-min=7.3km az=90.9

NEIC 27 11:21:01.5:1.4,78.92Nk:0.08:19.93W, 0.3, h10km, 1km, mb4.5/94, Error ellipse: s-maj=14.0km s-min=10.6km az=36.0

IEPN 27 11:21:06.0,78.77N,18.29W, h10km

ISC 27 11:21:00.9:0.3,78.85Nk:0.04:19.73W, 0.04, h10km, n283, a222/293, mb4.4/85, MS3.3/13,2C, Eastern Kalaallit

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DAG Danmarks Havn 2.11 173 iP, DAG Danmarks Havn 2.11 173 iP, DAG Danmarks Havn 2.11 173 iP, etc.

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Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KBS Kingsbay 6.07 74 iP, KBS Kingsbay 6.07 74 iP, KBS Kingsbay 6.07 74 iP, etc.

1300

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NOA NORARS Array B 20.27 134 P, NOA NORARS Array B 20.27 134 P, NOA NORARS Array B 20.27 134 P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EYMN Ely, B35A Bob, Littlefor, PLVVO Plevna, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like V48A Smith Brothers, SWET Sewanee, HODGE Hodges, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LAR1 LAR, LAR1 LAR, JHRM Jahrom, etc.

Table with columns: MOTA, Moosalm, 38.61 312 eP, P, 12 07 35.9 -1.4, etc. Lists various astronomical observations with their respective parameters and quality indicators.

Table with columns: EIDS, Eidsvold, 51.92 282 P, P, 12 15 36.8 +0.5, etc. Lists astronomical observations, including those from the Eidsvold station.

Table with columns: ROSC, El Rosal, 86.51 76 P, P, 12 19 13.5 +2.4, etc. Lists astronomical observations from the ROSC station.

IDC 27 12:06:26.3-0.4, 56:85Sx150:64W, h0km, mb4.8/14, mb1.4, 9/14, mb1mx4.8/28, mbtmp4.8/14, MS4.0/12, Ms1.4/0.12, ms1.1x2.9/23, Error ellipse: s-maj=22.5km s-min=13.3km az=6.0

NEIC 27 12:06:27.6-1.4, 56:85S:0.1x150:64W:0.2, h10km, tkm, mb5.3/75, Error ellipse: s-maj=18.3km s-min=15.9km az=13.0

GCMT 27 12:06:36.6-0.2, 56:99S:0.0'0.1:150:73W:0.04, h4km, MW5.0/95, Moment Tensor Solution. s52.c63; s95.c136; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-4.1z: 17; Mss3.58z: 13; Mss0.54z: 11; Mss1.50z: 24; Mss1.27z: 09; Mss-0.83z: 27; Best double couple: M04.43000x10^16 Np1=0.87, 0.07, 0.34, 0.00000; A=96.00000; NP2: qz293.00000; s55.00000; A=96.00000; Principal axes: T 4.3790, P1=2.00000, Azm11.00000; N 0.0960, P1g3.00000, Azm11.00000; P=4.4820, P1g78.00000, Azm216.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 12:06:27.6-0.2, 56.75Sx0.07x150:53W:0.06, h10km, n274, e1910/264, mb5.3/45, MS4.1/17, 1C-1D, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, etc. Lists station information for the Pacific-Antarctic Ridge region.

Table with columns: WRA, Warranga Arr, 65.42 271 P, P, 12 17 09.9 -0.5, etc. Lists astronomical observations from the Warranga Arr station.

Table with columns: ROSC, El Rosal, 86.51 76 P, P, 12 19 13.5 +2.4, etc. Lists astronomical observations from the ROSC station.

27d 12h

| | | | | | |
|------|----------------|----------|----|----|-----------------|
| BACT | New Taipei Cit | 1.19 292 | eP | Pn | 12 22 27.5 +1.1 |
| BACT | baz=285 | | eS | Sn | 12 22 44.1 +0.9 |
| NSK | Sanguang | 1.19 276 | iP | Pn | 12 22 28.0 +1.5 |
| NSK | baz=275 | | eS | Sn | 12 22 44.1 +0.7 |
| YM03 | YM03 | 1.19 302 | iP | Pn | 12 22 27.7 +1.2 |
| YM03 | baz=293 | | eS | Sn | 12 22 45.2 +1.9 |
| PCYT | Pengchayiu | 1.19 334 | P | Pn | 12 22 27.9 +1.4 |
| TCWY | Chenhua | 1.20 307 | iP | Pn | 12 22 28.2 +1.7 |
| TWY | baz=307 | | S | Sn | 12 22 44.6 +1.2 |
| ANP | Anpu | 1.21 301 | iP | Pn | 12 22 27.9 +1.2 |
| TWS1 | Kuangyinshan | 1.25 296 | iP | Pn | 12 22 28.5 +1.4 |
| TWS1 | baz=290 | | eS | Sn | 12 22 45.5 +1.0 |
| NTST | Danshui | 1.25 299 | iP | Pn | 12 22 28.6 +1.5 |
| NTST | baz=292 | | eS | Sn | 12 22 45.8 +1.2 |
| JKRS | Kuro-shima | 1.27 104 | P | Pn | 12 22 28.8 +1.5 |
| JKRS | FUSS | 1.33 257 | iP | Pn | 12 22 46.0 +1.1 |
| FUSS | baz=256 | | S | Sn | 12 22 29.6 +1.3 |
| WHF | Hehuan Shan | 1.34 252 | iP | Pn | 12 22 47.0 +0.5 |
| WHF | baz=257 | | S | Sn | 12 22 29.6 +1.0 |
| ESL | Shilin | 1.34 237 | iP | Pn | 12 22 47.0 0.0 |
| ESL | baz=235 | | eS | Sn | 12 22 28.7 +0.5 |
| JJJ | Ishigaki jima | 1.36 98 | P | Pn | 12 22 46.1 -0.3 |
| JJJ | Tachien | 1.39 258 | iP | Pn | 12 22 29.6 +1.1 |
| TWT | baz=254 | | eS | Sn | 12 22 47.1 +0.2 |
| NCU | National Centr | 1.40 287 | P | Pn | 12 22 30.7 +1.8 |
| NCU | baz=287 | | S | Sn | 12 22 48.6 +1.0 |
| NCUH | Zhongli | 1.40 287 | P | Pn | 12 22 30.4 +1.5 |
| NCUH | baz=287 | | eS | Sn | 12 22 49.6 +1.9 |
| TDCB | Techi | 1.40 258 | iP | Pn | 12 22 30.5 +1.5 |
| TDCB | baz=257 | | eS | Sn | 12 22 49.6 +1.8 |
| EGFH | Guangfu | 1.43 232 | iP | Pn | 12 22 30.7 +1.6 |
| EGFH | baz=231 | | S | Sn | 12 22 48.4 +0.4 |
| CHGB | Renai | 1.44 250 | iP | Pn | 12 22 48.1 -0.2 |
| CHGB | baz=243 | | S | Sn | 12 22 31.1 +1.4 |
| LIOB | Emei | 1.50 274 | iP | Pn | 12 22 31.7 +1.6 |
| LIOB | baz=273 | | eS | Sn | 12 22 49.5 +0.5 |
| JISG | Ishigakijimahi | 1.50 89 | P | Pn | 12 22 31.7 +1.6 |
| JISG | baz=273 | | S | Sn | 12 22 50.9 +1.0 |
| HSN1 | Hsinchu | 1.51 279 | iP | Pn | 12 22 31.2 +1.1 |
| HSN1 | baz=278 | | S | Sn | 12 22 50.6 +0.7 |
| NSNT | Nanjuang | 1.51 273 | iP | Pn | 12 22 32.0 +1.7 |
| NSNT | baz=272 | | S | Sn | 12 22 51.5 +1.4 |
| SBCB | Hsinchu | 1.54 279 | iP | Pn | 12 22 31.8 +1.5 |
| SBCB | baz=278 | | eS | Sn | 12 22 51.2 +1.1 |
| HGSD | Ruisui | 1.55 227 | iP | Pn | 12 22 32.3 +1.7 |
| HGSD | baz=225 | | eS | Sn | 12 22 51.9 +1.1 |
| HSN | Hsinchu | 1.56 279 | P | Pn | 12 22 31.4 +0.7 |
| HSN | baz=280 | | S | Sn | 12 22 51.0 +0.1 |
| WHP | Taichung City | 1.59 260 | iP | Pn | 12 22 32.0 +1.1 |
| WHP | baz=257 | | S | Sn | 12 22 51.8 +0.6 |
| EHY | Hungye | 1.61 230 | iP | Pn | 12 22 33.8 +2.4 |
| EHY | baz=228 | | eS | Sn | 12 22 53.5 +1.5 |
| WPL | Puli Township | 1.65 251 | iP | Pn | 12 22 31.8 +0.3 |
| WPL | baz=247 | | eS | Sn | 12 22 51.5 -0.8 |
| DPDB | Guoxing | 1.67 252 | iP | Pn | 12 22 33.7 +1.7 |
| DPDB | baz=249 | | eS | Sn | 12 22 54.1 +0.9 |
| NMLH | Miaoii | 1.70 270 | iP | Pn | 12 22 34.3 +2.0 |
| NMLH | baz=261 | | eS | Sn | 12 22 55.7 +2.0 |
| YULB | Yu-li | 1.70 227 | iP | Pn | 12 22 34.5 +1.8 |
| YULB | baz=233 | | eS | Sn | 12 22 55.2 +0.7 |
| YULB | Yu-li | 1.70 227 | Pn | Pn | 12 22 33.2 +0.4 |
| EYUL | baz=233 | | eS | Sn | 12 22 54.0 -0.5 |
| EYUL | baz=233 | | eS | Sn | 12 22 33.0 +0.4 |
| TWF1 | Yuli | 1.73 226 | iP | Pn | 12 22 33.9 +1.0 |
| TWF1 | baz=233 | | eS | Sn | 12 22 56.0 +1.2 |
| TWQ1 | Liyutan | 1.73 263 | iP | Pn | 12 22 33.6 +0.5 |
| TWQ1 | baz=262 | | eS | Sn | 12 22 54.0 -1.1 |
| NSY | Sanyi | 1.74 266 | iP | Pn | 12 22 34.7 +1.6 |
| NSY | baz=265 | | eS | Sn | 12 22 56.1 +1.0 |
| SSLB | Suanglung | 1.74 244 | iP | Pn | 12 22 35.1 +1.9 |
| SSLB | baz=239 | | eS | Sn | 12 22 56.8 +1.5 |
| SSLB | Sun Moon Lake | 1.74 248 | Pn | Pn | 12 22 34.4 +1.2 |
| SMLT | baz=241 | | eS | Sn | 12 22 54.9 -0.4 |
| FULB | Fuli | 1.84 223 | eP | Pn | 12 22 34.9 +1.6 |
| FULB | baz=216 | | eS | Sn | 12 22 56.6 +1.1 |
| WDJ | Dajia District | 1.85 264 | iP | Pn | 12 22 35.1 +0.6 |
| WDJ | baz=263 | | eS | Sn | 12 22 58.5 +0.9 |
| TCU | Taichung | 1.85 258 | eP | Pn | 12 22 36.3 +1.7 |
| TCU | baz=266 | | eS | Sn | 12 22 59.1 +1.3 |
| JTJ | Tarama | 1.86 87 | P | Pn | 12 22 36.4 +1.8 |
| JTJ | baz=240 | | eS | Sn | 12 23 00.1 +2.2 |
| WHYT | Xinyi Township | 1.86 243 | P | Pn | 12 22 36.0 +1.3 |
| WHYT | baz=240 | | eS | Sn | 12 22 59.5 +1.6 |
| CHKT | Chengkung | 1.87 220 | eP | Pn | 12 22 36.7 +2.0 |
| CHKT | baz=214 | | eS | Sn | 12 23 00.0 +1.9 |
| YUS | Yu-Shan | 1.89 236 | iP | Pn | 12 22 35.1 +0.2 |
| YUS | baz=214 | | eS | Sn | 12 22 57.0 -1.3 |

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| | | | | | |
|-------|---------------|----------|----|----|-----------------|
| YUS | baz=230 | | eS | Sn | 12 22 58.9 -0.6 |
| WJS | Zhushan | 1.91 248 | iP | Pn | 12 22 37.7 +2.3 |
| WJS | baz=240 | | S | Sn | 12 23 01.7 +2.5 |
| WNT1 | Nantou City | 1.92 251 | eP | Pn | 12 22 37.3 +1.8 |
| WNT1 | baz=249 | | eS | Sn | 12 23 01.9 +2.5 |
| WNT | Mingjian | 1.93 250 | iP | Pn | 12 22 37.7 +2.2 |
| WNT | baz=248 | | eS | Sn | 12 23 02.2 +2.7 |
| WCHH | Zhanghua | 1.98 257 | P | Pn | 12 22 37.8 +1.6 |
| WCHH | baz=264 | | eS | Sn | 12 23 02.5 +1.8 |
| ALS | Alishan | 1.99 239 | iP | Pn | 12 22 38.5 +1.8 |
| ALS | baz=232 | | eS | Sn | 12 23 03.8 +2.3 |
| EDH | Donghe | 2.01 219 | eP | Pn | 12 22 37.2 +0.5 |
| EDH | baz=214 | | eS | Sn | 12 23 00.1 -1.3 |
| ELDTW | Lidau | 2.03 228 | iP | Pn | 12 22 37.6 +0.6 |
| ELDTW | baz=226 | | eS | Sn | 12 23 01.4 -0.7 |
| CHNS | Tsuling | 2.05 243 | iP | Pn | 12 22 39.3 +2.0 |
| CHNS | baz=234 | | S | Sn | 12 23 04.6 +2.1 |
| WGK | Guleng | 2.10 246 | eP | Pn | 12 22 40.0 +2.2 |
| WGK | baz=256 | | eS | Sn | 12 23 07.6 +3.9 |
| WDLH | Douliu | 2.12 246 | eP | Pn | 12 22 40.1 +2.0 |
| WDLH | baz=256 | | eS | Sn | 12 23 07.2 +3.1 |
| LONT | Longtian | 2.16 221 | eP | Pn | 12 22 39.1 +0.5 |
| LONT | baz=219 | | eS | Sn | 12 23 05.0 -0.1 |
| LDUT | Ludao | 2.17 210 | eP | Pn | 12 22 39.0 +0.2 |
| LDUT | baz=206 | | eS | Sn | 12 23 04.3 -0.9 |
| RLNB | Erlin | 2.20 253 | eP | Pn | 12 22 40.5 +1.4 |
| RLNB | baz=252 | | eS | Sn | 12 23 07.1 +1.1 |
| STYT | Tauyuan | 2.23 232 | iP | Pn | 12 22 41.3 +1.8 |
| STYT | baz=227 | | eS | Sn | 12 23 07.9 +1.2 |
| CHN4 | Tsushan | 2.24 238 | P | Pn | 12 22 41.9 +2.2 |
| CHN4 | baz=236 | | eS | Sn | 12 23 09.2 +2.3 |
| TPUB | Ta-pu | 2.24 236 | P | Pn | 12 22 41.7 +2.0 |
| TPUB | baz=228 | | eS | Sn | 12 23 08.8 +1.9 |
| TPUB | Ta-pu | 2.24 236 | Pn | Pn | 12 22 41.0 +1.3 |
| TPUB | baz=228 | | S | Sn | 12 23 08.1 +1.2 |
| CHN2 | Minshiang | 2.24 243 | eP | Pn | 12 22 42.2 +2.6 |
| CHN2 | baz=254 | | eS | Sn | 12 23 10.6 +3.6 |
| WTK | Tuku | 2.25 248 | P | Pn | 12 22 41.4 +1.6 |
| WTK | baz=256 | | eS | Sn | 12 23 08.6 +1.5 |
| TWGBT | Beinan | 2.26 220 | iP | Pn | 12 22 40.2 +0.3 |
| TWGBT | baz=219 | | eS | Sn | 12 23 06.1 -1.2 |
| TWG | Pinlang | 2.26 220 | Pn | Pn | 12 22 40.1 +0.2 |
| TWG | baz=212 | | S | Sn | 12 23 06.5 -0.8 |
| TTN | Taitung | 2.27 218 | eP | Pn | 12 22 41.7 +1.6 |
| TTN | baz=212 | | eS | Sn | 12 23 09.7 +2.1 |
| WTP | Ta-pu | 2.28 236 | P | Pn | 12 22 42.4 +2.1 |
| WTP | baz=234 | | eS | Sn | 12 23 10.2 +2.3 |
| CHY | Chiayi | 2.30 243 | eP | Pn | 12 22 42.8 +2.3 |
| CHY | baz=253 | | eS | Sn | 12 23 10.8 +2.5 |
| JIRB | Irabujima | 2.30 83 | P | Pn | 12 22 42.1 +1.7 |
| JIRB | baz=236 | | eS | Sn | 12 23 08.4 +0.1 |
| TWK | Hsinying | 2.37 238 | eP | Pn | 12 22 43.3 +1.9 |
| TWK | baz=236 | | eS | Sn | 12 23 11.4 +1.5 |
| JIKM | Ikemajima | 2.38 81 | P | Pn | 12 22 43.4 +1.9 |
| JIKM | baz=243 | | S | Sn | 12 23 11.1 +0.9 |
| CHN1 | Nanshi | 2.38 235 | eP | Pn | 12 22 43.4 +1.8 |
| CHN1 | baz=243 | | eS | Sn | 12 23 11.8 +1.6 |
| SNST | Tainan City | 2.39 237 | eP | Pn | 12 22 43.8 +2.2 |
| SNST | baz=235 | | eS | Sn | 12 23 13.0 +2.7 |
| SGST | Jiashian | 2.40 233 | P | Pn | 12 22 43.1 +1.3 |
| SGST | baz=241 | | eS | Sn | 12 23 12.9 +2.2 |
| JMJ | Miyako jima 2 | 2.41 83 | eP | Pn | 12 22 43.7 +1.9 |
| JMJ | baz=85 | | eS | Sn | 12 23 12.7 +1.9 |
| WSF | Szhu | 2.41 248 | eP | Pn | 12 22 43.3 +1.4 |
| WSF | baz=255 | | eS | Sn | 12 23 12.3 +1.5 |
| WLBG | Puzi | 2.41 244 | eP | Pn | 12 22 42.7 +0.8 |
| WLBG | baz=252 | | eS | Sn | 12 23 11.9 +1.0 |
| SLGT | Lugudi | 2.41 230 | P | Pn | 12 22 44.6 +2.7 |
| SLGT | baz=235 | | S | Sn | 12 23 13.1 +2.1 |
| JMJ2 | Miyako jima3 | 2.43 85 | P | Pn | 12 22 44.1 +1.9 |
| JMJ2 | baz=85 | | S | Sn | 12 23 12.7 +1.3 |
| ICHU | Yijhu | 2.48 242 | P | Pn | 12 22 44.8 +2.0 |
| ICHU | baz=240 | | eS | Sn | 12 23 14.2 +1.7 |
| ECL | Taimali | 2.50 219 | eP | Pn | 12 22 43.2 +0.1 |
| ECL | baz=217 | | eS | Sn | 12 23 10.9 -2.2 |
| JOGS | Gusukube | 2.51 85 | P | Pn | 12 22 45.2 +2.1 |
| JOGS | baz=240 | | S | Sn | 12 23 14.1 +1.0 |
| CHN8 | Yuju | 2.54 242 | eP | Pn | 12 22 45.2 +1.6 |
| CHN8 | baz=240 | | eS | Sn | 12 23 16.5 +2.4 |
| CHN3 | Shinhua | 2.57 235 | eP | Pn | 12 22 46.9 +2.9 |
| CHN3 | baz=243 | | eS | Sn | 12 23 17.4 +2.8 |
| SCST | Cishan | 2.59 230 | eP | Pn | 12 22 47.0 +2.7 |
| SCST | baz=237 | | eS | Sn | 12 23 20.1 +5.0 |
| SSD | Sandimen | 2.59 226 | eP | Pn | 12 22 46.5 +2.2 |
| SSD | baz=224 | | eS | Sn | 12 23 16.6 +1.5 |
| TSMG | Mejia | 2.61 225 | eP | Pn | 12 22 47.7 +3.2 |
| TSMG | baz=224 | | eS | Sn | 12 23 17.2 +1.6 |
| SCLT | Jiali | 2.64 239 | eP | Pn | 12 22 46.9 +1.9 |
| SCLT | baz=237 | | eS | Sn | 12 23 18.8 +2.3 |
| TWM1 | Shoushan | 2.68 230 | eP | Pn | 12 22 48.5 +2.9 |

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| | | | | | |
|-------|----------------|----------|----|----|-----------------|
| MASBT | Mashibuluo | 2.69 224 | P | Pn | 12 22 47.4 +1.9 |
| MASBT | baz=234 | | eS | Sn | 12 23 20.5 +3.0 |
| SGLT | Jiouru | 2.70 228 | eP | Pn | 12 22 48.8 +2.5 |
| LAY | Lan-yu | 2.71 202 | eP | Pn | 12 22 46.3 +0.5 |
| LAY | baz=195 | | eS | Sn | 12 23 15.8 -2.2 |
| TAW | Tawu | 2.72 217 | eP | Pn | 12 22 48.3 +2.2 |
| TAW | baz=220 | | eP | Pn | 12 22 46.2 0.0 |
| EAST | Ansiou | 2.73 218 | eP | Pn | 12 22 46.2 0.0 |
| EAST | baz=216 | | eS | Sn | 12 23 16.7 -1.9 |
| PTTC | Pingtang | 2.79 290 | eP | Pn | 12 22 47.5 +0.6 |
| PTTC | baz=290 | | eP | Pn | 12 22 49.5 +2.6 |
| SNJT | Kaohsiung City | 2.79 230 | eP | Pn | 12 22 49.5 +2.6 |
| SCZT | Fangliu | 2.87 221 | eP | Pn | 12 22 49.1 +1.5 |
| SCZT | baz=230 | | eS | Sn | 12 23 22.1 +0.2 |
| SLIU | Shizi | 2.89 217 | eP | Pn | 12 22 48.8 +0.5 |
| SLIU | baz=219 | | eP | Pn | 12 22 49.3 +0.6 |
| MATB | Ma-tsu | 2.92 303 | eP | Pn | 12 22 49.8 +0.7 |
| MSUT | Lienchiang | 2.95 304 | eP | Pn | 12 22 49.8 +0.6 |
| MSUT | baz=303 | | eP | Pn | 12 22 49.6 +0.6 |
| WVUC | Wuli | 2.95 279 | eP | Pn | 12 22 50.3 +0.5 |
| WVUC | baz=278 | | eP | Pn | 12 22 50.9 +0.5 |
| PNG | Penghu | 3.01 251 | eP | Pn | 12 22 50.3 +0.5 |
| PHUB | Peng-hu | 3.01 250 | eP | Pn | 12 22 50.3 +0.5 |
| PHUB | baz=249 | | eP | Pn | 12 22 50.9 +0.7 |
| WDGT | Dungji | 3.03 245 | eP | Pn | 12 |

TAP 27 12:55:43.5, 25°04'N, 122°79'E, h160km, 1km, ML4.3, D
 JMA 27 12:55:44.0, 0.2, 25°00'N, 122°66'E, h160km, 2km, ML2
 ISC 27 12:55:43.4, 0.8, 25°03'N, 0.04, 122°71'E, 0.03, h164km, 5km,
 n127, a08/80/232, mb3.6/8, 5C, Taiwan region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|------|-----|----------|------------|------|
| | | | | | h m s | ISC |
| JYNG | Yonagunijimaku | 0.62 | 160 | Op | 12 56 07.3 | +0.4 |
| JYNG | | | | eS | 12 56 25.1 | +0.2 |
| YOJ | Yonaguni jima | 0.63 | 154 | Pn | 12 56 07.3 | +0.3 |
| YOJ | | | | Pn | 12 56 07.3 | +0.3 |
| YOJ | Yonaguni jima | 0.63 | 154 | Pn | 12 56 07.3 | +0.3 |
| YOJ | | | | Pn | 12 56 25.2 | +0.2 |
| TWB1 | Santiao Chiao | 0.66 | 268 | IP | 12 56 07.4 | +0.4 |
| TWB1 | | | | iS | 12 56 24.5 | -0.6 |
| TIPB | Shuangxi | 0.81 | 266 | iP | 12 56 08.1 | +0.1 |
| TIPB | | | | S | 12 56 26.1 | -0.8 |
| NTC | Toucheng | 0.82 | 258 | eS | 12 56 07.5 | -0.5 |
| NTC | | | | eP | 12 56 26.4 | -0.6 |
| NWF | Wu-fen Shan | 0.84 | 273 | iP | 12 56 08.5 | +0.1 |
| NWF | | | | iS | 12 56 27.9 | +0.5 |
| WFSB | Wu-fen Shan | 0.84 | 273 | Pn | 12 56 08.8 | +0.5 |
| WFSB | | | | S | 12 56 28.6 | +1.3 |
| TWC | Suao | 0.89 | 242 | iP | 12 56 08.5 | -0.1 |
| TWC | | | | iS | 12 56 27.1 | -0.8 |
| TWE | Neicheng | 1.00 | 252 | iP | 12 56 09.9 | +0.5 |
| TWE | | | | iS | 12 56 28.6 | -0.7 |
| ENAH | Nanao | 1.00 | 235 | iP | 12 56 10.1 | +0.6 |
| ENAH | | | | iS | 12 56 29.1 | -0.4 |
| TWA | Mucha | 1.02 | 267 | P | 12 56 09.3 | -0.3 |
| TWA | | | | iS | 12 56 29.4 | -0.4 |
| YM08 | | 1.03 | 279 | P | 12 56 10.3 | +0.7 |
| YM08 | | | | S | 12 56 30.0 | +0.1 |
| TWY | Chentua | 1.03 | 284 | IP | 12 56 10.3 | +0.6 |
| TWY | | | | iS | 12 56 29.4 | -0.5 |
| YM11 | YM11 | 1.04 | 278 | P | 12 56 10.4 | +0.6 |
| YM01 | YM01 | 1.04 | 276 | IP | 12 56 10.1 | +0.3 |
| YM01 | | | | S | 12 56 30.3 | +0.2 |
| YM05 | YM05 | 1.05 | 277 | P | 12 56 10.1 | +0.2 |
| YM05 | | | | S | 12 56 30.2 | -0.1 |
| YM10 | YM10 | 1.05 | 277 | P | 12 56 10.4 | +0.5 |
| ENY | Nanau | 1.07 | 236 | iP | 12 56 10.4 | +0.4 |
| ENY | | | | iS | 12 56 29.7 | -0.7 |
| YM03 | YM03 | 1.07 | 278 | P | 12 56 10.1 | 0.0 |
| YM04 | YM04 | 1.07 | 277 | IP | 12 56 10.4 | +0.3 |
| YM04 | | | | eS | 12 56 31.2 | +0.7 |
| NHDH | Xindian Distri | 1.08 | 267 | eP | 12 56 10.3 | +0.3 |
| NHDH | | | | eS | 12 56 30.1 | -0.4 |
| ANP | Anpu | 1.09 | 278 | iP | 12 56 10.1 | -0.2 |
| ANP | | | | S | 12 56 32.0 | +1.1 |
| TAP | Taipei | 1.09 | 271 | P | 12 56 10.1 | -0.1 |
| TAP | | | | S | 12 56 30.7 | 0.0 |
| ENTT | Nioudou | 1.11 | 250 | iP | 12 56 11.7 | +1.3 |
| ENTT | | | | iS | 12 56 31.6 | +0.5 |
| TATO | Taipei | 1.11 | 267 | P | 12 56 10.3 | 0.0 |
| TATO | | | | S | 12 56 29.9 | -1.1 |
| NWLT | Wulai | 1.12 | 257 | P | 12 56 11.6 | +1.0 |
| NWLT | | | | iS | 12 56 31.0 | -0.4 |
| NTST | Danshui | 1.15 | 277 | iP | 12 56 11.1 | +0.5 |
| NTST | | | | eS | 12 56 31.6 | -0.1 |
| IRIF | Iriomote-Funau | 1.16 | 127 | P | 12 56 11.3 | +0.5 |
| IRIF | | | | eS | 12 56 32.2 | +0.4 |
| NDT | Datong Townshi | 1.17 | 249 | iP | 12 56 11.7 | +0.8 |
| NDT | | | | iS | 12 56 32.1 | +0.2 |
| TWS1 | Kuangyinshan | 1.17 | 274 | iP | 12 56 11.4 | +0.5 |
| TWS1 | | | | eS | 12 56 31.5 | -0.5 |
| YHNB | Yeheng | 1.27 | 254 | P | 12 56 12.2 | +0.4 |
| YHNB | | | | S | 12 56 32.9 | -0.7 |
| NSK | Sanguang | 1.28 | 254 | iP | 12 56 12.4 | +0.5 |
| NSK | | | | iS | 12 56 32.7 | -1.1 |
| NACB | Ninganchiao | 1.33 | 230 | P | 12 56 12.4 | +0.1 |
| NACB | | | | S | 12 56 33.5 | -1.0 |
| NNSB | Datong | 1.35 | 244 | IP | 12 56 13.6 | +0.9 |
| NNSB | | | | S | 12 56 33.7 | -1.4 |
| NNSH | Datong | 1.35 | 244 | P | 12 56 13.7 | +1.0 |
| NNSH | | | | S | 12 56 34.3 | -0.8 |
| NNS | Nan Shan | 1.35 | 244 | iP | 12 56 13.5 | +0.8 |
| NNS | | | | iS | 12 56 34.7 | -0.5 |
| NCU | National Centr | 1.38 | 268 | iP | 12 56 13.2 | +0.4 |
| NCU | | | | iS | 12 56 35.6 | +0.1 |
| NCUH | Zhongli | 1.39 | 268 | P | 12 56 13.2 | +0.4 |
| NCUH | | | | S | 12 56 36.1 | +0.6 |
| ETLH | Xiulin Townshi | 1.39 | 234 | P | 12 56 13.4 | +0.4 |
| ETLH | | | | S | 12 56 34.8 | -0.9 |
| TWD | Chiawan | 1.39 | 227 | iP | 12 56 13.0 | +0.1 |
| TWD | | | | iS | 12 56 34.8 | -0.7 |
| HATJ | Hateruma jima | 1.39 | 134 | P | 12 56 14.0 | +1.1 |
| HATJ | | | | S | 12 56 36.2 | +0.6 |
| JKRS | Kuro-shima | 1.42 | 124 | P | 12 56 14.2 | +1.0 |
| JKRS | | | | S | 12 56 36.3 | +0.2 |
| HWA | Hwalien | 1.46 | 224 | P | 12 56 14.5 | +1.0 |
| HWA | | | | S | 12 56 37.0 | +0.2 |
| JIJ | Ishigaki jima | 1.46 | 117 | P | 12 56 14.2 | +0.6 |
| JIJ | | | | S | 12 56 35.8 | -1.1 |
| NJD | Zhudong | 1.50 | 259 | P | 12 56 14.0 | 0.0 |

| | | | | | | |
|------|----------------|------|-----|------------|------------|------|
| NJD | baz=259 | S | Sn | 12 56 36.9 | -0.7 | |
| NHW | Xinxu Township | 1.51 | 269 | P | 12 56 14.6 | +0.5 |
| NHW | | | S | 12 56 38.0 | +0.3 | |
| JISG | Ishigakijimahi | 1.52 | 107 | P | 12 56 14.9 | +0.7 |
| JISG | | | Pn | 12 56 37.5 | -0.4 | |
| FUSS | Fushou | 1.55 | 240 | iP | 12 56 15.9 | +1.1 |
| FUSS | | | iS | 12 56 38.8 | 0.0 | |
| HSN1 | Hsinchu | 1.56 | 261 | P | 12 56 15.5 | +1.0 |
| HSN1 | | | S | 12 56 39.0 | +0.4 | |
| SBCB | Hsinchu | 1.58 | 262 | P | 12 56 15.5 | +0.7 |
| SBCB | | | S | 12 56 39.5 | +0.4 | |
| WHF | Hehuan Shan | 1.58 | 237 | iP | 12 56 16.1 | +0.7 |
| WHF | | | iS | 12 56 39.5 | -0.4 | |
| LIOB | Emei | 1.59 | 256 | iP | 12 56 15.3 | +0.4 |
| LIOB | | | iS | 12 56 38.4 | -0.7 | |
| HSN | Hsinchu | 1.60 | 262 | iP | 12 56 15.5 | +0.6 |
| HSN | | | iS | 12 56 37.9 | -1.3 | |
| TSW | Tachien | 1.60 | 241 | iP | 12 56 16.6 | +1.4 |
| TWT | | | iS | 12 56 39.8 | +0.1 | |
| NSTT | Nanjuang | 1.60 | 256 | iP | 12 56 15.0 | 0.0 |
| NSTT | | | iS | 12 56 38.7 | -0.7 | |
| TDCB | Techi | 1.61 | 242 | P | 12 56 16.4 | +1.1 |
| TDCB | | | S | 12 56 39.6 | -0.2 | |
| ESL | Shilin | 1.68 | 224 | iP | 12 56 16.0 | +0.1 |
| ESL | | | iS | 12 56 39.6 | -1.3 | |
| CHGB | Renai | 1.70 | 236 | P | 12 56 17.1 | +0.7 |
| CHGB | | | S | 12 56 41.0 | -0.6 | |
| NJN | Zhunan | 1.71 | 259 | S | 12 56 42.3 | +1.0 |
| WHP | Taichung City | 1.77 | 245 | P | 12 56 17.8 | +0.9 |
| WHP | | | S | 12 56 42.3 | -0.5 | |
| EGFH | Guangfu | 1.79 | 221 | eP | 12 56 17.1 | 0.0 |
| EGFH | | | eS | 12 56 41.5 | -1.5 | |
| NMLH | Miaoli | 1.81 | 255 | P | 12 56 17.9 | +0.6 |
| NMLH | | | S | 12 56 43.1 | -0.3 | |
| JTJ | Tarama | 1.85 | 102 | P | 12 56 18.6 | +0.9 |
| JTJ | | | S | 12 56 44.1 | 0.0 | |
| NSY | Sanyi | 1.88 | 251 | P | 12 56 19.1 | +1.1 |
| NSY | | | S | 12 56 44.9 | +0.2 | |
| WPL | Puli Township | 1.89 | 238 | P | 12 56 19.6 | +1.5 |
| WPL | | | S | 12 56 46.3 | +1.3 | |
| DPDB | Guoxing | 1.91 | 239 | eP | 12 56 18.9 | +0.5 |
| DPDB | | | eS | 12 56 45.9 | +0.6 | |
| HGSD | Rutui | 1.93 | 218 | P | 12 56 19.0 | +0.4 |
| HGSD | | | S | 12 56 46.2 | +0.4 | |
| EHY | Hungye | 1.98 | 220 | P | 12 56 18.4 | -0.4 |
| EHY | | | S | 12 56 46.8 | -0.3 | |
| WDJ | Dajia District | 2.00 | 251 | iP | 12 56 20.2 | +0.8 |
| WDJ | | | S | 12 56 47.7 | +0.6 | |
| SMLT | Sun Moon Lake | 2.01 | 236 | iP | 12 56 20.9 | +1.4 |
| SMLT | | | iS | 12 56 49.0 | +1.5 | |
| SSLB | Suanguang | 2.02 | 233 | P | 12 56 20.7 | +1.0 |
| SSLB | | | S | 12 56 48.0 | +0.3 | |
| TYC | Yuchr | 2.03 | 237 | iP | 12 56 20.9 | +1.3 |
| TYC | | | iS | 12 56 47.7 | +0.1 | |
| TCU | Taichung | 2.05 | 245 | P | 12 56 19.4 | -0.5 |
| TCU | | | S | 12 56 48.2 | +0.1 | |
| YULB | Yu-li | 2.08 | 219 | P | 12 56 20.2 | -0.2 |
| YULB | | | eS | 12 56 47.7 | -1.1 | |
| EYUL | Yuli | 2.10 | 217 | P | 12 56 21.3 | +0.7 |
| EYUL | | | S | 12 56 49.8 | +0.5 | |
| TWF1 | Yuli | 2.11 | 218 | iP | 12 56 20.8 | +0.1 |
| TWF1 | | | S | 12 56 48.5 | -1.0 | |
| WHYT | Xinyi Township | 2.15 | 232 | P | 12 56 22.5 | +1.3 |
| WHYT | | | S | 12 56 50.8 | +0.5 | |
| WNT1 | Nantou City | 2.16 | 239 | P | 12 56 22.4 | +1.2 |
| WNT1 | | | eS | 12 56 50.6 | +0.2 | |
| WJS | Zhushan | 2.17 | 237 | iP | 12 56 22.2 | +0.9 |
| WJS | | | S | 12 56 51.3 | +0.7 | |
| WNT | Mingjian | 2.17 | 239 | iP | 12 56 22.5 | +1.1 |
| WNT | | | iS | 12 56 50.8 | +0.1 | |
| WCHH | Zhanghua | 2.18 | 245 | P | 12 56 21.7 | +0.3 |
| WCHH | | | S | 12 56 50.5 | -0.1 | |
| YUS | Yu-Shan | 2.22 | 227 | P | 12 56 23.8 | +1.3 |
| YUS | | | S | 12 56 53.1 | +0.6 | |
| FULB | Fuli | 2.24 | 216 | P | 12 56 22.9 | +0.8 |
| FULB | | | S | 12 56 53.6 | +1.6 | |
| JIRB | Irabujima | 2.25 | 95 | P | 12 56 23.3 | +1.2 |
| JIRB | | | S | 12 56 51.8 | -0.3 | |
| CHKT | Chengkung | 2.28 | 213 | P | 12 56 22.7 | +0.1 |
| CHKT | | | S | 12 56 52.1 | -0.9 | |
| ALS | Alishan | 2.31 | 229 | P | 12 56 24.8 | +1.6 |
| ALS | | | S | 12 56 55.2 | +1.2 | |
| JKM | Ikemajima | 2.31 | 92 | eS | 12 56 53.6 | +0.3 |
| CHNS | Tsauling | 2.34 | 233 | iP | 12 56 24.5 | +1.1 |
| CHNS | | | iS | 12 56 54.4 | +0.1 | |
| JMJ | Miyako jima 2 | 2.36 | 95 | P | 12 56 22.5 | -1.0 |
| JMJ | | | eS | 12 56 51.8 | -2.6 | |

| | | | | | | |
|-------|--------------|------|-----|------------|------------|------|
| WKG | Gukeng | 2.37 | 236 | P | 12 56 24.5 | +0.8 |
| WKG | | | S | 12 56 54.7 | -0.2 | |
| WDLH | Doulu | 2.39 | 236 | eP | 12 56 24.8 | +0.9 |
| WDLH | | | eS | 12 56 55.4 | +0.3 | |
| JMJ2 | Miyako jima3 | 2.40 | 96 | P | 12 56 25.5 | +1.6 |
| JMJ2 | | | Pn | 12 56 55.5 | +0.3 | |
| ELDTW | Lidau | 2.40 | 220 | P | 12 56 24.5 | +0.4 |
| ELDTW | | | S | 12 56 54.7 | -1.0 | |
| EDH | Donghe | 2.42 | 212 | P | 12 56 24.9 | +0.6 |
| EDH | | | S | 12 56 55.7 | -0.2 | |
| RLNB | Erin | 2.42 | 243 | P | 12 56 24.8 | +0.5 |
| RLNB | | | S | 12 56 55.2 | -0.7 | |
| JOGS | Gusukube | 2.46 | 96 | S | 12 56 56.9 | +0.2 |
| WTK | Fukun | 2.50 | 238 | P | 12 56 25.8 | +0.6 |
| WTK | | | S | 12 56 57.2 | -0.4 | |
| CHN2 | Nanshiung | 2.53 | 234 | P | 12 56 27.1 | +1.6 |
| CHN2 | | | S | 12 56 58.3 | +0.1 | |
| LONT | Longtian | 2.56 | 215 | eP | 12 56 26.6 | +0.6 |
| LONT | | | eS | 12 56 58.3 | -0.7 | |
| TPUB | Ta-pu | 2.57 | 228 | P | 12 56 26.6 | +0.6 |
| TPUB | | | S | 12 56 59.3 | +0.3 | |
| STYT | Tauyuan | 2.58 | 224 | P | 12 56 27.9 | +1.7 |
| STYT | | | S | 12 57 00.1 | +0.7 | |
| CHY | Chiayi | 2.59 | 234 | eP | 12 56 27.1 | +0.9 |
| CHY | | | S | 12 56 59.3 | -0.1 | |
| LDUT | Ludao | 2.61 | 206 | P | 12 56 26.3 | -0.2 |
| LDUT | | | S | 12 56 59.0 | -0.9 | |
| WTP | Ta-pu | 2.61 | 228 | P | 12 56 27.4 | +0.7 |
| WTP | | | S | 12 56 59.5 | -0.5 | |

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TOVM TOLUCA, UNIV Universidad Na, CAIG El Cayaco, ZUMV ZUMPANGO, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, EMPR Esperanza - Ma, etc.

MOS 27 13:56:07.3:0.8, 48:49N:155:49E, h38km, mb4.0/1, Error ellipse: s-maj=16.1km s-min=4.6km az=71.2

SKHL 27 13:56:09.4:0.3, 48:50N:155:52E, h59km, mb4.1/1.5

KRSJ 27 13:56:11.9:2.1, 48:52N:156:05E, h30km, mb4.1/3.3

IDC 27 13:56:15.1:2.9, 49:05N:154:38E, h88km, 25km, mb3.3/2.2

M1 3.6/1.1, mb1mx3.2/6.1, mbmp3.7/1.1, MSJ3.2/2.2

M1 3.2/2.2, ms1mx2.6/2.8, Error ellipse: s-maj=39.1km s-min=16.5km az=147.0

IDC 27 13:56:08.1:1.0, 48:68N:155:45E:0.1, h35km, n75, e249/83, mb3.5/7, Kuril Islands

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, TUMR Tumrok, etc.

IDC 27 13:56:20.9:0.5, 15:17S:173:57W, h0km, mb4.4/1.9, mb1 4.7/2.0, mb1mx4.5/3.1, mbtmp4.5/2.0, ML3.7/1.1, MS3.6/1.7, Ms1 3.6/1.7, ms1mx3.5/2.5, Error ellipse: s-maj=19.2km s-min=13.7km az=137.0

NEIC 27 13:56:25.6:1.3, 15:21S:170:09E, 173:55W:0.1, h35km, 2km, mb4.7/3.0, Error ellipse: s-maj=21.5km s-min=16.0km az=91.0

IDC 27 13:56:24.9:0.3, 15:23S:170:07E, 173:42W:0.07, h30km, n163, e190/145, mb3.7/3.5, MS3.7/1.8, 16C-70, Tonga Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonavu, KNTN Kanton, etc.

REY 27 14:49:35.7, 64.65N; 17.39W, h2km
MOS 27 14:49:37.2, 2.0, 64.50N; 17.50W, h10km, mb4.5/23, Error ellipse: s-maj=12.7km s-min=7.6km az=101.0
NEIC 27 14:49:37.2, 2.8, 64.55N; 0.08, 17.5W; 0.2, n9km, 3km, mb4.5/25, Error ellipse: s-maj=11.5km s-min=9.1km az=208.0
IDC 27 14:49:37.6, 0.6, 64.75N; 17.31W, h0km, mb3.9/19, mb1.4/22, mb1mx4.0/53, mbtmp3.9/22, ML3.3/3, MS3.4/12, Ms1.3/4.12, ms1mx3.1/40, Error ellipse: s-maj=20.2km s-min=11.6km az=26.0
ISC 27 14:49:37.9, 0.3, 64.66N; 0.02, 17.37W; 0.02, h10km, n155, c1594/167, mb4.3/58, MS3.4/9, 12C, Iceland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists various stations and their associated data points.

Table with columns: TMCOR, pmax, pmax, comp-Z, 12nm, 0.9s, SQA, Sankt Quirin, 23.35 125 eP, P, 14 54 47.5 +1.3. Lists TMCOR stations and their associated data points.

Table with columns: AAK, comp-Z, 28nm, 1.7s, Ala-Archa, 53.21 67 P, P, 14 58 57.7 +1.6. Lists AAK stations and their associated data points.

IDC 27 14:56:21.1, 0.7, 15.73S; 75.96W, h28km, 4km, mb3.5/5, mb1.3/7, mb1mx3.5/33, mbtmp3.7/7, ML3.9/2, Error ellipse: s-maj=22.4km s-min=18.2km az=69.0
ISC 27 14:56:21.6, 0.7, 15.73S; 0.1, 76.0W; 0.1, h35km, n113, c672/17, mb3.5/5, Off coast of Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations and their associated data points.

NEIC 27 14:14:30.3, 1.9, 1.2N; 0.1, 126.42E; 0.04, h45km, 9km, mb4.6/19, Error ellipse: s-maj=15.0km s-min=4.2km az=191.0
DJA 27 14:14:05.3, 0.2, 1.2N; 2.126E, h42km, 6km, M4.3/13, mb4.8/1, mb4.5/13, ML4.3/13, Mw(mb)4.1/1
IDC 27 15:14:06.4, 2.1, 1.10N; 126.34E, h62km, 19km, mb4.0/19, mb1.4/22, mb1mx4.0/42, mbtmp4.3/22, MS3.3/7, Ms1.3/3.7, ms1mx3.0/29, Error ellipse: s-maj=22.3km s-min=8.0km az=77.0
ISC 27 15:14:03.9, 0.4, 1.20N; 0.04, 126.47E; 0.05, h39km, n84, c1568/83, mb4.5/31, MS3.3/5, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Lists stations and their associated data points.

27d 17h

| | | | | | |
|------|------------------------|----------|----|------------|-----------------|
| WPL | baz=250 | eS | Sb | 17 09 20.5 | -0.6 |
| TWA | Mucha baz=352 | 0.74 350 | eP | Pb | 17 09 10.8 -0.5 |
| TWA | baz=352 | eS | Sn | 17 09 21.4 | -0.4 |
| TATO | Taipei baz=344 | 0.76 343 | iP | Pb | 17 09 11.5 0.0 |
| TATO | baz=344 | S | Sb | 17 09 21.6 | -0.1 |
| DPDB | Guoxing baz=252 | 0.76 254 | iP | Pb | 17 09 11.6 -0.1 |
| DPDB | baz=252 | eS | Sb | 17 09 21.3 | -0.5 |
| LI0B | Emei baz=301 | 0.76 302 | P | Pn | 17 09 11.8 +0.1 |
| LI0B | baz=301 | eS | Sn | 17 09 22.2 | -0.1 |
| NSTT | Nanjiang baz=300 | 0.77 300 | iP | Pb | 17 09 11.6 -0.1 |
| NSTT | baz=300 | eS | Sb | 17 09 21.9 | +0.1 |
| BACT | New Taipei Cit baz=342 | 0.79 341 | eP | Pn | 17 09 12.4 +0.3 |
| BACT | baz=342 | eS | Sn | 17 09 22.9 | 0.0 |
| TWB1 | Santiao Chiao baz=20 | 0.80 17 | eP | Pn | 17 09 12.2 +0.1 |
| TWB1 | baz=20 | eS | Sn | 17 09 23.5 | +0.5 |
| HGSD | Ruisui baz=211 | 0.80 201 | eP | Pb | 17 09 11.9 -0.4 |
| HGSD | baz=211 | eS | Sb | 17 09 23.3 | +0.6 |
| TAP1 | Taipei baz=347 | 0.81 347 | P | Pn | 17 09 12.6 +0.2 |
| TAP1 | baz=347 | S | Sn | 17 09 23.7 | +0.3 |
| TAP | Taipei baz=347 | 0.82 346 | P | Pb | 17 09 12.4 -0.1 |
| TAP | baz=347 | S | Sn | 17 09 23.3 | -0.2 |
| NWF | Wu-fen Shan baz=351 | 0.82 3 | eP | Pn | 17 09 12.8 +0.2 |
| NWF | baz=351 | eS | Sn | 17 09 24.1 | +0.3 |
| WFSB | Wu-fen Shan baz=351 | 0.82 3 | P | Pn | 17 09 12.7 +0.2 |
| WFSB | baz=351 | eS | Sn | 17 09 24.1 | +0.4 |
| EHY | Hungye baz=210 | 0.82 207 | eP | Pn | 17 09 10.7 -1.9 |
| EHY | baz=210 | eS | Sb | 17 09 22.1 | -1.3 |
| HSN1 | Hsinchu baz=316 | 0.84 309 | eP | Pn | 17 09 13.5 +0.8 |
| HSN1 | baz=316 | eS | Sn | 17 09 25.2 | +1.2 |
| SMLT | Sun Moon Lake baz=239 | 0.84 245 | P | Pn | 17 09 12.7 -0.1 |
| SMLT | baz=239 | eS | Sn | 17 09 24.6 | +0.3 |
| SSLB | Suanglung baz=230 | 0.84 237 | P | Pn | 17 09 12.4 -0.4 |
| SSLB | baz=230 | eS | Sn | 17 09 25.0 | +0.8 |
| TYC | Yuchr baz=245 | 0.87 247 | P | Pn | 17 09 13.1 0.0 |
| TYC | baz=245 | eS | Sb | 17 09 24.6 | 0.0 |
| SBCB | Hsinchu baz=315 | 0.87 309 | iP | Pb | 17 09 14.0 +0.6 |
| SBCB | baz=315 | S | Sn | 17 09 25.9 | +1.0 |
| NCUH | Zhongji baz=326 | 0.87 326 | P | Pb | 17 09 13.7 +0.2 |
| NCUH | baz=326 | S | Sn | 17 09 26.9 | +1.9 |
| NCU | National Centr baz=326 | 0.88 326 | P | Pb | 17 09 13.6 +0.1 |
| NCU | baz=326 | S | Sn | 17 09 26.6 | +1.6 |
| TWQ1 | Liyutan baz=275 | 0.88 277 | P | Pb | 17 09 14.2 +0.6 |
| TWQ1 | baz=275 | eS | Sb | 17 09 25.3 | +0.2 |
| HSN | Hsinchu baz=311 | 0.89 309 | eP | Pb | 17 09 13.9 +0.2 |
| HSN | baz=311 | eS | Sn | 17 09 26.2 | +0.9 |
| TWS1 | Kuangyinshan baz=352 | 0.90 342 | eP | Pb | 17 09 13.8 -0.1 |
| TWS1 | baz=352 | eS | Sb | 17 09 26.5 | +0.9 |
| NSY | Sanyi baz=280 | 0.90 281 | eP | Pn | 17 09 14.8 +0.8 |
| NSY | baz=280 | eS | Sn | 17 09 27.0 | +1.4 |
| NMLH | Miaoji baz=296 | 0.90 289 | P | Pb | 17 09 14.8 +0.8 |
| NMLH | baz=296 | eS | Sn | 17 09 26.4 | +0.7 |
| YM01 | YM01 baz=340 | 0.91 351 | eP | Pb | 17 09 14.2 +0.1 |
| YM01 | baz=340 | eS | Sn | 17 09 26.3 | +0.4 |
| YM10 | YM10 baz=342 | 0.92 350 | eP | Pn | 17 09 13.6 -0.3 |
| YM10 | baz=342 | eS | Sb | 17 09 25.8 | -0.4 |
| YM04 | YM04 baz=350 | 0.92 349 | eP | Pb | 17 09 14.3 0.0 |
| YM04 | baz=350 | eS | Sn | 17 09 27.0 | +0.8 |
| YM05 | YM05 baz=342 | 0.93 351 | eP | Pn | 17 09 13.5 -0.6 |
| YM05 | baz=342 | eS | Sn | 17 09 26.7 | +0.2 |
| YM11 | YM11 baz=341 | 0.93 351 | eP | Pb | 17 09 14.6 +0.2 |
| YM11 | baz=341 | eS | Sb | 17 09 24.5 | -1.9 |
| YULB | Yu-li baz=205 | 0.94 205 | eP | Pn | 17 09 12.3 -1.8 |
| YULB | baz=205 | eS | Sb | 17 09 25.0 | -1.7 |
| YM03 | YM03 baz=351 | 0.95 350 | P | Pn | 17 09 14.1 -0.2 |
| YM03 | baz=351 | eS | Sn | 17 09 27.5 | +0.6 |
| YM08 | YM08 baz=344 | 0.95 352 | P | Pn | 17 09 13.9 -0.4 |
| YM08 | baz=344 | S | Sb | 17 09 25.7 | -1.3 |
| NTST | Danshui baz=354 | 0.95 344 | eP | Pn | 17 09 14.3 +0.1 |
| NTST | baz=354 | eS | Sn | 17 09 28.0 | +1.2 |
| ANP | Anpu baz=350 | 0.96 349 | eP | Pn | 17 09 14.2 -0.2 |
| ANP | baz=350 | eS | Sn | 17 09 27.6 | +0.4 |
| TCU | Taichung baz=283 | 0.97 264 | P | Pb | 17 09 15.5 +0.5 |
| TCU | baz=283 | S | Sb | 17 09 29.7 | +2.2 |
| EYUL | Yuli baz=212 | 0.97 203 | eP | Pn | 17 09 14.1 -0.4 |
| EYUL | baz=212 | eS | Sn | 17 09 25.9 | -1.5 |
| WHYT | Xinyi Township baz=233 | 0.97 236 | eP | Pn | 17 09 14.8 +0.3 |
| WHYT | baz=233 | eS | Sb | 17 09 28.9 | +1.3 |
| TWF1 | Yuli baz=203 | 0.97 204 | P | Pn | 17 09 12.8 -1.8 |
| TWF1 | baz=203 | eS | Sb | 17 09 28.3 | +0.6 |
| WDJ | Dajia District baz=275 | 1.00 276 | eP | Pb | 17 09 15.8 +0.2 |
| WDJ | baz=275 | eS | Sb | 17 09 29.9 | +1.5 |
| WJS | Zhushan baz=244 | 1.01 246 | eP | Pb | 17 09 16.5 +0.8 |
| WJS | baz=244 | eS | Sb | 17 09 31.1 | +2.4 |
| WNT1 | Nantou City baz=249 | 1.02 251 | eP | Pb | 17 09 16.5 +0.6 |

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| | | | | | |
|-------|------------------------|----------|----|-----------------|-----------------|
| WNT1 | baz=249 | eS | Sb | 17 09 31.4 | +2.5 |
| WNT | Mingjian baz=248 | 1.02 249 | eP | Pb | 17 09 16.6 +0.6 |
| WNT | baz=248 | eS | Sb | 17 09 31.1 | +2.0 |
| TWY | Chenhua baz=339 | 1.03 353 | eP | Pb | 17 09 17.1 +1.0 |
| TWY | baz=339 | eS | Sb | 17 09 30.1 | +0.8 |
| WCHH | Zhanghua baz=260 | 1.08 262 | eP | Pb | 17 09 17.2 +0.3 |
| WCHH | baz=260 | eS | Sb | 17 09 32.3 | +1.6 |
| FULB | Fuli baz=209 | 1.11 201 | eP | Pn | 17 09 16.0 -0.5 |
| ALS | Alishan baz=218 | 1.12 229 | eP | Pb | 17 09 17.7 -0.1 |
| ALS | baz=218 | eS | Sb | 17 09 32.1 | 0.0 |
| JYNG | Yonagunijimaku baz=209 | 1.13 79 | P | Pn | 17 09 17.2 +0.5 |
| JYNG | baz=209 | eS | Sb | 17 09 32.8 | +0.8 |
| CHNS | Tsaling baz=235 | 1.16 236 | P | Pn | 17 09 18.4 0.0 |
| CHNS | baz=235 | eS | Sb | 17 09 33.9 | +0.9 |
| CHKT | Chengkung baz=209 | 1.19 196 | eP | Pn | 17 09 16.9 -0.7 |
| CHKT | baz=209 | eS | Sn | 17 09 33.6 | +0.9 |
| YOJ | Yonaguni jima baz=80 | 1.19 79 | P | Pn | 17 09 18.3 +0.8 |
| YOJ | baz=80 | eS | Sb | 17 09 34.3 | +0.5 |
| YOJ | Yonaguni jima baz=221 | 1.19 79 | P | Pn | 17 09 18.1 +0.6 |
| YOJ | baz=221 | eS | Sb | 17 09 34.2 | +0.4 |
| WGK | Gukung baz=241 | 1.20 243 | eP | Pb | 17 09 19.4 +0.4 |
| WGK | baz=241 | eS | Sb | 17 09 36.1 | +1.9 |
| WDLH | Douliu baz=242 | 1.22 243 | eP | Pb | 17 09 19.3 -0.1 |
| WDLH | baz=242 | eS | Sb | 17 09 36.3 | +1.5 |
| ELDTW | Lidau baz=201 | 1.24 212 | eP | Pn | 17 09 17.4 -0.9 |
| RLNB | Erin baz=253 | 1.30 255 | eP | Pb | 17 09 20.4 -0.3 |
| RLNB | baz=253 | eS | Sb | 17 09 39.1 | +2.1 |
| EDH | Donhe baz=199 | 1.32 197 | eP | Pn | 17 09 18.8 -0.7 |
| EDH | baz=199 | eS | Sn | 17 09 36.5 | +0.4 |
| WTK | Tuku baz=245 | 1.35 246 | P | Pb | 17 09 21.4 0.0 |
| WTK | baz=245 | S | Sb | 17 09 40.2 | +1.9 |
| CHN2 | Minshiang baz=238 | 1.35 239 | eP | Pb | 17 09 22.1 +0.6 |
| CHN2 | baz=238 | eS | Sb | 17 09 40.2 | +1.8 |
| CHN4 | Tsaushan baz=220 | 1.37 230 | eP | Pb | 17 09 21.6 -0.3 |
| CHN4 | baz=220 | eS | Sb | 17 09 40.0 | +1.0 |
| TPUB | Ta-pu baz=216 | 1.38 227 | eP | Pb | 17 09 21.6 -0.5 |
| TPUB | baz=216 | eS | Sb | 17 09 40.1 | +0.9 |
| STYT | Tauyuan baz=213 | 1.40 220 | P | Pn | 17 09 21.5 +1.0 |
| STYT | baz=213 | eS | Sb | 17 09 39.9 | +0.1 |
| CHY | Chiayi baz=237 | 1.41 238 | eP | Pb | 17 09 22.6 +0.1 |
| CHY | baz=237 | eS | Sb | 17 09 42.1 | +2.1 |
| PCYT | Pengchaiyu baz=12 | 1.41 13 | eP | Pn | 17 09 21.5 +0.8 |
| WTP | Ta-pu baz=214 | 1.43 226 | P | Pb | 17 09 22.4 -0.5 |
| WTP | baz=214 | eS | Sb | 17 09 41.8 | +1.1 |
| LONT | Longtian baz=204 | 1.44 203 | eP | Pn | 17 09 20.3 -0.8 |
| LONT | baz=204 | eS | Sn | 17 09 38.9 | -0.1 |
| TWK | Hsinying baz=219 | 1.50 230 | eP | Pb | 17 09 23.6 -0.5 |
| TWK | baz=219 | eS | Sb | 17 09 44.0 | +1.3 |
| WSF | Szhu baz=245 | 1.51 247 | eP | Pn | 17 09 23.1 +1.3 |
| WSF | baz=245 | S | Sb | 17 09 43.2 | +0.4 |
| WLBG | Puzi baz=239 | 1.52 240 | P | Pn | 17 09 22.7 +0.7 |
| WLBG | baz=239 | S | Sb | 17 09 44.1 | +1.0 |
| SNST | Tainan City baz=218 | 1.52 228 | eP | Pb | 17 09 24.0 -0.4 |
| SNST | baz=218 | eS | Sb | 17 09 44.7 | +1.3 |
| TWGBT | Beinan baz=195 | 1.54 203 | eP | Pn | 17 09 20.5 -1.9 |
| TWGBT | baz=195 | eS | Sn | 17 09 42.7 | +1.2 |
| SGST | Jiasian baz=213 | 1.56 222 | P | Pn | 17 09 23.8 +1.0 |
| SGST | baz=213 | eS | Sb | 17 09 44.2 | -0.4 |
| TTN | Taitung baz=200 | 1.58 200 | eP | Pb | 17 09 24.7 -0.7 |
| LDUT | Ludao baz=181 | 1.58 189 | eP | Pn | 17 09 22.3 -0.7 |
| LDUT | baz=181 | eS | Sn | 17 09 43.1 | -0.7 |
| ICHU | Yijhu baz=224 | 1.59 237 | P | Pn | 17 09 24.9 -0.8 |
| ICHU | baz=224 | eS | Sb | 17 09 46.5 | +1.1 |
| SLGT | Lugui baz=220 | 1.59 219 | P | Pb | 17 09 24.8 -0.8 |
| SLGT | baz=220 | S | Sb | 17 09 45.5 | +0.1 |
| CHN8 | Yiju baz=226 | 1.65 238 | P | Pb | 17 09 25.6 -1.0 |
| CHN8 | baz=226 | eS | Sb | 17 09 47.7 | +0.6 |
| CHN3 | Shinhua baz=229 | 1.71 227 | eP | Pb | 17 09 27.4 -0.2 |
| CHN3 | baz=229 | eS | Sb | 17 09 51.0 | +2.4 |
| SCLT | Jiali baz=222 | 1.77 233 | P | Pb | 17 09 27.5 -1.1 |
| SCLT | baz=222 | eS | Sb | 17 09 49.1 | -1.2 |
| SCST | Cishan baz=222 | 1.77 220 | eP | Pn | 17 09 26.2 +0.7 |
| SCST | baz=222 | S | Sb | 17 09 51.3 | +1.0 |
| ECL | Taimali baz=196 | 1.79 204 | eP | Pn | 17 09 25.2 -0.6 |
| ECL | baz=196 | eS | Sn | 17 09 47.5 | 0.0 |
| SSD | Sandimen baz=205 | 1.80 214 | P | Pb | 17 09 27.9 -1.3 |
| SSD | baz=205 | eS | Sb | 17 09 50.3 | -1.0 |
| TAI1 | Yung-k'ang baz=230 | 1.83 229 | eP | Pn | 17 09 28.0 +1.7 |
| TAI1 | baz=230 | eS | Sn | 17 09 52.1 | +0.1 |
| TSMG | Majia baz=204 | 1.83 213 | eP | Pn | 17 09 27.7 +1.3 |
| TSMG | baz=204 | eS | Sb | 17 09 51.4 | -0.7 |
| IRIF | Iriomote-Funau baz=221 | 1.83 87 | P | Pn | 17 09 26.8 +0.5 |
| IRIF | baz=221 | S | Sn | 17 09 49.1 | +0.6 |
| TWMT | Shoushan baz=221 | 1.85 221 | eP | Pb | 17 09 29.4 -0.7 |
| TWMT | baz=221 | eP | Pn | 17 09 29.9 -0.8 | |
| SGLT | Jicou baz=219 | 1.89 217 | eP | Pb | 17 09 28.7 +1.3 |
| HATJ | Hateruma jima baz=217 | 1.91 95 | P | Pn | 17 09 52.9 -1.4 |
| HATJ | baz=217 | eS | Sb | 17 09 29.1 | +1.6 |

| | | | | | |
|-------|------------------------|----------|----|-----------------|-----------------|
| MASBT | baz=217 | eS | Sn | 17 09 52.6 | +1.2 |
| TSPT | Pingtung City baz=218 | 1.93 216 | eP | Pn | 17 09 29.2 +1.5 |
| SNUT | Kaoliung City baz=222 | 1.96 221 | eP | Pb | 17 09 30.8 -1.1 |
| EAST | Anshuo baz=197 | 2.02 204 | eP | Pn | 17 09 29.8 +0.7 |
| TAW | Tawu baz=195 | 2.03 202 | eP | Pn | 17 09 30.9 +1.8 |
| JKRS | Kuro-shima baz=195 | 2.08 90 | P | Pn | 17 09 30.9 +1.1 |
| JKRS | baz=195 | eS | Sn | 17 09 56.4 +1.6 | |
| PNG | Penghu baz=250 | 2.10 252 | eP | Pn | 17 09 30.5 +0.4 |
| PNG | baz=250 | eS | Sn | 17 09 56.4 +1.1 | |
| PHUB | Peng-hu baz=249 | 2.10 250 | eP | Pn | 17 09 30.3 +0.2 |
| SCZT | Fangliu baz=214 | 2.12 209 | eP | Pn | 17 09 31.9 +1.5 |
| SCZT | baz=214 | eS | Sn | 17 09 57.8 +1.9 | |
| WDGT | Dungji baz=241 | 2.13 243 | eP | Pn | 17 09 31.3 +0.8 |
| PTTC | Pingtun baz=305 | 2.17 305 | eP | Pn | 17 09 30.4 -0.7 |
| SLIU | Shizui baz=195 | 2.19 203 | eP | Pn | 17 09 32.7 +1.3 |
| LAY | Lan-yu baz=178 | 2.20 184 | eP | Pn | 17 09 30.8 -0.8 |
| LAY | baz=178 | eS | Sn | 17 09 57.2 -0.6 | |
| JJU | Ishigaki jima baz=281 | 2.21 86 | P | Pn | 17 09 32.1 +0.6 |
| JJU | baz=281 | S | Sn | 17 09 58.4 +0.6 | |
| VWUC | VWUC baz=289 | 2.21 290 | eP | Pn | 17 09 30.9 -0.6 |
| WLCH | Liuqiu baz=221 | 2.26 214 | eP | Pn | 17 09 34.6 +2.3 |
| TWP | Hsiao-liu-chiu baz=217 | 2.27 214 | eP | Pn | 17 0 |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MMLI Nahal Hemdat, HMDT Tahtakopu-Hat, etc.

ICD 27 17:22:44.5s.1.3.68.10N.162.62W, h0km, mb3.5/6, mb1 4.0/7, mb1mx3.6/32, mbtm3.6/7, ML4.3/1, Error ellipse: s-maj=82.1km s-min=18.7km az=21.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like RDOG Red Dog Mine, TNA Tin City, etc.

ICD 27 17:22:45.2s.1.8.67.71N.0.07.163.1W, 0.2, h48km, 6km, ML3.5/40, Error ellipse: s-maj=10.9km s-min=9.0km az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like A21K Barrow, A21K Coldfoot, etc.

ICD 27 17:22:46.7s.1.3.67.65N.0.05.162.7W, 0.2, h25km, 5km, Error ellipse: s-maj=9.6km s-min=6.6km az=116.0

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

ICD 27 17:22:45.0s.0.6.67.65N.0.05.162.4W, 0.0, h10km, n85, s=137/93, mb3.4/5, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like RDOG Red Dog Mine, TNA Tin City, etc.

ICD 27 17:37:11.6s.4.2.18.72N.144.64E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.5/44, mbtm3.7/5, ML3.2/1, MS3.6/1, Ms1 3.6/1, ms1mx2.4/35, Error ellipse: s-maj=165.9km s-min=23.7km az=84.0

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

ICD 27 17:37:26.5s.0.9.18.87N.0.09.144.8E, 0.2, h150km, n25, s=670/22, mb3.9/7, Mariana Islands

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

ICD 27 17:39:25.4s.1.8.5.50S.147.32E, h200km, 16km, mb3.1/5, mb1 3.4/9, mb1mx3.2/34, mbtm3.8/9, Error ellipse: s-maj=26.9km s-min=15.1km az=105.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

ICD 27 17:39:25.6s.0.7.5.54S.0.07.147.30E, 0.09, h200km, n25, s=1508/26, mb3.7/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, etc.

ICD 27 17:51:24.2s.2.2.37.32N.141.79E, h0km, mb3.4/3, mb1 3.4/5, mb1mx3.2/31, mbtm3.3/5, ML2.5/2, Error ellipse: s-maj=45.4km s-min=26.8km az=93.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND, H11N1 WAKE ISLAND, etc.

ICD 27 18:06:06.5s.2.6.5.83S.130.91E, h72km, 28km, mb3.5/2, mb1 3.8/6, mb1mx3.3/37, mbtm4.0/6, MS3.3/1, Ms1 3.3/1, ms1mx2.4/31, Error ellipse: s-maj=29.6km s-min=18.8km az=82.0

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

ICD 27 18:06:05.0s.0.9.5.90S.0.06.131.1E, 0.1, h86km, n7, s=382/11, Banda Sea

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

ICD 27 18:12:00.2s.2.6.5.63S.0.06.129.88E, 0.06, h178km, 9km, mb4.1/32, Error ellipse: s-maj=9.9km s-min=7.6km az=133.0

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

ICD 27 18:12:00.3s.0.6.5.2S.2.13.0E, s, h144km, 9km, M4.5/12, mb5.2/7, mb4.5/8, MLY4.6/12, MvM4.6/7, Mwps.7/1, Error ellipse: s-maj=16.0km s-min=10.5km az=86.0

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

comp=2.0,6nm,0.5s,baz=34,slov=6.4,SNR=9.7
TXAR Lajitas Array 89.46 53 P 18 31 56.5 +1.2

WEL 27 18:19:50.1,38.5,3,17.6E, h217km,gkm,M2.8/48,
ML2.4/7,MLV2.8/48,Error ellipse: s-maj=0.0km
s-min=0.0km az=2.3, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and phases.

IDC 27 18:29:01.0,2.1,1.90N,126.43E,h0km,mb3.3/3,
mb1 3.6/3,mb1mx3.1/49,mbtmp3.3/3,Error ellipse:
s-maj=190.3km s-min=25.8km az=66.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations for IDC and NEIC events.

2.7nm,0.3s,baz=125,slov=6.9,SNR=14
ATAH 0.6nm,0.3s,baz=163,slov=14,SNR=1.9

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations and their coordinates.

comp=2.12nm,0.9s
U40A Yellville 51.85 339 P 18 44 55.4 +0.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations for U40A and other events.

MOS 27 18:53:46.3,0.1,2,17.83S,179.58W,h620km,mb5.0/16,
Error ellipse: s-maj=9.8km s-min=8.5km az=96.2
Bul 27 18:53:46.3,0.1,2,17.72S,179.31W,h621km,mb4.9/39,

NEIC 27 18:53:47.2,1.5,17.93S,0.04,179.49W,0.09,
h620km,mb5.1/38,mb5.6/20,MWc5.5(GCMT),Error
ellipse: s-maj=12.9km s-min=5.0km az=100.0
NEIC 27 18:53:47.8,17.86S,179.52W,h627km,Moment Tensor
Solution. Moment tensor: Scale 10^17Nm; Mr=0.50;
Mw=1.15; Mw=0.65; Mw=1.55; Mw=0.36; Mw=1.22; Fault
plane solution: Ms2.24000x10^17 NP1=44.220000°,
326.95000°, λ=165.42000°. NP2=301.17000°,
363.45000°, λ=63.80000°. Principal axes: T 2.1246,
Plg33.0000°, Azm9.00000°, N 0.2146, Plg26.0000°,
Azm118.00000°, P -2.3393, Plg45.0000°, Azm238.0000°,
IDC 27 18:53:48.5,0.4,17.96S,179.47W,h632km,mb4.4/41,
mb1.4/43,mb1mx4.4/51,mbtmp5.4/49 Error ellipse:
s-maj=7.9km s-min=7.0km az=131.4 Error ellipse:
NEIC 27 18:53:50.1,0.3,2,11.98S,72.34W,h35km,mb3.9/11,
mb1 4.2/16,mb1mx4.0/36,mbtmp4.1/16,ML4.0/5,MS3.4/9,
MS1 3.4/9,ms1mx3.2/34,Error ellipse: s-maj=22.5km
s-min=13.7km az=49.0
NEIC 27 18:53:51.1,1.5,12.05S,0.05,72.37W,0.09,h41km,gkm,
mb4.9/37,Error ellipse: s-maj=12.3km s-min=6.8km
az=88.0
ISC 27 18:53:50.9,0.4,11.99S,0.05,72.28W,0.07,h35km,n18,
c181B/109,mb4.7/48,MS3.4/4,1C-1D,Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations for MOS, NEIC, and IDC events.

27d 18h

Table with columns for station call letters, name, frequency, and other details. Includes stations like AWAZ, HAZ, WMGZ, PKGZ, RUGZ, TWGZ, URZ, etc.

2014 DEC

Table with columns for station call letters, name, frequency, and other details. Includes stations like BBOO, WRB, WRAB, WRA, WRA, WRA, etc.

1316

Table with columns for station call letters, name, frequency, and other details. Includes stations like LUWI, MUN, GTOI, MORW, MORW, Vnda, etc.

1317

| | | | | | | |
|-------|-------|--------|------|------|------------|------|
| KLSI | 75.09 | 270 | P | P | 19 04 37.5 | +10 |
| MSHR | 75.47 | 325ceP | | | 19 04 28.3 | -0.9 |
| MSHR | | | pmax | pmax | | |
| PMBI | 75.58 | 272 | P | P | 19 04 32.2 | +1.7 |
| PMBI | | | | | | |
| LWLI | 75.64 | 269 | P | P | 19 04 30.1 | -0.9 |
| LWLI | | | | | | |
| USA0B | 76.11 | 326 | i | P | 19 04 31.7 | -1.0 |
| USRK | 76.11 | 326 | P | P | 19 04 33.7 | +0.8 |
| USRK | | | | | | |
| USRK | 76.11 | 326 | P | P | 19 04 33.7 | +1.0 |
| USRK | 76.11 | 326 | P | P | 19 04 33.7 | +1.0 |
| TYV | 76.18 | 336 | eS | S | 19 04 33.4 | +0.5 |
| TYV | | | | | 19 13 22.4 | -5.0 |
| TYV | | | pmax | pmax | | |
| TYV | | | pmax | pmax | | |
| TYV | | | smax | smax | | |
| LHSI | 76.50 | 270 | P | P | 19 04 35.5 | 0.0 |
| LHSI | | | | | | |
| SCZ2 | 76.88 | 48 | P | P | 19 04 38.2 | +1.0 |
| SCZ2 | | | | | | |
| JMBI | 77.05 | 272 | P | P | 19 04 40.7 | +2.2 |
| JMBI | | | | | | |
| SBC | 77.06 | 47 | P | P | 19 04 39.5 | +1.3 |
| SBC | | | | | | |
| DLV | 77.07 | 287 | I | Amb | 19 04 41.5 | |
| DLV | | | | | | |
| SAO | 77.16 | 44 | I | Amb | 19 04 40.8 | |
| SAO | | | | | | |
| NJ2 | 77.22 | 310 | eP | P | 19 04 39.8 | +0.8 |
| NJ2 | | | | | | |
| PKM | 77.23 | 47 | P | P | 19 04 40.4 | +1.1 |
| PKM | | | | | | |
| PMPB | 77.28 | 45 | P | P | 19 04 40.7 | +1.3 |
| PMPB | | | | | 19 04 41.8 | |
| HOPS | 77.37 | 42 | I | Amb | 19 07 11.1 | |
| HOPS | | | | | | |
| KCPM | 77.46 | 41 | I | Amb | 19 04 42.8 | |
| KCPM | | | | | | |
| MDJ | 77.67 | 325 | P | P | 19 04 42.3 | +1.1 |
| MDJ | | | pP | pP | 19 05 51.0 | +1.3 |
| MDJ | | | sP | sP | 19 07 54.8 | +1.9 |
| MDJ | | | S | S | 19 13 46.3 | +2.9 |
| MDJ | | | ScS | ScS | 19 14 04.3 | +1.2 |
| MDJ | | | sS | sS | 19 17 35.0 | +2.2 |
| MDJ | | | SS | SS | 19 19 07.5 | +4.8 |
| MDJ | | | pmax | pmax | | |
| MDJ | | | pmax | pmax | | |
| FMP | 77.68 | 48 | P | P | 19 04 42.6 | +1.2 |
| FMP | | | | | | |
| KMRM | 77.70 | 40 | I | Amb | 19 04 44.1 | |
| KMRM | | | | | | |
| OSI | 77.85 | 47 | P | P | 19 04 43.6 | +1.1 |
| OSI | | | | | | |
| MYKOM | 77.92 | 276 | P | P | 19 04 44.0 | +0.8 |
| DECC | 77.93 | 48 | P | P | 19 04 43.6 | +0.7 |
| DECC | | | | | | |
| PASC | 78.00 | 48 | P | P | 19 04 43.2 | 0.0 |
| OHAK | 78.03 | 14 | I | Amb | 19 04 43.2 | |
| ARVC | 78.04 | 47 | P | P | 19 04 44.4 | +1.0 |
| ARVC | | | | | | |
| 109C | 78.11 | 50 | P | P | 19 04 44.6 | +0.8 |
| 109C | | | | | | |
| MWC | 78.11 | 48 | I | Amb | 19 04 45.3 | |
| MWC | | | | | | |
| O02D | 78.24 | 41 | P | P | 19 04 45.9 | +1.5 |
| O02D | | | | | | |
| VES | 78.25 | 46 | P | P | 19 04 45.1 | +0.6 |
| VES | | | | | | |
| VOG | 78.26 | 46 | P | P | 19 04 45.3 | +0.6 |
| VOG | | | | | | |
| BFSC | 78.40 | 48 | P | P | 19 04 46.0 | +0.5 |
| BFSC | | | | | | |
| MURC | 78.41 | 49 | P | P | 19 04 46.3 | +0.9 |
| MURC | | | | | | |
| EDW2 | 78.50 | 47 | P | P | 19 04 46.9 | +1.0 |
| EDW2 | | | | | | |
| CMB | 78.56 | 44 | I | Amb | 19 04 47.9 | |
| CMB | | | | | | |
| ISA | 78.57 | 47 | P | P | 19 04 47.4 | +1.1 |
| ISA | | | | | | |
| ISA | 78.57 | 47 | P | P | 19 04 47.1 | +0.8 |
| ISA | | | | | | |
| ISA | 78.57 | 47 | P | P | 19 04 47.0 | +0.8 |
| ISA | | | | | 19 04 48.5 | |
| MONP2 | 78.61 | 50 | P | P | 19 04 47.9 | +1.1 |
| MONP2 | | | | | | |
| GRNR | 78.64 | 333 | iP | P | 19 04 47.3 | +1.1 |
| GRNR | | | | | | |
| GRNR | | | pmax | pmax | | |
| GRNR | | | pmax | pmax | | |
| GRNR | | | pmax | pmax | | |
| GRNR | | | MLR | MLR | | |
| GRNR | | | MLR | MLR | | |
| GRNR | | | MLR | MLR | | |
| AFDM | 78.69 | 43 | I | Amb | 19 04 48.5 | |
| AFDM | | | | | | |
| KDAK | 78.70 | 14 | P | P | 19 04 46.3 | 0.0 |
| KDAK | | | | | | |
| KDAK | 78.70 | 14 | iP | P | 19 04 46.0 | -0.3 |
| KDAK | | | | | | |
| KDAK | 78.70 | 14 | P | P | 19 04 46.2 | -0.1 |
| KDAK | | | | | 19 04 47.4 | |
| RMX | 78.71 | 50 | I | Amb | 19 04 49.5 | |
| RMX | | | | | | |
| IKP | 78.72 | 50 | P | P | 19 04 48.4 | +1.3 |
| IKP | | | | | | |
| N02D | 78.76 | 40 | P | P | 19 04 48.5 | +1.3 |
| N02D | | | | | | |
| M02C | 78.91 | 40 | P | P | 19 04 49.4 | +1.4 |
| M02C | | | | | | |
| L02E | 78.91 | 39 | P | P | 19 04 49.0 | +1.2 |
| L02E | | | | | | |
| O03E | 78.92 | 41 | P | P | 19 04 48.6 | +0.6 |
| O03E | | | | | | |
| PFO | 78.94 | 49 | P | P | 19 04 49.1 | +0.7 |
| PFO | | | | | | |
| PFO | 78.94 | 49 | P | P | 19 04 49.3 | +0.9 |
| PFO | | | | | | |
| PFO | 78.94 | 49 | iP | P | 19 04 48.6 | +0.2 |
| PFO | | | | | | |
| PFO | | | pmax | pmax | | |
| PFO | | | pmax | pmax | | |
| PFO | 78.94 | 49 | P | P | 19 04 48.9 | +0.6 |
| PFO | | | | | | |
| TPFO | 78.94 | 49 | P | P | 19 04 49.2 | +0.9 |
| TPFO | | | | | | |
| LRMC | 79.03 | 47 | P | P | 19 04 49.7 | +0.9 |
| LRMC | | | | | | |
| SWSC | 79.09 | 50 | P | P | 19 04 50.0 | +1.0 |
| SWSC | | | | | | |
| K02D | 79.20 | 38 | P | P | 19 04 50.3 | +0.8 |
| K02D | | | | | | |
| RRX | 79.20 | 48 | P | P | 19 04 50.4 | +0.9 |
| RRX | | | | | | |
| YBH | 79.20 | 40 | P | P | 19 04 50.7 | +1.2 |
| YBH | | | | | | |
| YBH | 79.20 | 40 | I | Amb | 19 04 51.7 | |
| YBH | | | | | | |
| MDPB | 79.21 | 45 | I | Amb | 19 04 51.9 | |
| MDPB | | | | | | |
| CWC | 79.25 | 46 | P | P | 19 04 50.9 | +0.9 |
| CWC | | | | | | |
| RUBR | 79.28 | 43 | I | Amb | 19 04 51.6 | |
| RUBR | | | | | | |
| J01E | 79.32 | 38 | P | P | 19 04 50.9 | +0.9 |
| J01E | | | | | | |
| SDSI | 79.37 | 272 | P | P | 19 04 50.9 | 0.0 |
| SDSI | | | | | | |
| MLAC | 79.37 | 45 | P | P | 19 04 51.8 | +1.1 |
| MLAC | | | | | | |

2014 DEC

| | | | | | | |
|------|-------|--------|------|------|------------|------|
| WAKR | 79.44 | 44 | I | Amb | 19 04 53.3 | |
| WAKR | | | | | | |
| SLBS | 79.45 | 61 | P | P | 19 04 53.0 | +1.8 |
| SLBS | | | | | 19 04 53.6 | |
| MPMC | 79.46 | 47 | P | P | 19 04 52.2 | +1.0 |
| MPMC | | | | | | |
| BELC | 79.47 | 49 | P | P | 19 04 52.2 | +1.0 |
| BELC | | | | | | |
| CN2 | 79.47 | 323 | eS | S | 19 04 50.5 | -0.2 |
| CN2 | | | | | 19 14 05.5 | +3.5 |
| CN2 | | | pmax | pmax | | |
| TIN | 79.47 | 45 | P | P | 19 04 52.2 | +1.1 |
| TIN | | | | | | |
| GSC | 79.55 | 48 | P | P | 19 04 52.4 | +0.9 |
| GSC | | | | | | |
| BEKR | 79.60 | 42 | I | Amb | 19 04 53.1 | |
| BEKR | | | | | | |
| HEC | 79.64 | 48 | P | P | 19 04 52.7 | +0.7 |
| HEC | | | | | | |
| PNTR | 79.66 | 43 | I | Amb | 19 04 54.3 | |
| PNTR | | | | | | |
| KLR | 79.66 | 330 | P | P | 19 04 52.2 | +0.6 |
| KLR | | | | | | |
| KLR | 79.66 | 330ceP | | | 19 04 49.9 | -1.7 |
| KLR | | | pmax | pmax | | |
| BC3 | 79.69 | 50 | P | P | 19 04 53.5 | +1.2 |
| BC3 | | | | | | |
| L04D | 79.73 | 39 | P | P | 19 04 53.3 | +1.0 |
| L04D | | | | | | |
| M04C | 79.76 | 40 | P | P | 19 04 53.5 | +1.1 |
| M04C | | | | | | |
| WHN | 79.84 | 307 | P | P | 19 04 53.3 | +0.3 |
| GLA | 79.85 | 50 | P | P | 19 04 54.4 | +1.4 |
| LHV | 79.93 | 44 | I | Amb | 19 04 55.7 | |
| LHV | | | | | | |
| I03D | 79.98 | 38 | P | P | 19 04 54.3 | +0.9 |
| I03D | | | | | | |
| GRAC | 80.03 | 46 | P | P | 19 04 55.1 | +1.2 |
| GRAC | | | | | | |
| GMCC | 80.10 | 49 | P | P | 19 04 55.2 | +0.8 |
| GMCC | | | | | | |
| FURC | 80.11 | 47 | P | P | 19 04 55.1 | +0.9 |
| FURC | | | | | | |
| BKNI | 80.12 | 274 | P | P | 19 04 55.7 | +0.9 |
| BKNI | | | | | | |
| BKNI | 80.12 | 274 | I | Amb | 19 04 56.6 | |
| BKNI | | | | | | |
| PAHR | 80.14 | 43 | I | Amb | 19 04 56.5 | |
| PAHR | | | | | | |
| NVAR | 80.16 | 44 | P | P | 19 04 55.6 | +0.9 |
| NVAR | | | | | | |
| IRM | 80.16 | 49 | P | P | 19 04 55.8 | +1.2 |
| IRM | | | | | | |
| SHOC | 80.22 | 47 | P | P | 19 04 55.8 | +0.9 |
| SHOC | | | | | | |
| PDSI | 80.29 | 272 | P | P | 19 04 54.9 | -0.8 |
| PDSI | | | | | | |
| K04D | 80.30 | 39 | P | P | 19 04 | |

27d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Dot Lake, Milto, Murphy Dome, Newport, Whitehorse, Sand Creek, etc.

2014 DEC

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

1318

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKPS, SATY, SATY, TDK, TDK, TDK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CJR Cluj-Napoca, SECR Cluj-Napoca, PVCC Pansa Vest, etc.

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

PRU 27 19:09:59.0, 0.49, 34N, 18.53E, h0km, Czech and Slovak Republics

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

IGQ 27 19:11:20.2, 0.6, 1.0, 4.7, 8W, h2km, M4.4
RSNC 27 19:11:21.6, 1.0, 0.92N, 78.11W, h0km, 9km, ML3.6, Mw4.5

NEIC 27 19:11:23.6, 1.0, 0.82N, 78.10W, h0km, mb3.8, 7.
mb1.4/1.1, mb1mx3.9/4.4, mbtmp3.9/11, ML3.1/4, MS3.6/10,

NEIC 27 19:11:25.2, 1.9, 0.76N, 0.04, 78.13W, 0.04, h10km, 1km,
mb4.4/18, ML4.4(GQ), Error ellipse: s-maj=8.1km
s-min=5.2km az=144.0

ISC 27 19:11:23.3, 1.2, 0.74N, 0.04, 78.03W, 0.04, h4km, gkm, n67,
a172/61, mb4.2/15, MS3.7/5, Colombia-Ecuador border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M56A comp=2.11nm,0.8s, J56A Wolcott, ANCB Albuquerque, etc.

IDC 27 19:12:06.7, 0.8, 1.7, 81S, 179.65W, h644km, 7km, mb3.4/14,
mb1.3/6.15, mb1mx3.2/4.4, mbtmp4.1/15, Error ellipse:
s-maj=18.8km s-min=11.6km az=133.0

NEIC 27 19:12:06.2, 0.8, 1.7, 8S, 0.1, 179.6W, 0.2, h640km, 9km,
mb4.1/37, Error ellipse: s-maj=22.1km s-min=17.1km
az=112.0

ISC 27 19:12:04.7, 0.5, 1.7, 86S, 0.09, 179.5W, 0.1, h622km, n64,
a099/66, mb4.1/33, Fiji Islands region

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

27c 22h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WILB Vilhena, PESTR Estremoz, PMTG Montargil, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like FUORN Ofenpass-Fuorn, ITM Ithomi, NORC Norcasia, etc.

1322

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ZST Bratislava, TREC Trest, PRU Pruhonice, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like BUR08 Bucovina Ar. S, BIZ Bicaz, TESR Tescani, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like NC602 NORARS Array S, W56A Indran Trail, NB2 NORARS Subarra, etc.

Table with columns for call sign, location, frequency, and other details. Includes entries like SNA4 Sanae, SNA4 Sanae, SNA4 Sanae, etc.

27d 22h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like HRA Herat, ARU Arti, FFC Flin Flon, etc.

ISN 27 22:32:56.9 1.3, 36.44N, 44.21E, h0km, mb4, ML2.7
DDA 27 22:32:59.0, 36.32N, 44.20E, h11km, 4km, ML2.6
TEH 27 22:33:01.7, 36.34N, 44.61E, h10km, ML2.8
ISC 27 22:32:57.5-0.8, 36.22N, 0.03, 44.41E, h10km, n13,
o156/20, Iran-Iraq border region

2014 DEC

Table with columns: MSL, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MAHB Mahabad, HAKT HAKKARI, SIRN Sirnak, etc.

IDC 27 22:37:47.2, 0.8, 13.79S, 13.80W, h0km, mb4, 2/9,
mb1 4.3/9, mb1mx3/9, 36, mbmp4, 2/9, MS3, 7/5, Ms1 3/7,5,
ms1mx3, 4/25, Error ellipse: s-maj=29.7km s-min=21.0km
az=121.0
ISC 27 22:37:48.9, 0.8, 13.9S, 0.1x13.9W, 0.2, h10km, n19,
o130/15, mb4, 2/11, MS3, 5/5, Southern Mid-Atlantic
Region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LIC Lamto, KIC Kusan Boka, TIC Dimbokro, etc.

IDC 27 22:40:50.1, 0.5, 15.46N, 144.98E, h0km, mb4, 3/23,
mb1 4.4/23, mb1mx4.3/38, mbmp4, 3/23, MS3, 3/12,
Ms1 3.3/12, ms1mx3, 1/32, Error ellipse: s-maj=21.0km
s-min=11.5km az=69.0
BUJ 27 22:40:52.7, 0.0, 15.42N, 144.88E, h29km, mb4, 9/27,
mb4.5/43, Ms4.3/4, Ms7.4/24
NEIC 27 22:40:53.1, 1.1, 15.39N, 0.06, 144.79E, 0.05, h17km, 4km,
mb4, 7/48, Error ellipse: s-maj=10.3km s-min=5.9km
az=145.0
ISC 27 22:40:55.0, 0.4, 15.45N, 0.05, 144.95E, 0.10, h35km, n114,
o122/105, mb4, 6/62, MS3, 3/13, 1D, Mariana Islands
region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like GUMO Gumo, GUMU Gumo, GUMU Gumo, etc.

1324

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KS19 Wonju Array Si, HNR Honiara, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes entries like GYA0B ALIBECK ARRAY, YKA Yellowknife Ar, PINA Pine Mountain, etc.

IDC 27.23:02:13.3:4.1, 2.70S:136.23E, h0km, mb3.0/2, mb1 3.3/3, mb1mx3.2/20, mbtmp3.1/3, ML2.7/1, Error ellipse: s-maj=178.4km s-min=32.7km az=81.0, lrian

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

NEIC 28.00:10:30.1:2.6, 19.09S:0.09:168.0E:0.1, h10km, 2km, mb4.5/16, Error ellipse: s-maj=19.2km s-min=13.4km az=57.0

IDC 28.00:10:37.8:2.0, 19.04S:168.46E, h128km, 18km, mb3.7/9, mb1 3.9/12, mb1mx3.8/28, mbtmp4.3/12, MS3.1/6, Ms1 3.1/6, ms1mx2.8/33, Error ellipse: s-maj=19.0km s-min=16.2km az=162.0

ISC 28.00:10:24.0:0.8, 18.75S:0.05:168.7E:0.1, h10km, n39, a155/35, mb4.3/13, MS3.3/4, Vanuatu Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like SANVU Sarcoutou, DZM Mont Dzumac, MSFV Nonsavu, etc.

HEL 28.00:26:59.1:0.4, 6.778N:19.92E, h0km, ML1.8, Explosion UPP 28.00:26:59.7:0.1, 6.778N:20.20E, h0km, ML2.5, Explosion ISC 28.00:27:00.2:0.9, 6.781N:0.03:20.22E:0.03, h0km, n21, a099/28, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like RATU Laukkulussa, KOVU Salmi, NIKU Nikkaluokta, etc.

IDC 28.00:29:46.6:1.8, 1.56S:133.94E, h0km, mb3.5/2, mb1 3.8/5, mb1mx3.5/34, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=32.4km s-min=17.6km az=40.0, lrian

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like SIJI Sorong, SIJI 11nm,0.3s, SIJI 8.2nm,0.3s, etc.

IDC 28.00:43:02.7:0.8, 15.47N:145.06E, h0km, mb3.9/12, mb1 4.0/12, mb1mx3.8/38, mbtmp3.9/12, MS2.9/1, Ms1 3.2/1, ms1mx2.6/29, Error ellipse: s-maj=34.9km s-min=15.9km az=90.0

NEIC 28.00:43:08.6:2.1, 15.36N:0.07:144.76E:0.07, h35km, 6km, mb4.3/9, Error ellipse: s-maj=12.3km s-min=6.6km az=142.0

ISC 28.00:43:07.6:0.7, 15.39N:0.07:145.1E:0.2, h35km, n27, a0811/25, mb4.0/16, Mariana Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like GUMO Guam, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and station details. Includes entries like NVR comp=E,721um,0.3s, NVR comp=N,690um,0.3s, KAVA Kavala, etc.

28d 1h

Table with columns: PLG, Polygyros, 1.71 210, P, Pn, 01 21 02.8 -0.1, S, Sn, 01 21 25.1 +0.1, AML, AML, 01 21 30.1, 01 21 30.9, 01 21 03.0 +0.1, 01 21 26.9 +0.8, 1.71 210, P, S, 1.78 265, i Pn, i Sn, 1.86 242, PN, Pn, 1.90 128, PN, Pn, 1.95 290, eP, eS, 1.95 148, PN, Pn, 2.00 315, ePn, eSn, 2.02 166, P, Pn, 2.02 166, P, Pn, 2.04 299, P, Pn, 2.04 199, P, Pn, 2.06 135, PN, Pn, 2.23 311, PN, Pn, 2.24 296, ePn, Pn, 2.30 120, ePn, Pn, 2.30 120, PN, Pn, 2.32 112, eP, Pn, 2.50 106, PN, Pn, 2.54 124, PN, Pn, 2.59 320, ePn, Pn, 2.68 71, P, Pn, 2.75 311, ePn, Pn, 2.92 120, Pn, Pn, 3.03 101, PN, Pn, 3.47 303, eP, Pn, 3.47 307, eP, Pn, 3.58 326, i Pn, S, 3.59, 6, P, Pn, 3.67 299, eP, Pn, 3.75 40, P, Pn, 3.77 15, P, Pn, 4.03 305, ePn, Pn, 4.15, 8, P, Pn, 4.28 300, ePn, Pn, 8.24 323, eSn, S, Sn

JMA 28 01:22:22.1±0.1, 39.88N; 142.17E, h47km, 1km, M3.2
IDC 28 01:22:23.5±0.2, 39.95N; 142.26E, h95km, 28km, mb2.9/2,
M1 2.9/4, mb1m2.2, mb3mp3.1, Error ellipse:
s-maj=55.1km s-min=19.3km az=102.0

ISC 28 01:22:20.7±1.3, 39.89N; 0.04:142.22E±0.10, h51km, gkm,
n21, i147/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JTH Tanohata, 0.28 280, P, Pn, 01 22 30.7 +0.9, JTH Matsushiro Arr, 4.60 225, P, Pn, 01 22 35.0 +0.2, MIYJ Miyakonagasawa, 0.44 225, P, S, 01 22 31.9 +0.5, MIYJ Kujiedanarisaw, 0.51 309, P, S, 01 22 32.7 +0.6, JKEN Kuzumaki, 0.69 278, P, S, 01 22 35.4 +0.9, JJKZ Nango, 0.73 312, P, S, 01 22 35.7 +0.6, JANG Ohasama, 0.83 240, P, S, 01 22 36.9 +0.7, JOM Ofunato, 0.92 208, P, S, 01 22 39.6 +0.1, OFLU Ichinoseki, 1.22 220, P, S, 01 22 42.4 +1.0, JMK Hinai, 1.26 284, P, S, 01 22 43.0 +1.1, JTM Tenmabayashi, 1.26 316, P, S, 01 22 43.0 +1.1, JRJG Asahikawa, 4.25 4, P, Pn, 01 23 23.4 +0.8, ASAJ 0.6nm, 0.3s, baz=180, slow=19, SNR=1.2, S, Sn, 01 24 13.9 +3.2, MJAR 0.3nm, 0.3s, baz=213, slow=20, SNR=2.2, P, Pn, 01 23 31.8 +4.1, H1N2 WAKE ISLAND Hy 29.19 126, T, T, 01 58 56.9, H1N1 WAKE ISLAND Hy 29.10 126, T, T, 01 58 59.0, H1N3 WAKE ISLAND Hy 29.10 126, T, T, 02 00 00.7, H1S1 WAKE ISLAND Hy 30.00 128, T, T, 02 00 05.7, H1S3 WAKE ISLAND Hy 30.00 128, T, T, 02 00 19.7, MK12 WAKE ISLAND Hy 30.02 128, T, T, 02 00 19.7, MRAR Makanchi Array, 43.20 300, P, P, 01 30 14.8 -1.7, WRA Warramunga Arr, 59.97 189, P, P, 01 32 20.3 -1.5

IDC 28 01:27:10.9±0.9, 13.49S; 174.35E, h0km, mb4.0/7,
mb1 4.3/8, mb1mx3.9/0, mbtpm4.0/8, ML4.4/1, MS3.6/9,
Ms1 3.6/9, ms1mx3.3/26, Error ellipse: s-maj=34.8km
s-min=22.8km az=149.0
NEIC 28 01:27:13.2±2.4, 13.37S; 0.09:174.38E±0.09, h18km, 4km,
mb4.8/14, Error ellipse: s-maj=13.9km s-min=11.7km
az=154.0

ISC 28 01:27:12.1±0.6, 13.4S; 0.1:174.41E±0.10, h10km, n35,
e121/25, mb4.5/15, MS3.5/9, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, MSVF Non savu, 5.55 141, Pn, Pn, 01 28 35.1 +0.2, FUNA Funafuti, 6.75 45, Pn, Pn, 01 28 49.3 -2.0, SANVU Saravou, 7.27 59, Pn, Pn, 01 28 57.7 -0.8, DZM Mont Dzumac, 11.48 220, eLR, LR, 01 33 37.5, DZM Mont Dzumac, 11.48 220, LR, LR, 01 33 37.5, HNR Honiara, 25.22 111, P, P, 01 35 45.5, RAR Rarotonga, 25.82 111, P, P, 01 32 43.1 -0.6, SNZO South Karori, 27.81 180, P, P, 01 33 01.9 +0.5, H1S2 WAKE ISLAND Hy 32.59 346, T, T, 02 08 53.5, H1S3 WAKE ISLAND Hy 32.59 346, T, T, 02 08 35.9, H1S1 WAKE ISLAND Hy 32.59 346, T, T, 02 08 54.0, PPT Papeete, 34.92 102, LR, LR, 01 45 24.5, PPT2 Papeete2, 34.92 102, eLR, LR, 01 43 29.9, STKA Stephens Creek, 35.23 233, LR, LR, 01 45 59.4, TBI Tubuai, 35.60 111, LR, LR, 01 43 49.5, WRA Warramunga Arr, 38.86 255, P, P, 01 34 37.5 -0.5, WRA Warramunga Arr, 38.86 255, P, P, 01 36 49.5 +0.4, AS31 Alice Springs, 38.62 249, P, P, 01 34 43.5 -0.8, ASAR Alice Springs, 38.62 249, P, P, 01 34 43.7 -0.6, ASAR 1.0nm, 0.9s, baz=99, slow=3.4, SNR=5.8, P, P, 01 36 51.2 -0.3, ASAR comp=Z, 107nm, 19.3s, baz=48, slow=34, P, P, 01 49 18.5, FORT Forrest, 45.95 240, P, P, 01 35 37.3 +1.8, FORT comp=Z, 15nm, 0.8s, P, P, 01 37 21.9 +1.0, MJAR Matsushiro Arr, 60.27 327, P, P, 01 32 21.9 +1.0, VJND Vanda, 64.44 183, LR, LR, 02 00 56.8

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Table with columns: KSR5 Korea Array, 66.81 321, LR, LR, 02 06 21.8, ENH Enshi, 76.04 306, P, P, 01 38 59.4 -0.7, ENH comp=Z, 25nm, 1.3s, P, Iamb, 01 39 00.8, QSPA South Pole Qui, 76.62 180, P, P, 01 39 02.4 -0.5, NVAR Mina Array Bea, 81.22 47, P, P, 01 39 30.4 +1.7, HDA Harding Lake, 82.95 16, P, P, 01 39 39.0 +2.0, HDA comp=Z, 12nm, 1.3s, P, Iamb, 01 39 41.0, DOT Dot Lake, 83.16 17, P, P, 01 39 39.4 +1.3, DOT comp=Z, 7.1nm, 1.3s, P, Iamb, 01 39 42.1, IL31 83.26 16, P, P, 01 39 39.9 +1.4, IL31 comp=Z, 8.7nm, 1.2s, P, P, 01 39 39.3 +0.8, ILAR Eielson Array, 83.26 16, P, P, 02 08 20.0, ILAR comp=Z, 2.8nm, 0.9s, baz=236, slow=5, SNR=15, LR, LR, 02 08 20.0, X16A Lo Mia Camp, P, 84.83 53, P, P, 01 39 49.8 +2.3, X16A comp=Z, 3.3nm, 0.9s, P, Iamb, 01 39 53.2, U15A North Rim, 84.87 51, P, P, 01 39 47.8 +0.1, U15A comp=Z, 6.8nm, 1.3s, P, Iamb, 01 39 52.9, ANMO Albuquerque, 88.89 54, P, P, 01 40 05.5 -1.7, ANMO comp=Z, 4.5nm, 1.4s, P, Iamb, 01 40 10.0, PD31 Pinedale Array, 89.02 46, P, P, 01 40 06.8 -0.9, PDAR Pinedale Array, 89.02 46, P, P, 01 40 08.3 +0.6, comp=Z, 1.1nm, 1.1s, baz=242, slow=3.2, SNR=5.2, P, P, 01 40 26.9 +0.3, YKA Yellowknife Ar, 93.25 26, P, P, 02 06 19.1, comp=Z, 0.4nm, 0.9s, baz=246, slow=4.6, SNR=3.2, LR, LR, 02 06 19.1, comp=Z, 3.9nm, 20.9s, baz=0.0, slow=32, S, S, 01 45 13.2 -4.6

IDC 28 01:33:10.7±1.6, 10.02N; 126.110E, h43km, 14km, mb3.0/25,
mb1 4.1/26, mb1mx4.0/45, mbtpm4.2/26, ML4.6/1, MS3.5/17,
Ms1 3.5/17, ms1mx3.3/42, Error ellipse: s-maj=23.5km
s-min=10.3km az=82.0
MAN 28 01:33:11.8, 10.00N; 126.07E, h8km, mb4.9, ML3.9, MS3.9,
NEIC 28 01:33:12.1±1.7, 10.01N; 0.07:126.1E±0.1, h53km, 6km,
mb4.6/48, Error ellipse: s-maj=14.8km s-min=10.6km
az=81.0
ISC 28 01:33:11.1±0.7, 10.03N; 0.04:126.26E±0.06, h46km, 6km,
n109, e117/1109, mb4.5/43, MS3.4/14, 3C-1D, Philippines
Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, GLSP General Luna, 0.27 208, eP, Pn, 01 33 17.6 -2.1, GLSP 0.33 22.5 -3.1, BUTP Butuan, 1.22 211, eP, Pn, 01 33 31.8 0.0, BUTP 01 33 31.4 +4.2, MSLP Maasin, 1.38 275, eP, S, 01 33 34.0 +0.1, MSLP 01 33 52.2 +1.2, BESP Borongan, 1.76 333, eP, S, 01 33 40.9 +1.8, BESP 01 33 42.4 +1.2, OCLP Cagayan de Oro, 2.20 225, eP, S, 01 34 07.3 +3.2, OCLP 01 34 12.9 +1.8, LLP Lapu-Lapu, 2.27 277, eP, S, 01 33 47.8 +1.6, LLP 01 34 16.6 +3.6, BULP Musuan, 2.44 209, eP, S, 01 33 50.8 +2.3, BULP 01 34 21.2 +4.1, CUPP Catarman, 2.92 328, eP, S, 01 33 42.9 +2.2, CUPP 01 34 39.3 +1.0, DAV Davao City (W), 3.01 193, P, S, 01 33 56.1 -0.2, DAV 50nm, 0.3s, baz=161, slow=22, SNR=5.1, S, Sn, 01 34 33.7 +2.5, DAV Davao City (W), 3.01 193, P, S, 01 33 58.6 +2.3, DAV 01 34 00.3 +3.3, MATI Mati, 3.06 180, eP, S, 01 34 39.1 +6.7, MATI 01 34 02.1 +2.9, KNP Kidapawan, 3.21 201, i P, S, 01 34 05.4 +1.4, KNP 01 34 06.4 +1.1, CNOP Candoni, Negro, 3.57 267, eP, S, 01 34 06.3 +1.1, CNOP 01 34 47.7 +0.5, GUM Don Marcelino, 3.93 188, eP, S, 01 34 11.8 +2.2, GUM 01 34 23.2 +2.2, PVCP Virac, 4.10 330, eP, S, 01 35 15.9 +1.8, PVCP 01 34 44.7 +5.2, MYLMD Lahad Datu, 9.07 239, Pn, Pn, 01 35 19.6 0.0, MYLMD 01 35 23.0 +0.9, LUVI Luvu, 11.53 198, Pn, Pn, 01 34 43.0 +0.2, LUJI Sorong, 11.92 155, LR, LR, 01 40 49.1, FAKI Fak Fak, 14.18 155, Pn, Pn, 01 36 29.6 +0.3, TPUB Ta-pu, 14.25 339, Pn, Pn, 01 36 29.5 +1.1, SLSB Suanglung, 14.25 340, Pn, Pn, 01 36 30.0 +1.2, SBUM Sibiu, 15.85 243, Pn, Pn, 01 36 57.3 -0.8, KNMB Chin-men Tao, 16.20 333, P, P, 01 45 02.5, GUMO Guam, 18.56 77, LR, LR, 01 37 24.7 +0.1, SAUI Saumaki, 18.56 164, P, P, 01 44 13.1, JAYAPURA Jayapura, 18.03 130, LR, LR, 01 37 42.1 -0.8, BATI Baumenta, 20.27 187, P, P, 01 47 58.4, BATI comp=Z, 232nm, 19.4s, baz=16, slow=35, LR, LR, 01 45 13.3, JCI Chichijima, 22.68 39, LR, LR, 01 38 14.6 +0.1, JCI 2.118nm, 21.3s, baz=96, slow=32, LR, LR, 01 48 36.0, MTN Mantion Dam, 23.23 166, P, P, 01 49 53.2, JNU Nukatase, 23.29 10, LR, LR, 01 38 36.4 -0.1, JNU comp=Z, 66nm, 18.3s, baz=167, slow=40, LR, LR, 01 38 45.8, LEM Lang, 25.00 229, LR, LR, 01 38 45.8, IPM Ipo, 25.62 259, P, Iamb, 01 49 03.5, IPM comp=Z, 15nm, 1.0s, LR, LR, 01 49 03.5, JHJ Hachiojima 2nd, 26.14 26, LR, LR, 01 38 51.4 -0.5, JHJ comp=Z, 1.11nm, 20.3s, baz=274, slow=36, LR, LR, 01 49 15.2, KSR5 Korea Array, 27.35 18, LR, LR, 01 38 54.9 -0.7, KSR5 comp=Z, 1.2nm, 0.8s, baz=188, slow=10, SNR=2.3, LR, LR, 01 49 15.2, CM31 Chiang Mai Arr, 27.74 291, P, P, 01 38 54.4 -1.2, CM31 comp=Z, 58nm, 21.9s, baz=162, slow=35, LR, LR, 01 51 28.3, CMAR Chiang Mai Arr, 27.74 291, P, P, 01 38 54.0 -2.3, CMAR comp=Z, 3.7nm, 0.8s, baz=105, slow=7.1, SNR=12, LR, LR, 01 38 57.2 -0.1, CHAT Chiang Mai, 27.82 190, P, P, 01 52 36.9, CHAT comp=Z, 108nm, 18.2s, baz=160, slow=40, LR, LR, 01 52 36.9, FITZ Fitzroy Crossi, 27.95 181, P, P, 01 52 36.9, FITZ comp=Z, 3.0nm, 0.8s, baz=116, slow=8.6, SNR=12, LR, LR, 01 52 36.9, PSI Prapat, 28.28 257, LR, LR, 01 52 36.9, PMG Port Moresby, 28.38 132, P, P, 01 39 02.3 +1.0, PMG 01 39 03.9, MJAR Matsushiro Arr, 28.53 20, P, P, 01 39 01.6 -0.9, MJAR comp=Z, 0.4nm, 0.3s, baz=190, slow=8.3, SNR=4.2, LR, LR, 01 49 23.0, XAN Xian, 28.70 329, P, Iamb, 01 39 03.8 -0.5, XAN comp=Z, 1.2nm, 0.7s, LR, LR, 01 50 50.5, KRVT Keravat (AS076), 29.35 118, LR, LR, 01 39 22.3 -0.6, KRVT comp=Z, 56nm, 18.5s, baz=287, slow=36, LR, LR, 01 42 19.9 +0.5, WRA Warramunga Arr, 30.83 165, P, P, 01 44 19.9 +0.5, WRA comp=Z, 0.4nm, 0.5s, baz=292, slow=3.1, SNR=12, P, P, 01 45 57.6 -0.9, WRA 0.5nm, 1.0s, baz=86, slow=2.9, SNR=3.4, P, P, 01 39 23.4 -0.1, WRA comp=Z, 0.5nm, 0.7s, baz=343, slow=1.4, SNR=3.5, S, ScP, 01 39 23.4 -0.1, WRO Warramunga Arr, 30.89 165, P, P, 01 39 23.4 -0.1, WRO comp=Z, 0.8nm, 0.9s, baz=335, slow=3.2, SNR=8.4, P, P, 01 39 29.3 +1.6, BJT Baijiatuu, 31.19 345, P, Iamb, 01 39 29.3, AS31 Alice Springs, 34.31 167, P, P, 01 39 53.7 +0.3, AS31 Alice Springs, 34.31 168, P, P, 01 39 53.7 +0.3, ASAR 0.9nm, 0.3s, baz=353, slow=7.3, SNR=18, P, P, 01 42 27.7 -1.2, ASAR comp=Z, 0.6nm, 0.8s, baz=348, slow=3.1, SNR=2.7, P, P, 01 45 13.2 -4.6

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Table with columns: ASAR comp=Z, 0.5nm, 0.8s, baz=350, slow=20, SNR=4.3, ScP, ScP, 01 46 09.9 -0.5, USRK Ussuriysk Arr, 34.41, 7, P, P, 01 59 54.1 +0.2, comp=Z, 1.5nm, 0.7s, baz=193, slow=8.6, SNR=4.1, ASAJ Asahikawa, 36.80 20, LR, LR, 01 56 57.6, HNR Honiara, 38.70 119, LR, LR, 01 53 49.4, comp=Z, 91nm, 21.7s, baz=308, slow=32, KLR Kul'dud, 39.35 6, P, P, 01 40 35.9 0.0, comp=Z, 0.8nm, 0.5s, baz=189, slow=14, SNR=2.8, KLR comp=Z, 54nm, 20.4s, baz=191, slow=33, LR, LR, 01 54 53.9, H1S3 WAKE ISLAND Hy 40.00 73, T, T, 02 03 41.8, H1S1 WAKE ISLAND Hy 40.02 73, T, T, 02 23 41.7, H1S2 WAKE ISLAND Hy 40.02 73, T, T, 02 23 41.8, H1N1 WAKE ISLAND Hy 40.34 71, T, T, 02 24 06.9, H1N2 WAKE ISLAND Hy 40.35 71, T, T, 02 24 10.8, H1N3 WAKE ISLAND Hy 40.36 71, T, T, 02 24 07.6, FORT Forrest, 40.61 178, P, P, 01 40 47.0 +0.4, ULN Ulanbataar, 41.05 340, P, P, 01 40 50.5 +0.3, SONM comp=Z, 2.3nm, 0.8s, baz=162, slow=8.3, SNR=9.9, P, P, 01 42 49.5 -0.5, SONM comp=Z, 0.6nm, 0.8s, baz=139, slow=6.8, SNR=2.4, P, P, 01 46 37.3 +0.9, SONM comp=Z, 1.9nm, 1.0s, baz=132, slow=4.2, SNR=8.9, P, P, 01 41 11.7 +0.7, BBOO Buckleboe, 43.61 168, P, Iamb, 01 41 13.3, STKA Stephens Creek, 44.18 161, P, P, 01 41 16.0 +0.5, STKA comp=Z, 1.3nm, 0.3s, baz=333, slow=7.5, SNR=6.9, P, P, 01 41 16.1 +0.6, TLY Talaya, 45.46 340, P, Iamb, 01 41 27.3 +1.7, TLY comp=Z, 2.8nm, 1.0s, P, Iamb, 01 41 39.0, YAK Yakutsk, 51.97 2, P, P, 01 42 15.9 +0.6, MK31 Makanchi Array, 52.21 323, P, P, 01 42 17.3 -0.7, MK31 comp=Z, 3.7nm, 0.8s, P, Iamb, 01 42 22.8, MKAR Makanchi Array, 52.21 323, P, P, 01 42 17.0 -0.5, MKAR comp=Z, 4.5nm, 0.8s, baz=121, slow=8.2, SNR=30, P, P, 01 43 28.8 +0.2, MKAR comp=Z, 1.5nm, 0.8s, baz=115, slow=5.3, SNR=1.6, P, P, 01 47 21.4 -0.7, MKAR comp=Z, 2.0nm, 0.7s, baz=134, slow=4.2, SNR=9.9, P, P, 01 42 18.3 -0.6, MAKZ Makanchi, 52.41 323, P, P, 01 42 28.7 -1.2, NIL Niore, 53.86 304, P, Iamb, 01 42 33.9, NIL comp=Z, 7.2nm, 0.8s, P, Iamb, 01 42 35.2 -1.4, ZALV Zalesovo Beam, 54.83 331, P, P, 01 42 45.9 +0.7, SEY Seymchan, 56.06 14, P, P, 01 42 45.9 +0.7, KURK Kurchatov, 56.26 326, P, P, 01 42 46.5 -0.3, KURK comp=Z, 7.0nm, 0.8s, P, Iamb, 01 42 56.0 +0.1, KBL Kabul, 57.46 305, P, Iamb, 01 42 59.5, KBL comp=Z, 3.6nm, 0.7s, P, Iamb, 01 43 01.8 -0.4, KK31 Karatay Array, 58.41 315, P, P, 01 43 02.0 -0.2, KKAR Karatay Array, 58.41 315, P, P, 01 43 24.1 +0.7, TIXI Tiksi, 61.59 1, P, P, 01 43 26.3 +0.3, BRVK Borovoye, 61.93 325, P, Iamb, 01 43 29.8, BRVK comp=Z, 6.5nm, 1.1s, P, Iamb, 01 43 33.8 0.0, HRA Herat, 62.99 303, P, Iamb, 01 44 44.0, NRIK Nori'sk, 64.25 346, P, P, 01 43 40.6 -0.5, NRIK comp=Z, 0.7nm, 0.3s, baz=116, slow=6.0, SNR=2.6, P, Iamb, 01 43 42.8, NRIK comp=Z, 8.3nm, 1.3s, P, Iamb, 01 43 58.6 -1.0, ARU Aru, 67.05 319, P, P, 01 44 13.2 -1.1, ARU 69.42 327, P, P, 01 44 59.1 +0.9, KDAK Kodiak Island, 76.67 330, P, P, 01 44 58.8 +0.3, CASY comp=Z, 4.8nm, 1.0s, baz=186, slow=4.2, SNR=1.4, P, P, 01 45 02.2 -1.2, RAYN Ar Rayn, 77.65 292, P, Iamb, 01 45 14.8, RAYN comp=Z, 5.6nm, 1.1s, P, P, 01 45 07.5 +1.3, COLD Coldfoot, 78.32 23, P, P, 01 45 07.3 -1.0, GEVA Gevas, 78.55 307, P, Iamb, 01 45 17.2, GEVA comp=Z, 5.3nm, 1.1s, P, Iamb, 01 45 14.2 +0.7, IL31 79.66 26, P, P, 01 45 58.7, IL31 comp=Z, 2.0nm, 1.9s, P, Iamb, 01 45 13.5 -0.1, ILAR Eielson Array, 79.66 26, P, P, 01 45 13.5 -0.1, ILAR comp=Z, 1.0nm, 0.9s, baz=249, slow=5.9, SNR=8.0, P, P, 01 45 32.5, BARN Barnard Glacier, 82.31 29, Iamb, Iamb, 01 45 32.5, HAYT Haines Junctio, 84.36 29, P, Iamb, 01 45 39.6 +1.1, HAYT comp=Z, 7.8nm, 0.9s, P, Iamb, 01 45 42.5, ARCS ARCES Array B, 84.42 340, P, P, 01 45 38.0 -0.4, comp=Z, 2.0nm, 0.7s, baz=57, slow=5, SNR=6.0, INK Inuvik, 85.41 22, P, P, 01 45 38.0 -0.1, comp=Z, 4.0nm, 1.0s, baz=273, slow=7.4, SNR=6.8, BRTR Keskin Array B, 85.67 309, LR, LR, 02 29 32.3, FINES Fines Array B, 86.10 332, P, P, 01 45 45.9 -1.0, comp=Z, 1.9nm, 2.0s, baz=245, slow=40, AKAS Malin Array Be, 86.74 321, P, P, 01 45 49.4 -1.0, comp=Z, 1.9nm, 0.7s, baz=63, slow=4.7, SNR=4.0, C36M Paulatuk, 87.47 20, Iamb, Iamb, 01 46 00.5, comp=Z, 4.5nm, 0.8s, P, P, 01 46 03.2 -0.5, VANDA Vanda, 89.69 173, P, P, 01 46 15.1, VANDA comp=Z, 0.5nm, 0.9s, baz=313, slow=1.7, SNR=1.7, Iamb, Iamb, 01 46 15.1, RES Resolute Bay, 91.74 10, P, P, 01 46 14.6 +1.2, comp=Z, 1.6nm, 0.7s, baz=347, slow=5.2, SNR=5.7, YKA Yellowknife Ar, 93.98 24, P, P, 01 46 25.2 +1.2, comp=Z, 3.0s, 30s, baz=304, slow=4, SNR=25, GERES GERES Array B, 96.88 322, P, P, 01 46 35.5 -2.1, comp=Z, 0.5nm, 0.6s, baz=84, slow=5.0, SNR=4.0, TORD Torodi Arr, 120.34 292, PKP, PKP, 01 51 57.7 -0.7, comp=Z, 0.9nm, 0.7s, baz=84, slow=1.6, SNR=3.3, PASO Paso Flores, 145.99 157, PKP, PKP, 01 52 46.5 +0.2, comp=Z, 1.3nm, 1.1s, baz=252, slow=6.4, SNR=1.2

STAP 28 01:36:11.7, 24.18N; 121.268E, h10km, ML2.4, C, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, NACB Ninganchiao, 0.08 267, P, P, 01 36 16.6 +1.0, NACB comp=Z, 208nm, 18.4s, baz=130, slow=35, baz=267, S, Sg, 01 36 16.6 +1.0, TWD Taiwan, 25.22 111, eP, Sg, 01 36 15.4 +0.7, TWD comp=Z, 215, P, P, 01 36 16.5 +0.9, ET LH XiuLin Townsh, 0.18 279, P, P, 01 36 19.9 +1.5, ET LH comp=Z, 279, S, Sg, 01 36 18.9 -0.5, ENAH Nanao, 0.29 24, eP, P, 01 36 19.9 -0.5, NNSB Datong, 0.37 313, eP, P, 01 36 27.5 -0.5, NNSB comp=Z, 312, eS, S, 01 36 20.1 -0.3, NNSH Datong, 0.37 313, P, P, 01 36 25.8 -0.5, NNSH comp=Z, 312, eS, S, 01 36 20.1 -0.7, WHF Wufeng Shan, 0.38 265, P, P, 01 36 26.5 -0.4, WHF comp=Z, 264, eS, S, 01 36 20.2 -0.4, NNS Nan Shan, 0.38 313, eP, P, 01 36 26.8 -0.4, NNS comp=Z, 313, eS, S, 01 36 20.8 -0.3, FUSS Fushou, 0.40 280, eS, S, 01 36 27.0 -0.4, FUSS comp=Z, 279, S, S, 01 36 27.0 -0.4

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S2 WAKE ISLAND Hy 37.68 215 T, NVAR Mima Array Bea 38.94 89 P, PDAR Pinedale Array 41.71 77 P, etc.

WEL 28 09:31:10.9±1.1, 34°±19'±18'0W±2'2, h284km±29km, M4.0/17, mB4.1/3, MLV4.1/17, Mw(mB)3.1/3, Error ellipse: s-maj=0.0km s-min=0.0km az=118.9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAZ Te Kaha 3.73 209 P, PKGZ Pakihiroa 3.74 205 P, RUGZ Rukumara Rang 3.95 208 P, etc.

WEL 28 09:42:06.8, 45°S±2'±16'7E±', h121km±3km, M3.2/12, MLV3.2/12, Error ellipse: s-maj=0.0km s-min=0.0km az=74.5, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DCZ Deep Cove 0.38 217 P, MLZ Mavora Lakes 0.50 115 P, MSZ Milford Sound 0.58 34 P, etc.

IDC 28 09:59:18.9±26.0, 15.98S±173.88W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.8/40, mbtmp4.2/4, Error ellipse: s-maj=494.2km s-min=153.7km az=73.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA Charters Tower 38.05 248 P, STKA Stephens Creek 43.35 250 P, WRA Warramunga Arr 49.27 257 P, etc.

IDC 28 10:11:15.9±1.1, 20°43N±93.55E, h0km, mb3.6/6, mb1 3.6/7, mb1mx3.4/47, mbtmp3.5/7, ML3.6/1, MS2.5/1, Ms1 2.7/1, ms1mx2.3/27, Error ellipse: s-maj=42.3km

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s-min=20.1km az=46.0, ISC 28 10:11:21.4±0.1, 20°44N±02°93'5E±0.1, h35km, n14, c=136/15, mb3.4/6, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr 5.45 110 Pn, CMAR Odare 3.9m,0.2s, baz=290, slow=13, SNR=5.3, CMAR Taplejung 8.76 324 eP, etc.

UCR 28 10:17:53.9±3.5, 12°07N±89°82W, h124km±183km, ML3.6, SNET 28 10:17:59.5±1.6, 12°45'N±89°98W, h12km, 19km, ML3.4, ISC 28 10:17:46.7±7.9, 11°39N±03°90'0W±0.2, h10km, n15, c=051/17, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAYA Jayaqay - finc 1.87 18 eP, JAYA Jayaqay - finc 1.87 18 eP, LFRS El Faro 1.99 28 eP, etc.

SKHL 28 10:44:55.3±0.5, 43°57'N±148°21'E, h47km±1km, mb3.8/3, JMA 28 10:44:55.7±0.4, 44°54'N±146°52'E, h156km, M3.0, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk 0.61 222 eP, YUK Yuzh-Kuril'sk 40nm,0.3s, GRPR Tuma 0.89 224 AMB, etc.

IDC 28 10:48:16.4±2.2, 13°41'N±123°49'E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/40, mbtmp3.6/5, MS3.2/2, Ms1 3.3/2, ms1mx2.6/40, Error ellipse: s-maj=233.5km s-min=20.2km az=65.0

MAN 28 10:48:17.1, 13°79'N±123°37'E, h1km, mb4.7, ML3.6, MS3.5, MAN Intensity II - Calabanga, Camarines Sur, ISC 28 10:48:17.2±1.1, 13°63'N±104°123'33E±0.02, h6km, 9km, n20, c=156/21, mb3.7/5, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCSJP San Jose Seism 0.19 83 eP, SCSJP Virac 0.80 92 eP, JONP Jose Panganiba 0.90 317 eP, etc.

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GEYT Lidbeck 62.25 306 LR, comp=Z,3.1nm,19.2s,baz=205,slow=38, LR 11 28 24.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 28 11:11:31.6, 23°15'N±121°55'E, h0km, M3.3, TAP 28 11:11:34.4, 23°19'N±121°36'E, h16km, ML3.6, B, ISC 28 11:11:33.8±0.9, 23°16'N±02°121'43E±0.02, h19km±2km, n108, c=079/159, 4C-1Z, Taiwan

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KIV, KIBZ, MCMT, RYN, BOZ, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKKB, MWC, TCUT, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PV11, PV18, N23A, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries for KRUC, PRU, T25A, SRO, SRO2, SRO2, MODS, ANMO, ZST, PBCC, NEZ, HERR, VRZ, SPMN, NKX, Y2D2, BGNE, BGNE, BNM, RAYN, RAYN, RAYN, KHC, KHC, KHC, 121A, 121A, CONA, L34A, GERES, GRZ, G1A1, G1A1, GRF, GRF, CBKS, CBKS, CBKS, PPT, PPT, RZN, VTS, VTS, ARSA, ARSA, DUWZ, NNZ, DVHZ, MRZ, MMB, ELL, ELL, N35A, THZ, SOKA, BFZ, CAW, OBKA, KBA, SCIA, SCIA, BGES, MATO, KATU, KSU1, KSU1, MNXT, MNXT, MNXT, MSTX, MSTX, SNF, SNF, AMTX, BMRD, BMRD, WATA, ABTA, MOTA, RETA, JFWS, SOTA, OXZ, KAN12, BFO, BFO, FETA, LSQO.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries for DAVA, CHGO, KAN13, ECH, ECH, ECH, CROK, P38A, P38A, DAVOX, GLMI, VLDO, T35A, T35A, TUE, TUE, WMOK, WMOK, WMOK, WMOK, BCOK, L44A, P40A, OK023, OK031, OK03A, OK030, TBI, HDIL, TX31, TX32, TX32, TXAR, TXAR, S39A, S39A, R40A, R40A, ABTX, ABTX, ABTX, HPIG, HPIG, ALGO, D55A, U38A, U38A, D56A, O44A, O44A, E55A, G54A, G54A, CCM, CCM, CCM, E56A, E56A, LATQ, LATQ, MGMO, MGMO, ZF5A, ZF5A, AAM, D58A, D58A, U40A, U40A, Q44A, FVM, FVM, FVM, E57A, TRQ, D59A, JCT, P46A, W39A, T42A, D61A, OLIL, WHTX, WHTX, D60A, D60A, FCAR, FCAR, S44A, SIUC, G57A, PBMO, MIAR, MIAR, MIAR, MIAR, E60A, F59A, WHAR, Z38A, F60A, G58A, G58A, E61A, E61A, W41B.

28d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries for W41B, H57A, D63A, 435B, X40A, X40A, X40A, LONY, F61A, L53A, P49A, P49A, MOQ, I57A, H59A, H58A, HBAR, ACSO, G60A, E63A, WLAR, WCI, WCI, WCI, G61A, J57A, E64A, 833A, K56A, NCB, NCB, H60A, M54A, N53A, G62A, G62A, J58A, J58A, VTI, K57A, F64A, H61A, X43A, L56A, J59A, J59A, O53A, I60A, Q51A, Q51A, PKME, H62A, H62A, G63A, P52A, K58A, K58A, WVT, M56A, G64A, ACCN, L57A, I61A, I61A, H63A, K59A, BINY, H64A, L58A, I62A, I62A, N56A, J61A, J61A, M57A, L59A, K60A, H65A, T50A, T50A, M58A, Q53A, V48A, V48A, K61A, N57A, O56A, Y45A, ZAI, ZAI, P56A, P56A.

28D 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like K63A Dunstable, R54A Victor, R55A Marlin, P58A Pank, Wackers, etc.

DC 28 11:58:21.0-0.8, 8.65S: 115.81E, h113km, 7km, mb3.9/13, mb1.4/0.15, mb1mx3.8/39, mbtmp4.3/15, Error ellipse: s-maj=19.6km s-min=9.4km az=58.0, DJA 28 11:58:20.4-0.3, 9.3S: 116.11E, h122km, 3km, M4.8/18, mb5.2/7, mb4.9/9, MLV4.9/18, Mw(mb)4.7/7, NEIC 28 11:58:21.3-2.2, 8.73S: 0.10, 115.77E: 0.07, h118km, 8km, mb4.3/20, Error ellipse: s-maj=13.9km s-min=9.8km az=182.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DNP Denpasar, SRBI Singaraja, TWSI Taliwang, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WB2 Warramunga, WRO Warrungarra, etc.

DC 28 12:04:36.2-0.7, 56.77S: 150.78W, h0km, mb4.1/5, mb1.4/3.5, mb1mx4.0/27, mbtmp4.1/5, MS3.6/4, Ms1.3/6.4, ms1mx3.2/26, Error ellipse: s-maj=90.3km s-min=20.4km az=8.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VANDA Vanda, URZ Urewera, TBI Taravao, etc.

1344

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR 0.4nm, 0.4s, baz=87, slow=9.4, SNR=29, NVAR Mina Array, etc.

DC 28 12:25:17.8: 2.5, 28.85N: 47.54E, h0km, mb3.7/5, mb1.3/7.5, mb1mx3.4/41, mbtmp3.7/5, Error ellipse: s-maj=56.5km s-min=30.2km az=157.0, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKASA Malin Array, MKAR Makanchi Array, etc.

DC 28 12:35:21.5: 0.9, 5.58S: 149.69E, h178km, 10km, mb3.6/14, mb1.3/7.16, mb1mx3.6/34, mbtmp4.1/16, MS2.0/1, Ms1.2/0.1, ms1mx2.0/21, Error ellipse: s-maj=18.6km s-min=7.6km az=120.0

DC 28 12:35:19.5: 0.6, 5.44S: 0.909, 149.55E: 0.10, h150km, n17, s188/21, mb3.1/3, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, PMG Port Moresby, WRA Warramunga, etc.

DC 28 12:37:06.3: 0.4, 13.65N: 90.91W, h13km, 999km, MD3.3, GCG 28 12:37:04.3: 0.4, 13.65N: 90.91W, h13km, 999km, MD3.3, ISG 28 12:37:04.3: 0.4, 13.65N: 90.91W, h13km, 999km, MD3.3, s1908/12, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FUG Fuego 3, PUG Pacaya, NBG Las Nubes, etc.

DC 28 12:38:35.0: 44.5S: 8.168E: 8.1, h5km, 29km, M2.7/9, M2.7/9, MLV2.7/9, Error ellipse: s-maj=0.1km s-min=0.0km az=94.6, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCZ Jackson Bay, MSZ Milford Sound, WKZ Wanaka, etc.

28d 13h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOLS Kolonické sedl, SRO Srobarova, AKASG Malin Array B, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MK31, MKAR Makanchi Array, DBIC Dimbrok, etc.

1346

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, VYND Vanda, etc.

28d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BUR08, BURAR, P49A, etc.

2014 DEC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K59A, HNH, J60A, etc.

1350

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like P59A, V51A, M63A, etc.

ADC 28 13:52:15.4+6.2, 36:60N:71.74E, h79km, 32km, mb3.6/3, mb1 3.6/10, mb1mx3.2/50, mbtmp3.9/10, Error ellipse: s-maj=78.4km s-min=27.6km az=159.0 NNC 28 13:52:24.5+0.0, 37:65N:71.50E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=40.8km s-min=27.9km az=161.0

ISC 28 13:52:21.7:0.8,37.22N:0.07:71.47E:0.07,h109km,n23, c195/29,mb4.0/3,5C-2D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like AML, UCH, EKS2, AAK, etc.

IDC 28 14:25:10.5:3.4,10.04S:113.19E,h0km,mb3.3/3, mb1 3.6/4,mb1mx3.3/4.5,mbtmp3.4/4,ML3.2/1,MS2.6/1, Ms1 2.6/1,ms1mx2.3/1.1, Error ellipse: s-maj=189.0km s-min=24.8km az=46.0, South of Jawa

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like FITZ, DAV, WRA, ASAR, etc.

NEIC 28 14:36:21.3:1.6,20.23S:0.08:177.8W:0.1,h500km,6km, mb4.4/32, Error ellipse: s-maj=15.1km s-min=9.9km az=63.0

IDC 28 14:36:23.2:1.9,20.48S:177.81W,h522km,17km, mb3.3/10,mb1 3.6/13,mb1mx3.3/2.5,mbtmp3.4/2.13, Error ellipse: s-maj=23.2km s-min=13.6km az=119.0

ISC 28 14:36:23.8:0.5,20.28S:0.08:177.86W:0.08,h534km, n60,i126/63,mb4.3/25,5C,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like MSVF, NIUE, FUNA, etc.

Table with columns: WRA, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like WARRAMUNGA ARR, KKO, MLH, etc.

JMA 28 14:44:11.8:0.1,43.33N:145.82E,h49km,1km,MB3.0 SKHL 28 14:44:12.5:0.2,43.36N:145.91E,h37km,1km,mb3.8/3

ISC 28 14:44:11.8:1.7,43.35N:0.06:145.84E:0.06,h47km,9km, n13,c048/25,Hokkaido region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like NEM2, NMR, JKH, etc.

NEIC 28 15:03:37.2:3.4,3N:0.1:82.9W:0.1,h10km,1km, mb4.3/5, Error ellipse: s-maj=24.1km s-min=16.8km az=66.0

IDC 28 15:03:37.4:1.3,3.24N:82.96W,h0km,mb3.7/4,mb1 4.0/7, mb1mx3.8/2.9,mbtmp3.9/7,ML2.9/7,MS3.3/1,Ms1 3.3/1.1, ms1mx2.0/4.4, Error ellipse: s-maj=45.9km s-min=19.1km az=53.0

ISC 28 15:03:35.7:0.9,4.14N:0.08:83.0W:0.1,h10km,n45, c189/33,mb4.0/6,MS3.3/6,South of Panama

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like PACI, HDC, OTAV, etc.

Table with columns: GCP, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like GUAYNABO CITY, LPAZ, etc.

AEIC 28 15:01:05.3:1.6,50.8N:0.1:174.99W:0.1,h28km,7km, mb4.3/10,NEIC 3, Error ellipse: s-maj=15.1km s-min=8.4km az=166.0

NEIC 28 15:01:06.5:1.1,50.9N:0.1:174.92W:0.03,h38km,12km, Error ellipse: s-maj=16.0km s-min=2.3km az=174.0

IDC 28 15:01:09.2:3.5,51.09N:173.06W,h0km,mb3.3/4, mb1 3.7/6,mb1mx3.4/5.1,mbtmp3.4/6,ML3.5/2,MS2.6/1, Ms1 2.6/1,ms1mx2.1/2.9, Error ellipse: s-maj=58.3km s-min=32.4km az=1.0

ISC 28 15:01:05.1:2.5,50.8N:0.2:174.97W:0.08,h35km,n36, c192/34,mb3.4/4,Andreev Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like GSMY, GSTD, GSTR, etc.

IDC 28 15:29:50.1:2.2,6.03S:129.73E,h0km,mb3.9/1, mb1 3.8/3,mb1mx3.4/30,mbtmp3.7/3,ML3.0/9,Ms1 3.0/9, Error ellipse: s-maj=149.7km s-min=29.8km az=69.0,Banda Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like WRA, ASAR, etc.

NAO 28 15:57:44.9:6.65,0.72:62N:4.02E,h20km,601km,ML3.5 BER 28 15:57:45.8:2.5,72.76N:4.00E,h10km,ML2.1, ML3.5(NAO), Confirmed Earthquake

IDC 28 15:57:46.0:2.2,72.58N:4.95E,h0km,mb3.3/2,mb1 3.7/7, mb1mx3.2/5.4,mbtmp3.6/7,ML3.1/5,MS3.0/9,Ms1 3.0/9, ms1mx2.7/3.6, Error ellipse: s-maj=29.3km s-min=21.7km az=2.0

ISC 28 15:57:43.8:0.9,4.36N:0.09:136.7E:0.08,h10km,n53, c1820/49,MS3.1/6,Norwegian Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, H, M, S, ISC. Lists seismic stations like BJO1, BJO2, etc.

AGPR Aguadilla, PR 2.69 273 Pn Pn 16 40 12.2 +0.1
ANBD Bethesda, Anti 2.74 118 eP S 16 40 13.0 +0.3
ANBD eS Sn 16 40 14.3 +0.6

NEIC 28 17:02:28.0.3.0.6:58S:0.09:155.02E:0.07,h90km,9km,
mb4.3/26,Error ellipse: s-maj=16.1km s-min=6.1km
az=216.0
IDC 28 17:09:27.3.1.4.6:44S:154.96E:h80km,13km,mb3.8/16,
mb1.4/0.20,mb1mx3.8/42,mbtmp4.2/20,MS3.1/5,
Ms1.3/1.5,ms1mx2.7/36,Error ellipse: s-maj=13.8km
s-min=9.7km az=44.0
ISC 28 17:08:28.6.0.4.6:47S:0.06:154.96E:0.06,h100km,n62,
e1548/67,mb4.2/28,Bougainville-Solomon Islands
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like RABL Rabaul, KRVT Keravat, HNR Honiara, PMG Port Moresby, PATS Pohnppei, COEN Coen, etc.

mb1.4/1/3,mb1mx3.8/41,mbtmp3.9/13,MS2.4/1,
Ms1.2/6.1,ms1mx2.2/48,Error ellipse: s-maj=42.9km
s-min=14.6km az=59.0
NEIC 28 17:22:52.6.1.0.22:6N:0.1:94.1E:0.1,h54km,12km,
mb4.5/9,Error ellipse: s-maj=25.7km s-min=5.1km
az=217.0
NDI 28 17:22:52.4.2.5.22:68N:93.85E,h10km,ML3.6,
mb4.5(NEIC)
ISC 28 17:22:50.1.0.6.22:50N:0.08:93.8E:0.1,h35km,n54,
e1955/53,mb4.1/17,Myanmar-India border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like SAIH SAHIA, BELO BELONIA, KOHI KOHIMA, SHL Shillong, etc.

IDC 28 17:23:25.1.2.2.43:29N:105.58W,h0km,mb1.3/3/3,
mb1mx3.7/48,mbtmp3.1/3,ML2.9/3,Error ellipse:
s-maj=47.3km s-min=9.5km az=155.0
NEIC 28 17:23:26.2.2.9.43:50N:0.05:105.32W:0.07,h0km,2km,
ML3.2/33,Error ellipse: s-maj=10.7km s-min=0.47km
az=134.0
ISC 28 17:23:25.7.0.9.43:63N:105.05W:105.43W:0.05,h0km,n25,
e236/26,Wyoming

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like RSD Black Hills, K22A Casper, K22A Casper, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

IDC 28 17:24:31.2.1.1.1.05N:30.49W,h0km,mb3.7/5,mb1.3/9/6,
mb1mx3.6/34,mbtmp3.8/6,ML4.1/1,MS3.7/25,Ms1.3/7.25,
ms1mx3.7/31,Error ellipse: s-maj=52.5km s-min=21.3km
az=153.0
GCMT 28 17:24:39.0.0.3.0.80N:0.02:30.13W:0.02,h31km,1km,
MW5.0/105,Moment Tensor Solution. s33,c39;
s105,c129; Duration: 0 Moment tensor: Scale 10^16Nm;
Mn:0.05;17; Mw:0.49;15; Ms:0.54;15; Mn:0.57;17;
Mw:0.82;12; Ms:0.66;18; Best double couple:
Ms:3.93500/1016 NPT:0.266.00000/881.00000/
1.172.00000. NP2:0.357.00000/882.00000/1.9.00000.
Principal axes: T 3.9880,Plg11.0000,Azm221.0000; N
-0.1060,Plg79.0000,Azm38.0000; P -3.8820,
Plg1.0000,Azm131.0000; nstata refers to body waves,
cutoff=40s. nstaz refers to surface waves, cutoff=50s.
Surface-wave location Triangular moment-rate function
ISC 28 17:24:32.8.0.9.93N:0.3:30.50W:0.2,h10km,n37,
e1985/10,mb3.8/7,MS3.7/24,Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s ISC. Includes stations like RCBR Riachuelo, H10N3 ASCENSION HYDR18, H10N2 ASCENSION HYDR19, etc.

IDC 28 17:39:13.5.1.7.23:64N:141.75E,h120km,14km,
s-maj=429.5km s-min=43.9km az=143.0,Tonga Islands

IDC 28 17:22:44.8.0.8.22:51N:93.94E,h0km,mb3.9/13,

28d 18h

mb3.5/12, mb1 3.6/16, mb1mx3.4/42, mbtmp4.0/16, Error ellipse: s-maj=25.7km s-min=12.1km az=95.0 JMA 28 17:39:16.0, 2.23, 94N: 141.41E, h166km, 2km, M5.2 ISC 28 17:39:16.9, 0.8, 23.82N: 0.07, 141.61E, 0.2, h151km, n24, s/177/30, mb3.7/10, Volcano Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Haha-jima-NKT2, Chichi-jima, Chichijima, Hachioji jima, etc.

IDC 28 18:00:50.0, 1.8, 42AS: 144.41E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.5/25, mbtmp3.7/5, ML3.7/1, MS3.5/1, Ms1 3.5/1, ms1mx2.4/29, Error ellipse: s-maj=75.8km s-min=24.9km az=116.0, Near north coast of New Guinea

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

MEX 28 18:11:22.4, 0.4, 17.06N: 93.89W, h175km, 2km, MD4.2, Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TGIG, TGIB, TGIBT, etc.

JMA 28 18:13:59.3, 0.1, 41.75N: 143.49E, h30km, 1km, M0.9, Hokkaido region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JEM, JEM, JTHR, etc.

NEIC 28 18:14:23.9, 2.1, 19.84S: 0.04, 68.84W: 0.08, h112km, 3km, mb5.0/53, Mw=7.40, Mw=8.4, ML 4.9(GUC), Error ellipse: s-maj=11.2km s-min=5.0km az=78.0

IDC 28 18:14:23.6, 0.9, 19.76S: 68.71W, h105km, 7km, mb4.5/18, mb1 4.5/22, mb1mx4.4/32, mbtmp4.8/22, MS3.5/9, Ms1 3.5/9, ms1mx3.3/25, Error ellipse: s-maj=12.2km s-min=7.9km az=88.0

NEIC 28 18:14:23.9, 19.84S: 68.84W, h112km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, Mrr=0.95, Mss=0.07, Mss=0.88, Mrr=0.30, Mrr=0.89; Fault plane solution: M=1.52000x10^16 NP1: 361.71, 12000, 322.21000, -3.59, 16000; NP2: 324.31000, 371.06000, 1.101, 82000; Principal axes: T=1.4892, Plg25.0000, Azm64.0000; N=0.0675, Plg11.0000; Azm328.0000; P=1.5567, Plg62.0000; Azm216.0000.

NEIC 28 18:14:25, 19.96S: 68.51W, h110km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm, Mrr=0.96, Mss=0.80, Mss=1.76, Mrr=1.02, Mrr=1.10, Mrr=0.45; Fault plane solution: M=2.19000x10^16 NP1: 395.198, 00000.

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delta 49.00000, lambda -24.00000, NP2: 304.00000, delta 72.00000, lambda -136.00000, Principal axes: T 2.3588, Plg13.0000, Azm67.0000; N -0.4008, Plg44.0000, Azm323.0000; P -1.9580, Plg43.0000, Azm170.0000;

GUC 28 18:14:25.1, 0.8, 19.88S: 68.90W, h114km, 3km, ML4.9, MW4.8

ISC 28 18:14:24.0, 0.6, 19.89S: 0.03, 68.85W: 0.05, h113km, 4km, n381, e133/399, mb5.0/41, 17C-3D, Chile-Bolivia border region

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PB08, PB08, PB08, etc.

1354

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TOLC, ROSC, ROSC, etc.

1355

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like W39A Magazine, P57A Homestead Farm, X37A Clayton, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like G57A Newington, CBKS Cedar Bluff, ANMO Albuquerque, etc.

28d 18h

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like G05D Wamic, I03D Drain, PBDV Barranco-do-Ve, etc.

28d 20h

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and various parameters like S/NR, b, z, etc.

MOS 28:20:30.53.9.0.9.59.72S:27.07W,h120km,mb5.5/16, Error ellipse: s-maj=21.4km s-min=9.2km az=107.2

NEIC 28:20:30:54.2.1.6.59.77S:0.09:27.2W:0.2,h114km,4km, mb5.6/59.MWb5.2/MWc5.2(GCMT). Error ellipse: s-maj=15.6km s-min=11.6km az=47.0

IDC 28:20:30:54.1.0.4.59.68S:27.18W,h113km,3km,mb5.0/23, mb1.5/0.24,mb1mx0.3/0.3,mbtmp5.4/24,MS3.9/16, Ms1.3/9.16,ms1mx3.8/32, Error ellipse: s-maj=12.3km s-min=8.5km az=52.0

NEIC 28:20:30:56.3.59.75S:27.19W,h112km,Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr1:9.4; Mw:6.83; Mw:1.90; Mw:5.19; Mw:2.37; Mw:2.00; Fault plane solution: M8.59000*10^16 NP1:266.66000*, 324.81000*, lambda 1.10000*, NP2:269.02000*, 866.22000*, lambda 2.69000*, Principal axes: T 7.1231, Plg68.0000*, Azm725.0000*, N 2.4218, Plg7.0000*, Azm72.0000*, P -9.5449, Plg21.0000*, Azm165.0000*

GCMT 28:20:30:57.2.0.1.59.96S:01:26.60W:0.03,h126km,1km, MW5.2/139.Moment Tensor Solution. s94,c128; s139,c204; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mr:5.90; Mw:5.11; Mw:0.79; Mw:5.26; Mw:0.45; Mw:1.46; Fault plane solution: M7.80000*10^16 NP1:269.0000*, 323.0000*, lambda 1.000000*, NP2:278.00000*, 867.00000*, lambda 2.690000*, Principal axes: T 7.1682, Plg67.0000*, Azm74.00000*, N -0.8076, Plg4.0000*, Azm79.00000*, P -7.3606, Plg22.0000*, Azm171.0000*

ISC 28:20:30:59.4.0.4.59.78S:0.05:27.05W:0.05,h122km,3km, h122km-pP-1,n470,s165/518,mb5.5/57,18C-20D, South Sandwich Islands region

Main table of station data for the 28d 20h period, including station names like HOPE, NVN, MG01, etc., and their respective coordinates and parameters.

2014 DEC

Main table of station data for the 2014 DEC period, including station names like AAGR, ARCO, ASAL, etc., and their respective coordinates and parameters.

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Main table of station data for the 1358 period, including station names like LBTB, PEXB, PB11, etc., and their respective coordinates and parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMLC San Martin de, MOCX Monteria, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOOW Moose Ponds, NRCS NORARS Array S, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARCES comp=Z,2.9nm,0.4s, and various other broadcast stations.

28d 21h

Table with columns: SRN, Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like SRN Sarande, CERA Cerina, and many others.

2014 DEC

Table with columns: SRN, Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like AGG Agios Georgios, SKO Skopje, and many others.

1362

Table with columns: SRN, Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like RASA Rasa, NEHR Nehou, and many others.

| | | | | | | |
|-------|----------------|-------------|--------------------------------------------|------|------------|------|
| NATI | Neve Ativ | 16.74 105 | Pn | Pn | 21 47 29.6 | -3.4 |
| KZIT | Kziot | 16.95 114 | Pn | Pn | 21 47 32.2 | -3.5 |
| AMAZ | Amatzia | 16.98 111 | Pn | Pn | 21 47 33.3 | -2.7 |
| HMDT | Nahal Hemdat | 17.05 108 | Pn | Pn | 21 47 33.1 | -3.9 |
| YTHR | Yatir | 17.21 112 | Pn | Pn | 21 47 36.0 | -3.1 |
| DSI | Dead Sea | 17.29 111 | Pn | Pn | 21 47 36.9 | -3.1 |
| GHAJ | Ghor Haditha | 17.57 111 | Pn | Pn | 21 47 41.1 | -2.3 |
| PRNI | Paran | 17.69 115 | Pn | Pn | 21 47 41.8 | -3.2 |
| PBRG | Braganca | 17.72 286 | eP | P | 21 47 50.3 | +4.2 |
| MVO | Moncorvo | 17.95 283 | eP | P | 21 47 51.6 | +3.0 |
| MVO | | | eLR | LR | 21 52 36.5 | |
| MBRI | Mt Berech | 17.96 116 | Pn | Pn | 21 47 45.8 | -2.5 |
| TR2 | Tor 2 | 18.03 122 | P | Pn | 21 47 46.6 | -2.5 |
| EIL | Elat | 18.06 116 | P | Pn | 21 47 47.2 | -2.2 |
| EIL | | | comp=Z,1.3nm,0.3s,baz=311,slow=4,SNR=14 | S | 21 50 58.4 | -12 |
| EIL | | | comp=Z,2.6nm,0.3s,baz=19,slow=15,SNR=6.4 | LR | 21 55 59.9 | |
| EIL | | | comp=Z,4.2nm,19.7s,baz=300,slow=40 | LR | 21 47 46.6 | -2.9 |
| EIL | | | comp=Z,1.1nm,0.3s,baz=311,slow=4,SNR=14 | Pn | 21 47 53.0 | +2.4 |
| MDT | Midelt | 18.12 256 | eP | P | 21 47 53.0 | +2.4 |
| MDT | | | comp=Z,0.2nm,0.3s,baz=177,slow=14,SNR=10 | LR | 21 53 48.8 | |
| MDT | | | comp=Z,1.70nm,19.5s,baz=6.0,slow=24 | Pn | 21 47 49.1 | -1.9 |
| HBST | Basata | 18.18 118 | P | Pn | 21 47 49.1 | -1.9 |
| PMRV | Mary'zo | 18.36 278 | eP | P | 21 47 58.0 | +4.9 |
| PMRV | | | comp=Z,2.7nm,1.6s | eLR | 21 53 11.5 | |
| PCBR | Castelo Branco | 18.38 279 | eP | LR | 21 47 55.5 | +2.3 |
| PCBR | | | comp=Z,2.4nm,1.2s | LR | 21 53 15.1 | |
| MTE | Manteigas | 18.38 281 | eLR | LR | 21 47 57.3 | +1.4 |
| PESTR | Estremoz | 18.59 276 | P | Pn | 21 47 58.7 | +2.4 |
| PVIS | Viseu | 18.62 282 | eP | Pn | 21 48 02.6 | +3.3 |
| PGAV | Gavieira, Arco | 18.86 286 | eP | Pn | 21 48 02.6 | +3.3 |
| PGAV | | | comp=Z,7.9nm,1.8s | eLR | 21 54 33.7 | |
| PBEJ | Beja | 18.95 274 | eP | Pn | 21 48 02.6 | +2.4 |
| PVAO | Vaqueiros | 18.96 272 | eP | Pn | 21 48 02.2 | +1.8 |
| PVAO | | | comp=Z,3.3nm,1.4s | eLR | 21 51 33.7 | |
| PMTA | Montargil | 19.05 277 | eP | Pn | 21 48 04.7 | +3.3 |
| COI | Colimbra | 19.05 281 | eP | Pn | 21 48 07.3 | +5.8 |
| COI | | | comp=Z,6.0nm,1.4s | Pn | 21 48 05.0 | +2.5 |
| PCAS | Casimil, Conde | 19.13 280 | eP | Pn | 21 48 04.0 | +1.2 |
| PCVE | Castro Verde | 19.16 273 | eP | Pn | 21 48 07.5 | +4.6 |
| PBDV | Barranco-do-ve | 19.16 272 | eP | Pn | 21 48 07.5 | +4.6 |
| PBDV | | | comp=Z,4.9nm,1.7s | P | 21 48 03.1 | -0.1 |
| MARD | Mardin | 19.26 88 | P | P | 21 48 05.4 | +0.6 |
| PSBE | So Bento | 19.42 279 | eP | P | 21 48 08.2 | +2.0 |
| PNCL | Nicolau 1 Gran | 19.44 274 | eP | Pn | 21 48 08.2 | +2.0 |
| PNCL | | | comp=Z,3.9nm,1.5s | Pn | 21 48 10.4 | +1.0 |
| PTEO | Sao Teotonio | 19.71 273 | eP | Pn | 21 48 12.8 | +2.2 |
| LIS | Lisbon | 19.81 276 | eP | Pn | 21 48 12.3 | +0.9 |
| LIS | | | comp=Z,1.06nm,1.2s | P | 21 48 09.3 | -0.8 |
| PMAFR | Mafru | 19.88 277 | eP | P | 21 48 13.0 | -0.3 |
| VSR | Storzhevoye | 19.92 46 | eP | Pmax | 21 48 13.0 | -0.3 |
| VSR | | | comp=Z,2.0nm,1.4s | P | 21 48 13.0 | -0.3 |
| KIV | Kislovodsk | 20.20 68 | P | Pmax | 21 48 13.0 | -0.3 |
| KIV | | | comp=Z,2.1nm,1.0s | P | 21 48 19.2 | |
| KIV | | | comp=Z,2.21nm,1.0s | IAMB | 21 48 16.0 | -0.5 |
| VSU | Vasula | 20.33 160eP | Pmax | Pmax | 21 48 16.6 | -0.1 |
| VSU | | | comp=Z,6.2nm,1.0s | P | 21 48 16.1 | -0.6 |
| KBZ | Khabaz | 20.34 69 | P | P | 21 48 16.4 | +0.3 |
| KBZ | | | comp=Z,4.2nm,0.9s,baz=279,slow=8.3,SNR=27 | Pmax | 21 48 17.5 | +0.4 |
| LPSR | Galich ya Gora | 20.48 42 | eP | Pmax | 21 48 19.4 | +1.0 |
| LPSR | | | comp=Z,3.31nm,1.0s | P | 21 48 20.0 | +0.6 |
| GOF | Gofitskoye | 20.56 65f | eP | P | 21 48 21.0 | +1.1 |
| GOF | | | comp=Z,3.0nm,0.8s | Pmax | 21 48 21.0 | +1.1 |
| EKA | Eskdalemir Ar | 20.69 327 | P | P | 21 48 21.0 | +1.1 |
| EKA | | | comp=Z,1.6nm,0.7s,baz=132,slow=13,SNR=3.5 | P | 21 48 18.4 | -1.7 |
| GEVA | Gevas | 20.82 84 | P | P | 21 48 18.8 | -1.3 |
| GEVA | | | comp=Z,2.1nm,0.9s | IAMB | 21 48 28.0 | |
| KONO | Kongsberg | 20.83 350 | P | P | 21 48 28.2 | -2.3 |
| KONO | | | comp=Z,14nm,1.1s | Pmax | 21 52 09.8 | -2.3 |
| OBN | Obninsk | 20.84 350 | P | P | 21 52 32.1 | -0.2 |
| OBN | | | comp=Z,5.7nm,0.7s,baz=234,slow=8.2,SNR=5.9 | P | 21 48 32.0 | +1.0 |
| OBN | | | comp=Z,3.4nm,1.1s | P | 21 48 30.6 | -0.3 |
| OBN | | | comp=Z,1.9nm,0.6s | MLR | 21 48 32.0 | +1.1 |
| OBN | | | comp=Z,1.89nm,17.0s | MLR | 21 48 32.0 | +1.1 |
| OBN | | | comp=Z,2.9nm,0.9s,baz=279,slow=8.3,SNR=27 | IAMB | 21 48 19.2 | -0.9 |
| HFS | Hagfors | 20.94 356 | P | P | 21 48 20.4 | |
| HFS | | | comp=Z,1.9nm,0.7s | P | 21 48 21.2 | +0.1 |
| HFS | | | comp=Z,1.3nm,1.0s,baz=178,slow=10.0,SNR=23 | LR | 21 57 35.7 | |
| ZEI | Tsey | 21.04 72 | eP | P | 21 48 23.3 | +0.7 |
| ZEI | | | comp=Z,1.24nm,21.5s,baz=205,slow=40 | Pmax | 21 48 29.0 | -0.1 |
| NC602 | NORSAR Array S | 21.69 354 | P | P | 21 48 31.5 | +0.5 |
| GNI | Garni | 21.82 79 | P | P | 21 48 32.0 | +1.0 |
| GNI | | | comp=Z,2.9nm,0.9s,baz=112,slow=3.6,SNR=18 | Pmax | 21 48 32.0 | +1.0 |
| GNI | | | comp=Z,3.6nm,0.8s | P | 21 48 30.6 | -0.3 |
| GNI | | | comp=Z,34nm,1.1s | IAMB | 21 48 32.0 | +1.0 |
| NB2 | NORSAR Subarra | 22.02 353 | P | P | 21 48 33.5 | +0.8 |
| NB2 | | | comp=Z,9.0nm,1.1s,baz=170,slow=10 | P | 21 48 33.3 | +0.6 |
| NOA | NORSAR Array B | 22.02 353 | P | P | 21 58 48.5 | |
| NOA | | | comp=Z,4.5nm,0.9s,baz=169,slow=11,SNR=18 | LR | 21 48 33.6 | |
| NB201 | NORSAR Array S | 22.02 353 | P | P | 21 48 33.6 | |
| NB201 | | | comp=Z,1.34nm,18.3s,baz=165,slow=41 | IAMB | 21 48 33.6 | +0.9 |
| NC405 | NORSAR Array S | 22.05 354 | P | P | 21 48 49.2 | |
| NC405 | | | comp=Z,3.0nm,1.1s | IAMB | 21 48 33.2 | +0.2 |
| NB000 | NORSAR Array S | 22.05 353 | P | P | 21 48 35.2 | |
| NC303 | NORSAR Array S | 22.19 354 | P | P | 21 48 33.0 | 0.0 |
| NC303 | | | comp=Z,2.3nm,0.9s | IAMB | 21 48 34.5 | 0.0 |
| NC204 | NORSAR Array S | 22.29 353 | P | P | 21 48 36.6 | |
| NC204 | | | comp=Z,2.3nm,0.9s | IAMB | 21 48 35.4 | -0.3 |
| PUL | Pulkovo | 22.34 19f | eP | Pmax | 21 48 43.1 | |
| PUL | | | comp=Z,1.5nm,0.8s | Pmax | 21 48 36.0 | -0.1 |
| GROC | Groznyy | 22.43 70 | eP | P | 21 48 37.9 | +0.7 |
| GROC | | | comp=Z,5.7nm,0.4s | S | 21 49 01.3 | |
| GROC | | | comp=Z,2.3nm,1.2s | S | 21 52 47.9 | +4.8 |
| DVE | Vedeno | 22.67 71f | eP | Pmax | 21 48 39.3 | -0.6 |
| DVE | | | comp=Z,2.8nm,1.0s | Pmax | 21 48 40.5 | -0.3 |
| BTLR | Botlikh | 22.75 72f | eP | Pmax | 21 48 42.1 | -0.8 |
| BTLR | | | comp=Z,6.0nm,0.8s | Pmax | 21 52 31.4 | -0.9 |
| FINES | FINES Array B | 22.99 12 | P | P | 21 52 31.4 | -0.9 |
| FINES | | | comp=Z,2.5nm,0.8s,baz=189,slow=8.0,SNR=34 | P | 21 59 14.8 | |
| FINES | | | comp=Z,1.5nm,0.7s,baz=180,slow=0.8,SNR=2.2 | LR | 21 51 52.8 | +1.2 |

| | | | | | | |
|-------|----------------|-----------|-------------------------------------------|------|------------|--------|
| FIAT | FINES Array S | 22.99 12 | P | P | 21 48 42.8 | -0.2 |
| GNRB | Gunib | 23.31 72d | eP | P | 21 48 46.8 | +0.3 |
| GNRB | | | comp=Z,4.0nm,0.9s | Pmax | 21 48 48.7 | -1.4 |
| MAK | Makhachkala | 23.68 71 | eP | P | 21 49 19.7 | |
| MAK | | | comp=Z,8.7nm,1.0s | S | 21 50 03.1 | -1.4 |
| MAK | | | comp=Z,2.8nm,1.0s | S | 21 53 43.6 | +1.6 |
| BELG | Belogoroye | 25.20 48d | eP | P | 21 49 04.6 | +0.7 |
| BELG | | | comp=Z,9.0nm,0.9s | Pmax | 21 49 06.6 | -4.1 |
| KLMR | Klimovskoe | 25.95 26 | eP | Pmax | 21 49 06.6 | -4.1 |
| KLMR | | | comp=Z,4.3nm,1.5s | P | 21 49 15.6 | |
| KLMR | | | comp=Z,2.43nm,1.5s | AMP | 21 49 28.1 | -1.1 |
| TMCR | Tamitsa | 28.02 20 | eP | P | 21 48 34.7 | +0.1 |
| TMCR | | | comp=Z,2.25nm,1.3s | Pmax | 21 48 39.1 | +0.1 |
| KIRV | Kirov | 28.62 37f | eP | P | 21 49 39.3 | +0.2 |
| TOAD | Toumoud array | 29.08 210 | P | P | 21 49 39.3 | +0.2 |
| TORD | Torodi Ar. Bea | 29.08 210 | P | P | 21 49 40.8 | +0.1 |
| TORD | | | comp=Z,3.0nm,0.6s,baz=114,slow=9.6,SNR=17 | Pmax | 21 49 40.8 | +0.1 |
| RAYN | Ar Rayn | 29.26 114 | P | P | 21 49 40.8 | +0.1 |
| RAYN | | | comp=Z,3.0nm,0.7s | Pmax | 21 49 52.1 | +0.4 |
| RAYN | | | comp=Z,5.3nm,0.7s,baz=58,slow=9.2,SNR=21 | P | 21 52 50.1 | -0.6 |
| KOWA | Kowa | 30.50 222 | P | P | 21 49 51.8 | 0.0 |
| KOWA | | | comp=Z,1.2nm,0.6s,baz=50,slow=4.0,SNR=4.8 | IAMB | 21 49 52.9 | |
| KOWA | | | comp=Z,6.9nm,0.8s | IAMB | 21 49 52.4 | -0.6 |
| ARCES | ARCCESS Array | 30.71 6 | P | P | 21 49 52.4 | -0.6 |
| ARCES | | | comp=Z,4.5nm,0.8s,baz=184,slow=5.8,SNR=19 | LR | 22 03 45.1 | |
| KEV | Kevo | 31.06 7 | P | P | 21 49 57.5 | +1.4 |
| KEV | | | comp=Z,1.92nm,18.8s,baz=200,slow=39 | Pmax | 21 49 57.5 | +1.4 |
| KEV | | | comp=Z,6.0nm,0.8s | IAMB | 21 50 10.6 | |
| ABKAR | Abkari | 32.36 58 | P | P | 21 50 07.8 | 0.0 |
| GYA0B | ALIBECK ARRAY | 32.46 79 | P | P | 21 50 09.2 | +0.4 |
| ARU | Arti | 32.47 44d | eP | Pmax | 21 50 08.8 | +0.1 |
| ARU | | | comp=Z,9.0nm,0.8s | Pmax | 21 50 08.7 | 0.0 |
| ARU | | | comp=Z,9.8nm,1.0s | IAMB | 21 50 10.0 | |
| SVE | Sverdlovsk | 33.68 44 | eP | P | 21 50 20.0 | +0.8 |
| SVE | | | comp=Z,1.3nm,0.9s | Pmax | 21 50 42.6 | 0.0 |
| UOSS | Minazif | 36.35 101 | P | P | 21 51 00.9 | |
| UOSS | | | comp=Z,8.2nm,0.9s | IAMB | 21 50 53.1 | -0.8 |
| DBIC | Dimbokro | 37.67 216 | P | P | 22 06 34.8 | |
| DBIC | | | comp=Z,7.2nm,0.6s,baz=12,slow=36 | LR | 21 50 53.8 | -0.1 |
| DBIC | | | comp=Z,7.1nm,19.4s,baz=12,slow=36 | Pmax | 21 50 53.8 | -0.1 |
| DBIC | | | comp=Z,7.0nm,0.7s | P | 21 50 54.3 | |
| DBIC | | | comp=Z,7.3nm,0.7s | IAMB | 21 50 54.3 | |
| TIC | Toumoud | 37.77 216 | eP | P | 21 50 54.3 | |
| KIC | Kosan Boka | 37.90 216 | eP | P | 21 50 55.0 | -0.2 |
| LIC | Lamto | 38.15 216 | eP | P | 21 50 57.8 | -0.1 |
| BRVK | Borovyoye | 38.87 51d | P | Pmax | 21 51 05.1 | +1.5 |
| BRVK | | | comp=Z,1.6nm,1.0s | P | 21 51 03.8 | +0.1 |
| BRVK | | | comp=Z,1.2nm,0.8s | IAMB | 21 51 07.5 | |
| IUG | Iuzhnyy | 40.23 68 | eP | P | 21 51 15.1 | -0.2 |
| IUG | | | comp=Z,2.9nm,0.9s | P | 21 51 15.0 | -0.2 |
| IUG | | | comp=Z,3.0nm,0.8s | P | 21 51 16.2 | +0.1 |
| KK31 | Karatay Array | 40.34 67 | P | Pmax | 21 51 16.2 | +0.1 |
| KK31 | | | comp=Z,3.0nm,0.8s | P | 21 51 16.1 | 0.0 |
| KKAR | Karatay Array | 40.34 67 | P | P | 21 51 16.1 | 0.0 |
| KKAR | | | comp=Z,3.0nm,0.8s | P | 21 51 21.6 | +0.2 |
| DZA | Taraz | 40.98 67 | eP | P | 21 51 21.5 | +0.2 |
| DZA | | | comp=Z,2.7nm,20.1s,baz=298,slow=42 | P | 21 51 24.5 | -0.2 |
| BTK | Batken | 41.37 71 | P | P | 21 51 24.5 | -0.2 |
| BTK | | | comp=Z,6.0nm,0.8s | P | 21 51 24.5 | -0.2 |
| BTK | | | comp=Z,4.0nm,0.8s | P | 21 51 29.1 | -0.2 |
| BTK | | | comp=Z,4.0nm,0.8s | P | 21 51 29.1 | -0.2 |
| BTK | | | comp=Z,3.64nm,15.0s | P | 21 51 33.1 | +0.2 |
| BTK | | | comp=Z,3.6nm,1.1s | P | 21 51 33.3 | +0.6 |
| BTK | | | comp=Z,1.7nm,1.1s | P | 21 51 34.5 | -0.1 |
| BTK | | | comp=Z,1.7nm,1.1s | P | 21 51 37.3 | +1.2 |
| BTK | | | comp=Z,2.4nm,0.8s | P | 21 51 39.6 | +0.3 |
| BTK | | | comp=Z,2.9nm,0.9s | P | 21 51 39.6 | +0.3 |
| BTK | | | comp=Z,2.9nm,0.9s | P | 21 51 41.9 | +1.5 |
| BTK | | | comp=Z,2.9nm,0.9s | P | 21 51 41.9 | +1.5</ |

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|-------|-----------------------|-----------|------|------|-----------------|
| QSPA | South Pole Qui Tifton | 58.69 180 | P | P | 22 23 11.0 -0.2 |
| TIGA | baz=166 | 64.19 346 | P | P | 22 23 47.8 -0.5 |
| BRAL | Brewton | 64.73 343 | P | P | 22 23 51.7 -0.2 |
| 158A | Hollywood | 64.84 349 | P | P | 22 23 52.4 0.0 |
| NHSC | New Hope | 65.20 349 | P | P | 22 23 54.8 0.0 |
| Z58A | St. Stephen | 65.37 350 | P | P | 22 23 55.9 0.0 |
| Z57A | Bowman | 65.47 349 | P | P | 22 23 56.6 +0.1 |
| Z56A | Williston | 65.61 348 | P | P | 22 23 57.4 0.0 |
| 152A | Waverly Hall | 65.62 345 | Iamb | Iamb | 22 23 57.9 |
| Y60A | Bolivia | 65.80 351 | P | P | 22 23 58.9 +0.3 |
| Y58A | Scranton | 65.90 350 | P | P | 22 23 59.6 +0.3 |
| GOGA | Godfrey | 66.08 347 | P | P | 22 24 00.1 -0.3 |
| 833A | Chaparral WMA, | 66.30 331 | P | P | 22 24 03.3 +1.3 |
| X60A | Albert Glenn T | 66.34 352 | P | P | 22 24 02.2 +0.2 |
| X58A | Rowland | 66.50 350 | P | P | 22 24 03.4 +0.3 |
| X58A | Rowland | 66.50 350 | P | P | 22 24 03.2 +0.1 |
| LRLAL | Lakeview Retre | 66.50 343 | P | P | 22 24 03.0 -0.2 |
| Y52A | Liburn | 66.64 346 | Iamb | Iamb | 22 24 04.7 |
| VBMS | Vicksburg | 66.67 340 | P | P | 22 24 05.4 +1.2 |
| X56A | White Oak | 66.69 349 | P | P | 22 24 04.0 -0.4 |
| W61A | Ground Anchor | 66.81 353 | P | P | 22 24 04.9 -0.2 |
| Z47A | Carrollton | 66.92 342 | P | P | 22 24 05.9 +0.1 |
| Z47A | RaeFord | 66.94 351 | P | P | 22 24 06.1 +0.2 |
| VNDA | Vanda | 67.03 191 | P | P | 22 24 07.4 +1.4 |
| VNDA | Vanda | 67.03 191 | P | P | 22 24 06.8 +0.7 |
| Y49A | Blount Mountain | 67.15 344 | Iamb | Iamb | 22 24 08.0 |
| W57A | Gilead | 67.18 350 | P | P | 22 24 07.3 -0.1 |
| W56A | Indian Trail | 67.25 350 | P | P | 22 24 08.1 +0.2 |
| KMSC | Kings Mountain | 67.38 349 | P | P | 22 24 09.1 +0.4 |
| 143A | Scos Landing, | 67.39 339 | P | P | 22 24 08.9 +0.1 |
| X51A | Calhoun | 67.48 346 | P | P | 22 24 09.5 +0.2 |
| Y59A | Middlesex | 67.54 352 | P | P | 22 24 09.6 -0.1 |
| NATX | Nacogdoches | 67.57 336 | P | P | 22 24 11.2 +1.2 |
| V58A | Windy Hill, Pi | 67.68 351 | P | P | 22 24 10.7 +0.1 |
| W52A | Murphy | 67.80 347 | Iamb | Iamb | 22 24 12.2 |
| X48A | Hartselle | 67.86 344 | Iamb | Iamb | 22 24 12.8 |
| V57A | Coltrane Farms | 67.87 350 | P | P | 22 24 11.5 -0.3 |
| V56A | Mocksville | 67.90 350 | P | P | 22 24 12.1 +0.2 |
| U61A | Possum Corner | 67.90 353 | P | P | 22 24 12.6 +0.7 |
| U59A | Littleton | 68.07 352 | P | P | 22 24 13.3 +0.4 |
| U60A | Pendleton | 68.11 353 | P | P | 22 24 13.6 +0.4 |
| LPIG | La Paz | 68.13 319 | P | P | 22 24 15.6 +2.0 |
| V53A | Saluda | 68.15 348 | Iamb | Iamb | 22 24 14.2 |
| W50A | Signal Mountain | 68.19 345 | Iamb | Iamb | 22 24 14.7 |
| U58A | Oxford | 68.20 352 | P | P | 22 24 14.3 +0.4 |
| TKL | Tuckaleechee C | 68.32 347 | Iamb | Iamb | 22 24 14.6 |
| Z41A | Richland Creek | 68.33 338 | P | P | 22 24 15.2 +0.4 |
| Z41A | Richland Creek | 68.33 338 | P | P | 22 24 15.1 +0.4 |
| U57A | Blanch | 68.34 351 | P | P | 22 24 14.7 0.0 |
| JCT | Junction City | 68.36 331 | P | P | 22 24 15.7 +0.7 |
| JCT | Junction City | 68.36 331 | P | P | 22 24 15.1 +0.1 |
| JCT | Junction City | 68.36 331 | Iamb | Iamb | 22 24 16.6 |
| U56A | King | 68.41 350 | P | P | 22 24 15.3 +0.1 |
| OXF | Oxford | 68.52 342 | P | P | 22 24 15.3 -0.5 |
| T59A | Double "B" Far | 68.65 352 | P | P | 22 24 16.9 +0.4 |
| T60A | Surry | 68.73 353 | P | P | 22 24 17.4 +0.4 |
| T58A | Grand View Acr | 68.74 352 | P | P | 22 24 17.6 +0.5 |
| WHTX | Lake Whitney, | 68.78 334 | P | P | 22 24 17.7 +0.2 |
| WHTX | Lake Whitney, | 68.78 334 | P | P | 22 24 17.7 +0.2 |
| WHTX | Lake Whitney, | 68.78 334 | Iamb | Iamb | 22 24 18.4 |
| U54A | Nelsons Funny | 68.80 349 | P | P | 22 24 17.4 -0.3 |
| U54A | Nelsons Funny | 68.80 349 | Iamb | Iamb | 22 24 18.3 |
| T57A | Hurt | 68.89 351 | P | P | 22 24 18.2 +0.1 |
| X43A | Marvell | 68.93 341 | P | P | 22 24 19.4 +1.0 |
| X43A | Marvell | 68.93 341 | P | P | 22 24 18.6 +0.2 |
| T56A | Rocky Mt | 69.02 350 | P | P | 22 24 19.4 +0.5 |
| TX31 | Lajitas Ar. Si | 69.04 328 | P | P | 22 24 19.4 0.0 |
| TX31 | Lajitas Ar. Si | 69.04 328 | Iamb | Iamb | 22 24 20.7 |
| TX32 | Lajitas Ar. Si | 69.04 328 | P | P | 22 24 19.4 0.0 |
| TXAR | Lajitas Ar. Si | 69.04 328 | P | P | 22 24 20.1 +0.8 |
| V48A | Smith Brothers | 69.04 344 | Iamb | Iamb | 22 24 19.9 |
| TZTN | Tazewell | 69.13 347 | P | P | 22 24 19.2 -0.5 |
| BLA | Blackburg | 69.26 350 | P | P | 22 24 20.6 +0.2 |
| CLTN | Cedars of Leba | 69.27 345 | Iamb | Iamb | 22 24 21.2 |
| S58A | Poland Farm, P | 69.34 352 | P | P | 22 24 21.5 +0.6 |
| S58A | Poland Farm, P | 69.34 352 | Iamb | Iamb | 22 24 22.4 |
| S59A | Poland Farm, P | 69.40 353 | P | P | 22 24 21.8 +0.6 |
| X40A | Mechanicsville | 69.48 339 | P | P | 22 24 21.7 -0.1 |
| S56A | Natural Bridge | 69.60 351 | P | P | 22 24 22.8 +0.3 |
| S57A | Dark Hollow, R | 69.60 351 | P | P | 22 24 22.8 +0.3 |
| S57A | Dark Hollow, R | 69.60 351 | Iamb | Iamb | 22 24 23.4 |
| WVT | Waverly | 69.65 344 | P | P | 22 24 22.6 -0.2 |
| WVT | Waverly | 69.65 344 | P | P | 22 24 22.8 -0.1 |
| R58B | Mineral | 69.67 352 | P | P | 22 24 23.5 +0.6 |
| MIAR | Mount Ida | 69.77 338 | P | P | 22 24 23.8 +0.3 |
| MIAR | Mount Ida | 69.77 338 | P | P | 22 24 23.8 +0.3 |
| R61A | Willards | 69.78 354 | P | P | 22 24 25.7 +2.2 |
| R59A | King George, V | 69.82 353 | P | P | 22 24 24.7 +1.0 |
| R60A | Leonardtown, M | 69.83 353 | P | P | 22 24 24.8 +0.9 |
| W41B | Gary Mavity, V | 69.94 340 | P | P | 22 24 24.7 +0.2 |
| W41B | Gary Mavity, V | 69.94 340 | Iamb | Iamb | 22 24 25.7 |

| | | | | | |
|-------|----------------|-----------|------|------|-----------------|
| S54A | Dingess, Beckl | 69.97 349 | P | P | 22 24 24.7 -0.1 |
| R58A | Rapidan | 70.01 352 | P | P | 22 24 25.6 +0.6 |
| WHAR | Woody Hollow | 70.06 340 | Iamb | Iamb | 22 24 26.4 |
| R57A | Stanardsville | 70.07 352 | P | P | 22 24 26.1 +0.8 |
| ABTX | Ablene, Hawle | 70.18 333 | P | P | 22 24 26.5 +0.3 |
| ABTX | Ablene, Hawle | 70.18 333 | P | P | 22 24 26.2 0.0 |
| ABTX | Ablene, Hawle | 70.18 333 | Iamb | Iamb | 22 24 27.6 |
| S51A | Beville | 70.20 348 | Iamb | Iamb | 22 24 26.8 |
| R55A | Marlinton | 70.27 351 | Iamb | Iamb | 22 24 27.3 +0.7 |
| R55A | Marlinton | 70.27 351 | Iamb | Iamb | 22 24 28.3 |
| R56A | Bull Pasture M | 70.29 351 | P | P | 22 24 27.6 +0.8 |
| R57A | Victor | 70.30 350 | P | P | 22 24 26.6 -0.1 |
| X34A | Clayton | 70.39 337 | Iamb | Iamb | 22 24 30.1 |
| W39A | Magazine | 70.43 338 | P | P | 22 24 28.5 +0.9 |
| W39A | Magazine | 70.43 338 | Iamb | Iamb | 22 24 29.4 |
| FCAR | Ozark Folk Cen | 70.57 340 | Iamb | Iamb | 22 24 29.2 |
| Q58A | Fox Den Farm, | 70.61 353 | P | P | 22 24 29.0 +0.4 |
| HENM | Henderson Moun | 70.62 342 | P | P | 22 24 28.9 +0.3 |
| PARMO | Parma | 70.64 342 | P | P | 22 24 29.1 +0.3 |
| Q57A | Strasburg | 70.79 352 | P | P | 22 24 30.6 +0.9 |
| Q56A | Snyder Ridge, | 70.89 351 | P | P | 22 24 30.9 +0.6 |
| PBMO | Poplar Bluff | 70.93 342 | P | P | 22 24 30.8 +0.2 |
| Q53A | Leroy | 71.00 349 | P | P | 22 24 31.8 +0.5 |
| Q54A | Coxs Mills | 71.06 350 | Iamb | Iamb | 22 24 31.5 |
| P58A | Pank, Wackersv | 71.11 353 | P | P | 22 24 32.3 +0.7 |
| R49A | Shelbyville | 71.14 346 | Iamb | Iamb | 22 24 31.6 |
| P59A | Jarrettsville | 71.15 354 | P | P | 22 24 32.9 +1.0 |
| P57A | Homestead Farm | 71.19 352 | P | P | 22 24 33.0 +1.0 |
| P57A | Homestead Farm | 71.19 352 | Iamb | Iamb | 22 24 32.2 +0.1 |
| U40A | Yellville | 71.22 340 | P | P | 22 24 32.5 +0.1 |
| U40A | Yellville | 71.22 340 | P | P | 22 24 32.7 +0.3 |
| Q52A | Bidwell | 71.26 349 | P | P | 22 24 32.6 +0.1 |
| Q52A | Bidwell | 71.26 349 | Iamb | Iamb | 22 24 33.7 |
| P56A | Dayton Farm, R | 71.30 352 | P | P | 22 24 33.3 +0.6 |
| WCI | Wyandotte Cave | 71.31 345 | P | P | 22 24 32.0 -0.8 |
| WCI | Wyandotte Cave | 71.31 345 | P | P | 22 24 32.2 -0.7 |
| WCI | Wyandotte Cave | 71.31 345 | Iamb | Iamb | 22 24 33.0 |
| T42A | Van Buren | 71.34 341 | P | P | 22 24 32.6 -0.5 |
| LIC | Lamoine | 71.36 70 | eP | eP | 22 24 33.9 +0.2 |
| HHAR | Hobbs | 71.48 339 | P | P | 22 24 34.1 +0.2 |
| HHAR | Hobbs | 71.48 339 | Iamb | Iamb | 22 24 34.9 |
| S44A | Carbondale | 71.49 343 | Iamb | Iamb | 22 24 34.4 |
| SIUC | Southern Hill | 71.50 343 | P | P | 22 24 34.1 +0.1 |
| SIUC | Southern Hill | 71.50 343 | Iamb | Iamb | 22 24 34.5 |
| Q51A | Peebles | 71.51 348 | Iamb | Iamb | 22 24 35.1 |
| MCWV | Mont Chateau | 71.58 351 | P | P | 22 24 34.6 +0.2 |
| TUCI | Tuning | 71.61 70 | eP | eP | 22 24 35.2 -0.1 |
| KIC | Kosan Boka | 71.67 70 | eP | eP | 22 24 35.8 +0.2 |
| WMOK | Wichita Mount | 71.73 334 | P | P | 22 24 35.1 -0.4 |
| DBIC | Dimbokro | 71.76 70 | P | P | 22 24 36.5 +0.4 |
| DBIC | Dimbokro | 71.76 70 | pP | pP | 22 25 01.3 -1.1 |
| DBIC | Dimbokro | 71.76 70 | P | P | 22 24 35.2 -0.9 |
| DBIC | Dimbokro | 71.76 70 | Iamb | Iamb | 22 24 37.0 |
| U38A | Gravette | 71.76 338 | Iamb | Iamb | 22 24 36.0 |
| MGMO | Mountain Grove | 71.79 340 | Iamb | Iamb | 22 24 36.9 |
| MNTX | Cornudas Mount | 71.83 328 | P | P | 22 24 35.7 -0.4 |
| MNTX | Cornudas Mount | 71.83 328 | P | P | 22 24 36.1 +0.1 |
| MNTX | Cornudas Mount | 71.83 328 | Iamb | Iamb | 22 24 36.7 |
| O57A | Amberson | 71.86 353 | P | P | 22 24 36.8 +0.7 |
| P52A | Corning | 71.89 349 | P | P | 22 24 35.9 -0.4 |
| P52A | Corning | 71.89 349 | Iamb | Iamb | 22 24 36.8 |
| P51A | Williamsport | 71.90 348 | Iamb | Iamb | 22 24 36.8 |
| OK025 | Westminster Rd | 71.96 336 | P | P | 22 24 37.0 +0.2 |
| O56A | Blue Knob Stat | 72.02 352 | P | P | 22 24 37.7 +0.5 |
| OK030 | Cody Creek RV | 72.08 336 | Iamb | Iamb | 22 24 38.4 |
| N61A | South Mountain | 72.11 356 | P | P | 22 24 36.8 -0.7 |
| B60K | Bluff Creek, N | 72.12 336 | P | P | 22 24 38.0 +0.2 |
| N63A | Mattituck | 72.25 357 | P | P | 22 24 37.3 -1.0 |
| P49A | Miami Univ. Ec | 72.25 347 | P | P | 22 24 37.8 -0.6 |
| P49A | Miami Univ. Ec | 72.25 347 | Iamb | Iamb | 22 24 38.7 |
| BLO | Bloomington | 72.27 346 | Iamb | Iamb | 22 24 38.7 |
| QUOK | Quay | 72.28 337 | P | P | 22 24 38.9 +0.2 |
| QUOK | Quay | 72.28 337 | Iamb | Iamb | 22 24 39.3 |
| N60A | Cedar Hill Far | 72.29 355 | P | P | 22 24 39.2 +0.6 |
| SSPA | Standing Stone | 72.31 353 | P | P | 22 24 39.0 +0.2 |
| CCM | Cathedral Cave | 72.35 342 | P | P | 22 24 39.3 +0.2 |
| CCM | Cathedral Cave | 72.35 342 | Iamb | Iamb | 22 24 40.0 |
| HSIG | HSIG | 72.37 322 | P | P | 22 24 39.6 +0.1 |
| HSIG | HSIG | 72.37 322 | Iamb | Iamb | 22 24 41.0 |
| N59A | State Game Lan | 72.39 354 | P | P | 22 24 40.3 +1.0 |
| N57A | Milroy | 72.39 353 | P | P</ | |

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MANDD, P52A, F33A, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like O20A, BTK, BTK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Power, Time, and Res. Includes stations like CCX, CCX, CCX, etc.

MEX 28 23:22:36.6:35.0,32.38N:115:71W,h16km,999km,MD3.5
ECX 28 23:22:37.7:0.6,31.76N:116:59W,h4km,3km,MD2.1,ML2.2

Table with columns: DGS, 85nm, 0.6s, eS, Sg, 23 43 33.4 +0.4, etc. Lists various astronomical objects and their properties.

Table with columns: DJR, baz=2.0, JarKent, 4.16 27 eP, Pb, 23 43 17.5 +2.1, etc. Lists astronomical objects with detailed parameters.

Table with columns: KARP, comp=N,3114um,0.5s, AML, AML, 00 02 48.7, etc. Lists astronomical objects with specific identifiers and coordinates.

ISK 29 00:02:11.3, 35:49N-28:45E, h17km, ML3.4/36
ATH 29 00:02:13.3, 35:51N-28:37E, h33km, 6km, ML3.0/4, Error
ellipse: s-maj=6.6km s-min=1.4km az=356.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station information and observation details.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like Tubuai, VAH, LTZ, EIDS, ARMA, TOO, COEN, STKA, BBOO, WRO, WB0, YK0, WB2, WRA, WFR, AS31, ASAR, SJI, FITZ, PETK, K05A, DIB, GLI, PDAR, ILAR, SEY, CMAR, GERES.

IDC 29 00:53:21.72.8,5.04S:133.55E,h0km,mb3.5/2, mb1 3.8/6,mb1mx3.5/4.1,mbtmp3.7/6,ML2.8/7.4,Error ellipse: s-maj=119.6km s-min=25.1km az=80.0

NEIC 29 00:53:25.12.0,4.94S:070.133.8E:0.1,h32km,8gkm, mb4.6/6,Error ellipse: s-maj=21.5km s-min=7.8km az=70.0

ISC 29 00:53:25.2.0.9,5.01S:070.133.6E:0.1,h35km,n17, az=62/21,Aru Islands region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like FAKI, SJI, MTN, WRO, WRA, WFR, WB2, FITZ, ASAR, PSA00, GIRL, HNR, BBOO, STKA, MKAR, KURBB.

NEIC 29 00:56:02.0e.1.9,6.730N:04.18.8W:0.2,h10km,1km, mb4.5/13,Error ellipse: s-maj=12.3km s-min=6.7km az=100.0

IDC 29 00:56:01.4.1.1,6.733N:18.96W,h0km,mb3.6/7, mb1 3.9/8,mb1mx3.4/5,mbtmp3.7/8,ML2.8/1,MS2.9/10, Ms1 3.0/10,ms1mx2.7/5,Error ellipse: s-maj=53.4km s-min=17.1km az=14.0

ISC 29 00:56:01.8.0.6,7.32N:07.18.75W:0.07,h10km,n41, az=147/34,mb3.9/12,MSZ.9/5,Iceland region

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BORG, SCO, ANGG, SUMG, LULI, SFJD, NRS, NC204, KBS, NOA01, NOA, SPITS, HFS, FIA1, FINES, UCC, FRB, CLL, STU, RES, GERES.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like VRAC, DAVOX, TUE, TEOL, VILCO, AKASS, ESDC, CASP, BUR08, CMLA, INTR, PDG, TIRR, YKA, SKT, PDK, MKAR, TXAR.

SOME 29 01:06:07.6.4.1,05N:71.72E,h0km NNC 29 01:06:09.7.1.8,41.02N:71.81E,h0km,mb3.3,mpv3.1, Error ellipse: s-maj=16.5km s-min=5.3km az=179.0

KRNET 29 01:06:09.5.0.1,41.09N:71.74E,h14km,mb2.4

ISC 29 01:06:09.4.1.2,41.09N:073.7173E:0.02,h6km,16km, n23,r195/39,22C-6D,Kyrgyzstan

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like TRKS, ARSB, ARSB, OHH, OHH, BTk, BTK, MNAS, MNAS, DRK, DRK, IUG, IUG, IUG, IUG, SFK, SFK, AML, AML, MRKS, MRKS, MRKS, ARLS, ARLS, EKS2, EKS2, KKK31, KKK31, UCH, UCH, BRLS, BRLS, BRLS, AAK, AAK, AAK, TKM2, KST, KST, KST, KST.

WEL 29 01:09:08.6.39.85:10.1752E:0.9,h71km,2km,M3.3/43, ML1.6/43,MLV3.3/43,Error ellipse: s-maj=0.0km s-min=0.0km az=23.2,North Island

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like WAZ, WAZ, MTVZ, OHWZ, PKVZ, WNVZ, MOVZ, DRZ, WHVZ, FWVZ, FWVZ, TUVZ, TSZ.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like NGZ, OTVZ, BHZ, WRTZ, LRZ, TWVZ, ETVZ, POWZ, KRZV, VRZ, TMVZ, PNHZ, KATZ, KRHZ, DVHZ, MRZ, RITZ, PALM, PRWZ, WPHZ, KWHZ, DREZ, THWZ, RATZ, NEZ, GHEZ, OKWZ, HAZT, HAZT, KIW, TIWZ, PKE, HOWZ, ANWZ, NBEZ, MCHZ, PRHZ, BFZ, WHTZ, KAHZ, PXZ, HIZ, MRHZ, CAW, CFWZ, NMHZ, MTW, CKHZ, TMWZ, DUWZ, THWZ, ARHZ, TLZ, ALRZ, MTHZ, WEL, WEL, HRRZ, TCW, PAWZ, MSWZ, TRWZ, RAHZ, WHHZ, RRRZ, MUGZ, RTHZ, PLWZ, TARZ, OMRZ, SNGZ, THWZ, KNZ, TOZ, URZ, RAGZ, CMWZ, OPRZ, TGRZ, BSWZ, PRGZ, THWZ, AWAZ, HAZ, PKGZ, KHZ, MXZ, DSZ, GVZ, INZ, KHZ, WVZ, RPZ, GCSZ, FOFZ, CTZ.

WEL 29 01:28:47.7.43.55:0.9,173E:1.1,h14km,2km,M2.5/8, ML2.7/8,MLV2.5/8,Error ellipse: s-maj=0.0km s-min=0.0km az=85.6,North Island

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like MCQZ, AMQZ, OKCZ, RACZ, AKCZ, GVZ, WACZ, WACZ, MHZ, LTZ, ARZC, ARZC, INZ, KHZ, GCSZ, THZ, DSZ, LBZ, FOFZ, DDZ, TOZ.

IDC 29 01:36:01.8.1.8,10.73S:124.59E,h0km,mb3.6/1, mb1 3.8/4,mb1mx3.4/3,mbtmp3.6/4,ML3.4/3,Error ellipse: s-maj=44.0km s-min=12.1km az=40.0,Timor region

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

| | | | | | |
|---------|-------------------|-----------|------|------|-----------------|
| KRHZ | Kereru | 22.05 191 | P | P | 06 32 05.5 -1.0 |
| MRZ | Mangatoinoka R | 23.18 192 | P | P | 06 32 15.3 -1.3 |
| HOWZ | Holdsworth Sta | 23.22 192 | P | P | 06 32 19.1 +0.3 |
| DUWZ | D'Urville Isla | 23.67 195 | P | P | 06 32 21.0 +0.7 |
| CAW | Cannon Point | 23.71 192 | P | P | 06 32 22.0 +0.7 |
| MSWZ | Moika Station | 23.97 192 | P | P | 06 32 23.4 +0.3 |
| SNZO | South Karori | 23.98 193 | P | P | 06 32 22.7 -0.9 |
| SNZO | | | Iamb | Iamb | 06 32 38.4 |
| QRZ | Quartz Range | 24.05 197 | P | P | 06 32 24.3 0.0 |
| QRZ | | | Iamb | Iamb | 06 32 45.4 |
| PLWZ | Palliser | 24.12 192 | P | P | 06 32 23.6 -1.3 |
| PLWZ | Palliser | 24.12 192 | P | P | 06 32 24.2 -0.8 |
| NNZ | Nelson | 24.20 195 | P | P | 06 32 24.6 -0.9 |
| TUAMINA | Tuamaina | 24.25 194 | P | P | 06 32 26.4 +0.2 |
| TUWZ | Tuamaina | 24.26 194 | P | P | 06 32 26.4 +0.2 |
| LHI | Lord Howe Isla | 24.41 232 | P | P | 06 32 27.4 -0.3 |
| KHZ | Kahutara | 25.29 194 | P | P | 06 32 33.8 -1.4 |
| LZT | Lake Taylor | 25.95 196 | P | P | 06 32 39.3 -1.7 |
| LPZ | | | Iamb | Iamb | 06 32 42.6 |
| RPZ | Rata Peaks | 27.14 197 | P | P | 06 32 49.8 -1.7 |
| RPZ | Rata Peaks | 27.14 197 | P | P | 06 32 49.8 -1.7 |
| RPZ | | | Iamb | Iamb | 06 33 14.8 |
| FOZ | Fox Glacier | 33.73 199 | P | P | 06 32 52.0 -1.2 |
| LBZ | Lake Benmore | 28.00 198 | P | P | 06 32 56.6 -2.4 |
| LBZ | | | Iamb | Iamb | 06 33 13.0 |
| WKZ | Wanaka | 28.75 199 | P | P | 06 33 03.8 -1.7 |
| EIDS | Eidsvold | 29.22 250 | P | P | 06 33 09.4 -0.4 |
| EIDS | Eidsvold | 29.22 250 | P | P | 06 33 09.2 -0.7 |
| ARMA | Armidale | 29.88 240 | P | P | 06 33 16.4 +0.8 |
| ARMA | Armidale | 29.88 240 | P | P | 06 33 16.1 +0.4 |
| WHZ | Wether Hill R | 30.04 199 | P | P | 06 33 16.7 +0.1 |
| WHZ | | | Iamb | Iamb | 06 33 17.5 |
| MGCD | Mangrove Creek | 31.23 235 | P | P | 06 33 27.9 +0.9 |
| RMQ | Roma | 31.45 249 | P | P | 06 33 29.5 +0.5 |
| CNB | Canberra Magne | 33.36 232 | P | P | 06 33 45.9 +0.8 |
| CTA | Charters Tower | 33.41 261 | P | P | 06 33 45.5 -0.2 |
| CTA | Charters Tower | 33.41 261 | P | P | 06 33 45.8 +0.2 |
| CAN | Canberra | 33.64 233 | P | P | 06 33 47.5 +0.1 |
| PMG | Port Moresby | 34.45 280 | P | P | 06 33 54.6 +0.2 |
| PMG | Port Moresby | 34.45 280 | P | P | 06 33 55.0 +0.6 |
| CMSA | Cobar Meteorol | 35.09 241 | P | P | 06 33 59.8 +0.3 |
| MTSU | Mount Surprise | 35.38 264 | P | P | 06 34 01.8 -0.3 |
| QLP | Quillpie | 35.48 249 | P | P | 06 34 02.7 -0.1 |
| QLP | | | Iamb | Iamb | 06 34 16.6 +0.7 |
| TOO | Tooolangi | 37.10 231 | P | P | 06 34 16.7 +0.7 |
| TOO | Tooolangi | 37.10 231 | P | P | 06 34 28.8 +0.8 |
| STKA | St Stephens Creek | 38.57 241 | P | P | 06 34 28.2 +0.3 |
| STKA | St Stephens Creek | 38.57 241 | P | P | 06 34 28.9 +0.9 |
| STKA | | | Iamb | Iamb | 06 34 29.6 |
| ARPS | Mount Arapiles | 39.59 234 | P | P | 06 34 36.1 +0.1 |
| QIS | Mount Isa | 39.62 259 | P | P | 06 34 35.8 -0.8 |
| HTT | Hallett | 41.09 240 | P | P | 06 34 48.5 +0.4 |
| JAY | Jayapura | 42.91 286 | P | P | 06 35 02.3 -0.3 |
| JAY | Jayapura | 42.91 286 | P | P | 06 35 03.2 +0.6 |
| BBOO | Buckleboole | 43.35 241 | P | P | 06 35 05.9 +0.1 |
| BBOO | Buckleboole | 43.35 241 | P | P | 06 35 05.8 +0.1 |
| GENI | Geniem | 43.37 286 | P | P | 06 35 07.2 +1.0 |
| KHLU | Kahalu u | 43.41 32 | P | P | 06 35 06.6 +0.1 |
| HMH | Humu uia Shep | 43.63 32 | P | P | 06 35 08.7 +0.4 |
| WRA | Warramunga Ar | 44.58 264 | P | P | 06 35 14.4 -1.2 |
| WRA | | | PcP | PcP | 06 36 45.5 -0.3 |
| AS31 | Alice Springs | 44.75 254 | P | P | 06 35 16.7 -0.2 |
| ASAR | Alice Springs | 44.75 254 | P | P | 06 35 16.6 -0.2 |
| ASAR | | | PcP | PcP | 06 36 46.0 -0.4 |
| ASAR | | | ScP | ScP | 06 39 45.3 +1.3 |
| ASAR | | | S | S | 06 41 10.4 -2.0 |
| SMPI | Sarni | 44.94 286 | P | P | 06 35 18.8 +0.5 |
| KDU | Kadadu | 47.53 269 | P | P | 06 35 37.3 -0.6 |
| MTN | Manton Dam | 48.77 269 | P | P | 06 35 46.2 -0.9 |
| MTN | Manton Dam | 48.77 269 | P | P | 06 35 46.2 -0.9 |
| WRKA | Warakuma | 49.80 252 | P | P | 06 35 54.3 -0.2 |
| FORT | Forrest | 49.95 245 | P | P | 06 35 54.8 -0.7 |
| FORT | Forrest | 49.95 245 | P | P | 06 35 54.9 -0.6 |
| FAKI | Fak Fak | 50.57 281 | P | P | 06 36 01.3 +1.0 |
| FAKI | Fak Fak | 50.57 281 | P | P | 06 35 59.4 -0.9 |
| FAKI | | | Iamb | Iamb | 06 36 01.6 |
| SNJ | Sorong | 52.23 283 | P | P | 06 36 12.3 +0.1 |
| SWI | Sorong | 52.24 283 | P | P | 06 36 12.1 -0.2 |
| FITZ | Fitzroy Crossi | 52.99 261 | P | P | 06 36 17.5 -0.2 |
| FITZ | Fitzroy Crossi | 52.99 261 | P | P | 06 36 17.4 -0.2 |
| FITZ | | | Iamb | Iamb | 06 36 17.3 -0.2 |
| FITZ | | | Iamb | Iamb | 06 36 17.9 |
| KMBL | Kambalda | 55.26 244 | P | P | 06 36 32.6 -0.7 |
| SOEI | Soe | 56.05 270 | P | P | 06 36 40.2 +1.0 |
| SOEI | Soe | 56.05 270 | P | P | 06 36 39.9 +0.8 |
| TNTI | Ternate | 56.46 283 | P | P | 06 36 42.5 +0.7 |
| BATI | Baumata | 56.51 270 | P | P | 06 36 42.6 +0.4 |
| BATI | Baumata | 56.51 270 | P | P | 06 36 43.7 +1.5 |
| SANI | Sanana | 56.73 280 | P | P | 06 36 43.3 -0.4 |
| PSA0 | Pillbara Seismi | 57.87 255 | P | P | 06 36 50.9 -0.5 |
| MEEK | Meeskathra | 58.39 249 | P | P | 06 36 53.9 -0.9 |
| EDFI | Ende, Flores | 58.77 271 | P | P | 06 36 56.7 -0.9 |
| KLBR | Kellerberrin | 58.77 244 | P | P | 06 36 56.5 -0.8 |
| NWAO | Narrogin (SRO) | 59.15 242 | P | P | 06 36 59.5 -0.4 |
| NWAO | Narrogin (SRO) | 59.15 242 | P | P | 06 36 59.3 -0.6 |
| NWAO | Narrogin (SRO) | 59.15 242 | P | P | 06 36 59.4 -0.4 |
| NWAO | | | Iamb | Iamb | 06 36 59.8 |
| NWAO | Narrogin (SRO) | 59.15 242 | P | P | 06 36 59.2 -0.6 |
| NWAO | | | Iamb | Iamb | 06 36 59.8 |
| RKGY | Rocky Gully | 59.31 240 | P | P | 06 37 00.7 -0.1 |
| BLDU | Baldid | 59.73 245 | P | P | 06 37 02.8 -0.8 |
| MUN | Mundaring | 60.07 243 | P | P | 06 37 05.8 -0.1 |
| LWUI | Luwuk | 60.10 279 | P | P | 06 37 05.9 -0.5 |
| VNDA | Vanda | 60.36 185 | P | P | 06 37 08.4 +1.4 |

| | | | | | |
|-------|-----------------|-----------|------|------|-----------------|
| VNDA | Vanda | 60.36 185 | P | P | 06 37 08.0 +0.9 |
| MRWA | Morawa | 60.43 246 | P | P | 06 37 07.6 -0.7 |
| MORW | Morawa | 60.43 246 | P | P | 06 37 07.4 -0.9 |
| MORW | | | Iamb | Iamb | 06 37 08.4 |
| PLAI | Plampang | 62.47 269 | P | P | 06 37 21.7 -0.1 |
| GIRL | Girral | 62.85 253 | P | P | 06 37 24.9 +0.7 |
| TWSI | Taliwang, Sumb | 63.34 269 | P | P | 06 37 27.0 -0.5 |
| CASY | Casey | 66.06 205 | P | P | 06 37 43.6 +0.1 |
| CASY | | | Iamb | Iamb | 06 37 44.5 |
| MJAR | Matsushiro | 67.96 323 | P | P | 06 37 55.1 -0.6 |
| MAT | Matsushiro | 67.96 323 | P | P | 06 37 55.3 -0.4 |
| PWJI | Pagerwojo | 68.37 268 | P | P | 06 38 02.7 +0.0 |
| SBUM | Sibu | 71.19 279 | P | P | 06 38 15.5 0.0 |
| KPJI | Karang Pucung | 71.30 268 | P | P | 06 38 15.8 -0.3 |
| QSPA | Cisomp, Garu | 72.07 180 | P | P | 06 38 20.1 +0.3 |
| CISI | Cisomp, Garu | 72.30 268 | P | P | 06 38 21.9 0.0 |
| CISI | Kuching, Garu | 72.30 268 | P | P | 06 38 20.0 -2.0 |
| KSM | Kuching | 72.67 277 | P | P | 06 38 24.1 +0.1 |
| DBJI | Drangaj | 73.59 268 | P | P | 06 38 29.4 +0.1 |
| PETK | Petrovavskok- | 73.75 345 | P | P | 06 38 28.9 -0.3 |
| CGJI | Cibinong | 74.58 268 | P | P | 06 38 33.5 -1.4 |
| SNCC | San Nicolas Is | 75.86 48 | P | P | 06 38 42.6 +1.1 |
| KASI | Kota Agung | 76.03 269 | P | P | 06 38 42.1 -0.8 |
| SCCZ | Santa Cruz Isl | 76.18 47 | P | P | 06 38 44.1 +0.8 |
| SAO | San Andreas Ge | 76.50 44 | P | P | 06 38 46.5 +1.5 |
| SAO | | | Iamb | Iamb | 06 38 46.9 |
| PKM | Mcpheerson Peak | 76.55 46 | P | P | 06 38 46.4 +0.9 |
| PMPB | Monarch Peak | 76.62 45 | P | P | 06 38 47.6 +1.9 |
| PMPB | | | Iamb | Iamb | 06 38 47.8 |
| SMCM | Simmler | 76.66 46 | P | P | 06 38 47.4 +1.5 |
| PAGB | Antelope Grade | 76.72 45 | P | P | 06 38 46.9 +0.7 |
| FMP | Fort Mc Carthur | 76.97 48 | P | P | 06 38 48.5 +0.9 |
| KMRM | Mail Ridge | 77.09 40 | P | P | 06 38 49.0 +0.7 |
| DECC | Green Verdugo | 77.23 47 | P | P | 06 38 49.7 +0.6 |
| PASC | Pasadena Art C | 77.29 48 | P | P | 06 38 49.2 -0.2 |
| PASC | | | Iamb | Iamb | 06 38 50.7 |
| ARVC | Arvin | 77.36 46 | P | P | 06 38 50.4 +0.7 |
| 109C | Camp Elliot, M | 77.39 49 | P | P | 06 38 50.5 +0.6 |
| 109C | Camp Elliot, M | 77.39 49 | P | P | 06 38 49.7 -0.2 |
| MWC | Mount Wilson | 77.41 48 | P | P | 06 38 50.3 0.0 |
| MWC | | | Iamb | Iamb | 06 38 51.6 |
| CBX | Cerro Bola | 77.41 50 | P | P | 06 38 50.8 +0.6 |
| YES | Vestal, Richgr | 77.57 46 | P | P | 06 38 51.1 +0.4 |
| TKX | Teale | 77.58 50 | P | P | 06 38 51.9 +0.9 |
| BAR | Barrett | 77.59 50 | P | P | 06 38 50.8 -0.3 |
| 002D | Mt. Diablo Mer | 77.63 40 | P | P | 06 38 52.5 +1.3 |
| MURC | Murieta | 77.69 48 | P | P | 06 38 52.3 +0.7 |
| BFSC | Mount Baldy Ra | 77.70 48 | P | P | 06 38 52.0 +0.3 |
| EDWZ | Edwards Air Fo | 77.80 47 | P | P | 06 38 52.9 +0.8 |
| MONPZ | Monument Peak | 77.88 49 | P | P | 06 38 53.8 +1.0 |
| ISA | Isabella, Lake | 77.89 46 | P | P | 06 38 53.5 +0.9 |
| ISA | Isabella, Lake | 77.89 46 | P | P | 06 38 53.4 +0.7 |
| ISA | | | Iamb | Iamb | 06 38 54.5 |
| CMB | Columbia Colle | 77.91 43 | P | P | 06 38 52.7 +0.1 |
| CMB | | | Iamb | Iamb | 06 38 54.2 |
| NJ2 | Nanjing | 77.97 310 | eP | eP | 06 38 54.3 +1.3 |
| NJ2 | | | pmax | pmax | |
| IKP | In-Ko-Pah, Jac | 77.99 50 | P | P | 06 38 54.3 +1.1 |
| WDC | Whiskeytown Da | 78.02 40 | P | P | 06 38 53.5 +0.4 |
| AFDM | Forest Hills D | 78.05 42 | P | P | 06 38 53.4 +0.1 |
| ORVD | Oroville | 78.07 41 | P | P | 06 38 53.0 -0.4 |
| NR20 | Trinity Center | 78.15 40 | P | P | 06 38 55.1 +1.2 |
| PFO | Pinyon Flats O | 78.22 49 | P | P | 06 38 55.2 +0.7 |
| PFO | Pinyon Flats O | 78.22 49 | P | P | 06 38 54.8 +0.3 |
| PFO | | | Iamb | Iamb | 06 38 55.5 +1.0 |
| BBRC | Big Bear Solar | 78.23 48 | P | P | 06 38 55.3 +0.6 |
| 003E | Paynes Creek | 78.31 41 | P | P | 06 38 55.1 +0.3 |
| M02C | Callahan | 78.31 39 | P | P | 06 38 56.0 +1.2 |
| L02E | Cave Junction | 78.33 38 | P | P | 06 38 55.6 +0.8 |
| LRMC | Laurel Mtn Rad | 78.34 47 | P | P | 06 38 55.7 +0.6 |
| SWSC | Sam W. Stewart | 78.36 50 | P | P | 06 38 56.1 +1.0 |
| RRX | Edison Barstow | 78.50 47 | P | P | 06 38 56.1 +0.2 |
| MDPB | Devils Postpil | 78.55 44 | P | P | 06 38 56.8 +0.4 |
| MDPB | | | Iamb | Iamb | 06 38 58.1 |
| CWC | Cottonwood Cre | 78.57 46 | P | P | 06 38 57.2 +0.8 |
| OMMB | Old Mammoth Mi | 78.59 44 | P | P | 06 38 57.6 +0.9 |
| OMMB | | | Iamb | Iamb | 06 38 58.4 |
| YBH | Yreka Blue Hor | 78.60 39 | P | P | 06 38 56.4 +0.1 |
| YBH | | | Iamb | Iamb | 06 38 58.3 |
| K02D | Williamette Mer | 78.62 38 | P | P | 06 38 57.7 +1.3 |
| MLAC | Mammoth, Mammo | 78.71 44 | P | P | 06 38 57.8 +0.6 |
| J01E | Myrtle Point | 78.75 37 | P | P | 06 38 57.7 +0.8 |
| BELC | Belle Mtn. Jos | 78.75 49 | P | P | 06 38 58.2 +0.8 |
| MPMC | Manual Propiec | 78.78 46 | P | P | 06 38 58.3 +0.8 |
| WAKR | Walker | 78.80 43 | P | P | 06 38 58.4 +0.9 |
| WAKR | | | Iamb | Iamb | 06 38 59.6 |
| TIN | Tinamah, Big | 78.80 45 | P | P | 06 38 58.3 +0.8 |
| GSC | Goldstone, Bar | 78.85 47 | P | P | 06 38 58.4 +0.6 |
| HEC | Hector, Ludlow | 78.84 47 | P | P | 06 38 58.2 +0.4 |
| BEKR | Beckworth | 78.97 42 | P | P | 06 38 58.8 +0.4 |
| BEKR | | | Iamb | Iamb | 06 38 59.6 |
| BC3 | Big Chuckwall | 78.97 49 | P | P | 06 38 59.5 +1.0 |
| PNTR | Pine Nut | 79.01 43 | P | P | 06 38 59.9 +1.2 |
| PNTR | | | Iamb | Iamb | 06 39 00.6 |
| VGNR | Virginia City | 79.10 43 | P | P | 06 39 00.0 +0.8 |
| GLA | Glamis | 79.12 50 | P | P | 06 39 00.5 +1.2 |
| GLA | | | Iamb | Iamb | 06 38 59.9 +0.7 |
| GLA | | | Iamb | Iamb | 06 39 01.6 |
| LOAD | Load | 79.13 39 | P | P | 06 39 00.0 +0.8 |

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Vila Bisbo, EGRO, PCVE, PTEO, MESJ, PBEJ, EMIN, PNCL, ESPR, EVO, PESTR, SMIR, PMTG, HORN, ECAB, ECAB, PMAFR, PMAFR, PMAFR, PMRV, PSBE, EADA, PCBR, ZHG, PAB, MVO, MVO, MVO, MD31, POL, MDT, ELOB, PBRG, PBRG, PGAV, ECAL, ETOB, ETOR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like Warramunga Arr, WRA, AS31, ASAR, QSPA, PETK, YBH, WAKR, NVAR, MOD, PRN, U15A, HLID, TMUT, ILAR, TX31, TX32, TXAR, MCMT, PDAR, INK, YKA, FINES, AKASG, CLL, GERES, CONA, KBA, RETA, MOTA, SOTA, ABTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Rows include stations like PVI8, PVI2, PVO3, LCMT, PV07, P20A, PV15, PV01, R11A, AHID, U15A, ECR, BW06, PD31, PDAR, MVO, REDW, SMCO, SHRP, LOHW, RWWY, MOOW, WUJAZ, YP, TPNV, MPH, S22A, FLOWY, W18A, MFID, BCIY, N23A, H17A, W13A, W16A, ISCO, NVAR, NVAR, K22A, YHH, RYH, LHV, Q2A, PAHR, PNCR, VCNR, ANMO, etc.

IDC 29 06:55:17.1±1.8, 17.65S:178.77W, h590km, 19km, mb3.5/11, mb1 3.8/13, mb1mx3.4/42, mbtmp4.1/3, Error ellipse: s-maj=49.2km s-min=14.0km az=148.0. NEIC 29 06:55:17.1±1.8, 18.0S:0.1:178.6W:0.1, h597km, 11km, mb4.1/19, Error ellipse: s-maj=20.9km s-min=17.6km az=206.0. ISC 29 06:55:15.4±0.6, 18.0S:0.1:178.5W:0.1, h579km, n46, ±1548/40, mb4.0/21, Fiji Islands region

UUSS 29 06:56:46.7±1.5, 39.68N:0.02:111.97W:0.0, 0.08, h2km, 7km, ML3.2/23, Error ellipse: s-maj=2.6km s-min=0.3km az=161.0. NEIC 29 06:56:47.9±1.0, 39.79N:111.90W, h0km, mb2.7/1, mb1 3.3/6, mb1mx3.2/57, mbtmp3.0/6, ML3.2/5, MS2.1/1, MS1 2.1/1, ms1mx1.9/13, Error ellipse: s-maj=11.3km s-min=8.2km az=170.0. ISC 29 06:57:07.0±0.8, 39.69N:0.02:111.99W:0.02, h9km, n120, ±1517/120, Utah

NNC 29 07:01:30.3±2.6, 53.55N:87.47E, h0km, mb2.7, mpv2.5, Error ellipse: s-maj=33.0km s-min=16.4km az=31.0, Suspected Mining explosion. IDC 29 07:01:31.0±3.0, 53.48N:87.46E, h0km, mb1 2.9/2, mb1mx2.8/47, mbtmp2.9/2, ML2.5/2, Error ellipse: s-maj=27.8km s-min=15.5km az=59.0. ISC 29 07:01:26.7±6.6, 53.8N:87.48E:0.3, h0km, n7, ±0527/6, 3C-20, Southwestern Siberia

29d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kalavryta, Klokotos Trika, Karpas, etc.

2014 DEC

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, ABTA, CTI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PMRV, AB09, AB04, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like Parakevi, PRK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GUMO Guam, MTN Manton Dam, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KSRS, KS19, JWJ, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like HHC, JMM, QIS, etc.

29d 9h

| | | | | | | |
|------|--------------------------------------------|--------|-----|---------|---------|-----------------|
| BMO | comp=Z,4jm,20.0s | 104.97 | 39 | IAMS_20 | IAMS_20 | 10 22 53.6 |
| AFDM | Blue Mountains | 105.17 | 46 | IAMS_20 | IAMS_20 | 10 21 36.9 |
| BEKA | Forest Hills D | 105.22 | 45 | IAMS_20 | IAMS_20 | 10 22 27.8 |
| BEKA | comp=Z,22.0s | | | | | |
| WVOR | Wild Horse Val | 105.25 | 42 | IAMS_20 | IAMS_20 | 10 22 48.4 |
| CCAI | Carmenellis | 105.45 | 328 | eP | Pdif | 09 43 37.7 -1.0 |
| CCAI | comp=Z,5jm,16.0s | | | | | |
| RKT | Rikitea | 105.65 | 112 | eLQ | LQ | 10 13 58.2 |
| RKT | comp=Z,5jm,39.5s | | | | | |
| VCNR | Virginia City | 105.95 | 45 | IAMS_20 | IAMS_20 | 10 22 50.4 |
| PAHR | Pah Rah Range | 105.96 | 45 | IAMS_20 | IAMS_20 | 10 28 52.5 |
| TSUM | Tsumeb | 105.97 | 253 | IAMS_20 | IAMS_20 | 10 31 55.8 |
| CMB | Columbia Colle | 105.97 | 46 | IAMS_20 | IAMS_20 | 10 21 20.0 |
| PMPB | Monarch Peak | 106.42 | 48 | IAMS_20 | IAMS_20 | 10 24 26.1 |
| MFID | Camas Ranch | 106.60 | 40 | IAMS_20 | IAMS_20 | 10 25 49.8 |
| FCC | Fort Churchill | 106.92 | 19 | IAMS_20 | IAMS_20 | 10 40 22.1 |
| MDPB | Devils Postpil | 107.08 | 46 | IAMS_20 | IAMS_20 | 10 22 05.3 |
| NVAR | Minna Array Bea | 107.28 | 45 | Pdif | Pdif | 09 43 58.4 +2.2 |
| NVAR | comp=Z,0.6nm,0.7s,baz=298,slow=3.2,SNR=4.3 | | | | | |
| HLID | Halley | 107.41 | 39 | IAMS_20 | IAMS_20 | 10 27 49.3 |
| ELK | Elko | 108.29 | 42 | IAMS_20 | IAMS_20 | 10 23 59.0 |
| SNA | Sanae | 108.58 | 196 | IAMS_20 | IAMS_20 | 10 27 52.4 |
| SNCC | San Nicolas Is | 108.58 | 51 | IAMS_20 | IAMS_20 | 10 23 10.7 |
| OSI | Osoy Audit C | 108.62 | 49 | IAMS_20 | IAMS_20 | 10 26 00.6 |
| R11A | Troy Canyon, C | 109.21 | 44 | IAMS_20 | IAMS_20 | 10 25 08.6 |
| PASC | Pasadena Art C | 109.22 | 49 | IAMS_20 | IAMS_20 | 10 27 37.2 |
| H17A | Grant Village | 109.30 | 37 | IAMS_20 | IAMS_20 | 10 35 28.1 |
| LKWY | Lake | 109.31 | 37 | IAMS_20 | IAMS_20 | 10 36 16.3 |
| CART | Cartagena | 109.41 | 315 | PP | PP | 09 48 38.2 -0.1 |
| UCM | Universidad Co | 109.61 | 318 | PP | PP | 09 48 41.1 +1.4 |
| REDW | Red Top Meadow | 109.71 | 38 | IAMS_20 | IAMS_20 | 10 28 23.1 |
| LOHW | Long Hollow | 109.72 | 38 | IAMS_20 | IAMS_20 | 10 28 26.3 |
| GSC | Goldstone, Bar | 109.75 | 48 | IAMS_20 | IAMS_20 | 10 28 00.1 |
| AHD | Auburn Hatcher | 109.89 | 39 | IAMS_20 | IAMS_20 | 10 29 52.8 |
| DUG | Dugway, Tooele | 110.17 | 42 | IAMS_20 | IAMS_20 | 10 25 07.5 |
| DGMT | Dagmar | 110.32 | 31 | IAMS_20 | IAMS_20 | 10 36 48.7 |
| ES02 | SONSECA Array | 110.39 | 318 | IAMS_20 | IAMS_20 | 10 38 20.8 |
| ESDC | Sonsec Array | 110.41 | 318 | PP | PP | 09 48 44.4 -1.2 |
| ES12 | SONSECA Array | 110.42 | 318 | IAMS_20 | IAMS_20 | 10 38 10.5 |
| PFO | Pinyon Flats 0 | 110.75 | 49 | IAMS_20 | IAMS_20 | 10 28 22.0 |
| XPFO | Pion Flat | 110.75 | 49 | IAMS_20 | IAMS_20 | 10 28 22.0 |
| BW06 | Boulder Array | 110.83 | 38 | IAMS_20 | IAMS_20 | 10 26 40.7 |
| PDAR | Pinedale Array | 110.83 | 38 | PKKP | PKKP | 09 48 12.1 +0.4 |
| PDAR | comp=Z,0.4nm,0.6s,baz=228,slow=2.8,SNR=2.5 | | | | | |
| PBRG | Braganca | 111.06 | 321 | eP | PP | 09 48 47.7 -2.4 |
| MVO | Monrovia | 111.59 | 321 | eLR | LR | 10 23 53.9 |
| MELI | Melilla | 111.87 | 313 | PP | PP | 09 48 58.6 +2.5 |
| W13A | Hualapai Mount | 111.96 | 47 | IAMS_20 | IAMS_20 | 10 36 25.5 |
| EMAL | Malaga-Limoner | 112.20 | 315 | PP | PP | 09 48 58.3 -0.1 |
| EMAL | Manteigas | 112.34 | 320 | eLR | LR | 10 24 37.4 |
| U15A | North Rim | 112.44 | 45 | IAMS_20 | IAMS_20 | 10 25 36.0 |
| PMRV | Marv?? | 112.78 | 319 | ePP | PP | 09 49 02.6 +0.1 |
| PMRV | Marv?? | 112.78 | 319 | eLR | LR | 10 24 45.7 |
| PVLZ | Peen de | 112.91 | 314 | PP | PP | 09 49 04.5 +1.0 |
| O20A | White River Ci | 113.14 | 40 | IAMS_20 | IAMS_20 | 10 30 33.0 |
| E28A | Huff | 113.36 | 30 | IAMS_20 | IAMS_20 | 10 36 32.5 |
| WUAZ | Wupatki | 113.54 | 45 | IAMS_20 | IAMS_20 | 10 26 40.2 |
| WFSK | San Fernando | 113.58 | 316 | PP | PP | 09 49 09.3 +1.0 |
| PV14 | Lion Creek, Pa | 113.63 | 42 | IAMS_20 | IAMS_20 | 10 40 04.1 |
| PV20 | West Nyswonger | 113.68 | 42 | IAMS_20 | IAMS_20 | 10 40 14.5 |
| EVO | Evora | 113.68 | 319 | PP | PP | 09 49 11.6 +2.8 |
| PV19 | Morning Glory | 113.69 | 42 | IAMS_20 | IAMS_20 | 10 40 15.7 |
| PV04 | Paradox Valley | 113.69 | 41 | IAMS_20 | IAMS_20 | 10 26 59.9 |
| PV17 | East Wray Mesa | 113.72 | 42 | IAMS_20 | IAMS_20 | 10 40 05.5 |
| PV16 | Nyswonger Mesa | 113.73 | 42 | IAMS_20 | IAMS_20 | 10 27 00.8 |
| PV11 | David Mesa, Pa | 113.77 | 42 | IAMS_20 | IAMS_20 | 10 40 19.8 |
| PV07 | Paradox Valley | 113.84 | 41 | IAMS_20 | IAMS_20 | 10 38 07.6 |
| PV15 | Paradox Valley | 114.00 | 41 | IAMS_20 | IAMS_20 | 10 39 33.9 |
| X16A | Lo Mia Camp, P | 114.05 | 46 | IAMS_20 | IAMS_20 | 10 27 25.8 |
| PVAQ | Vaqueros | 114.11 | 318 | eLR | LR | 10 25 26.4 |
| MESJ | Messejana | 114.20 | 318 | ePP | PP | 09 49 12.1 -0.4 |
| MESJ | AMS | | | | | 10 42 23.4 |
| PMAF | Mafra | 114.27 | 320 | ePP | PP | 09 49 13.7 +0.7 |
| LIS | Lisbon | 114.31 | 319 | ePP | PP | 09 49 13.1 -0.2 |
| LIS | AMS | | | | | 10 33 56.8 |
| IFR | Ifrane | 114.32 | 319 | PP | PP | 09 49 12.9 -0.9 |
| SMCO | Snowmass | 114.49 | 40 | IAMS_20 | IAMS_20 | 10 36 27.8 |
| MVCO | Mesa Verde | 114.61 | 42 | IAMS_20 | IAMS_20 | 10 27 51.3 |
| D32A | Dogwood Acres, | 114.73 | 28 | IAMS_20 | IAMS_20 | 10 38 36.6 |
| MORF | Marlette | 114.78 | 318 | ePP | PP | 09 49 16.3 -0.4 |
| MORF | AMS | | | | | 10 39 24.2 |
| W18A | Petrified Fore | 114.89 | 45 | IAMS_20 | IAMS_20 | 10 30 15.0 |
| ISCO | Idaho Springs | 114.98 | 39 | IAMS_20 | IAMS_20 | 10 40 42.4 |
| X18A | Snowflake | 115.05 | 46 | IAMS_20 | IAMS_20 | 10 29 44.2 |
| B35A | Bob, Littlefor | 115.26 | 25 | IAMS_20 | IAMS_20 | 10 44 44.4 |
| S22A | 4UR Ranch, Cre | 115.41 | 41 | IAMS_20 | IAMS_20 | 10 38 14.2 |
| TUC | Tucson | 115.57 | 48 | IAMS_20 | IAMS_20 | 10 31 36.4 |
| SUSD | Miller | 115.72 | 31 | IAMS_20 | IAMS_20 | 10 38 43.1 |
| Q24A | Divide | 115.77 | 39 | IAMS_20 | IAMS_20 | 10 29 07.4 |
| F33A | 5 Mile Ranch, | 116.02 | 29 | IAMS_20 | IAMS_20 | 10 38 43.8 |
| AVE | Averoes | 116.08 | 314 | PP | PP | 09 49 23.2 -2.7 |
| SDCO | Great Sand Dun | 116.27 | 40 | IAMS_20 | IAMS_20 | 10 32 15.8 |
| TOC2 | Torodi Ar. Sit | 116.48 | 289 | IAMS_20 | IAMS_20 | 10 40 39.3 |

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| | | | | | | |
|-------|--------------------------------------------|--------|------|---------|---------|-----------------|
| TOC3 | Torodi Ar. Sit | 116.49 | 289 | IAMS_20 | IAMS_20 | 10 40 39.4 |
| TOC1 | Torodi Ar. Sit | 116.50 | 289 | IAMS_20 | IAMS_20 | 10 46 55.6 |
| TOA2 | Torodi Ar. Sit | 116.50 | 289 | IAMS_20 | IAMS_20 | 10 46 55.9 |
| TOB3 | Torodi Ar. Sit | 116.50 | 289 | IAMS_20 | IAMS_20 | 10 46 55.8 |
| TOB1 | Torodi Ar. Sit | 116.51 | 289 | IAMS_20 | IAMS_20 | 10 46 55.9 |
| TOA0 | Torodi Ar. Sit | 116.51 | 289 | PKP | PKP | 09 48 22.2 -0.7 |
| TOA0 | comp=Z,2jm,19.0s | | | | | 10 46 56.0 |
| TORD | Torodi Ar. Bea | 116.51 | 289 | PKP | PKP | 09 48 22.4 -0.6 |
| TORD | comp=Z,2.7nm,0.8s,baz=26,slow=2.1,SNR=10.0 | | | | | 09 49 26.3 -3.5 |
| TORD | comp=Z,9.6nm,1.1s,baz=54,slow=6.6,SNR=5.2 | | | | | 09 49 21.6 +6.0 |
| TYM | Ely | 116.51 | 24 | IAMS_20 | IAMS_20 | 10 43 45.3 |
| TOA3 | Torodi Ar. Sit | 116.51 | 289 | IAMS_20 | IAMS_20 | 10 46 56.1 |
| TOC4 | Torodi Ar. Sit | 116.51 | 289 | IAMS_20 | IAMS_20 | 10 46 56.1 |
| TOC7 | Torodi Ar. Sit | 116.52 | 289 | IAMS_20 | IAMS_20 | 10 46 55.3 |
| TOB5 | Torodi Ar. Sit | 116.52 | 289 | IAMS_20 | IAMS_20 | 10 46 55.3 |
| TOB4 | Torodi Ar. Sit | 116.52 | 289 | IAMS_20 | IAMS_20 | 10 46 55.3 |
| TOC5 | Torodi Ar. Sit | 116.53 | 289 | IAMS_20 | IAMS_20 | 10 46 56.6 |
| HSIG | comp=Z,2jm,20.0s | 117.04 | 51 | IAMS_20 | IAMS_20 | 10 36 17.6 |
| K31A | O'Neill | 117.09 | 32 | IAMS_20 | IAMS_20 | 10 39 00.6 |
| ANMO | Albuquerque | 117.25 | 43 | PKKP | PKP | 09 48 23.6 -0.5 |
| ANMO | Albuquerque | 117.25 | 43 | PKP | PKP | 09 48 23.6 -0.5 |
| ANMO | Albuquerque | 117.25 | 43 | IAMS_20 | IAMS_20 | 10 26 59.1 |
| KSCO | Kaye Sheddock | 117.28 | 38 | IAMS_20 | IAMS_20 | 10 33 09.4 |
| T25A | Trinidad | 117.32 | 40 | IAMS_20 | IAMS_20 | 10 36 14.8 |
| E38A | The Farm, Brul | 117.55 | 25 | IAMS_20 | IAMS_20 | 10 42 59.0 |
| 121A | Cookes Peak, D | 117.64 | 46 | IAMS_20 | IAMS_20 | 10 38 28.8 |
| SPMM | Marine on St. | 118.09 | 27 | IAMS_20 | IAMS_20 | 10 41 40.4 |
| BGNE | Belgrade | 118.26 | 33 | IAMS_20 | IAMS_20 | 10 45 35.6 |
| D41A | Belgrade | 118.39 | 23 | IAMS_20 | IAMS_20 | 10 37 47.9 |
| CBK5 | Cedar Bluff | 119.13 | 36 | IAMS_20 | IAMS_20 | 10 34 42.1 |
| E43A | Lone Tree Farm | 119.56 | 22 | IAMS_20 | IAMS_20 | 10 46 53.7 |
| R32A | Long Quarter, | 119.99 | 36 | IAMS_20 | IAMS_20 | 10 41 41.8 |
| K38A | Parkersburg | 120.09 | 29 | IAMS_20 | IAMS_20 | 10 48 31.5 |
| H04A | Norwalk | 120.21 | 26 | IAMS_20 | IAMS_20 | 10 43 39.7 |
| SLBS | Sierra La Lagu | 120.27 | 56 | IAMS_20 | IAMS_20 | 10 31 44.7 |
| E46A | Sault Ste Mar | 120.54 | 21 | IAMS_20 | IAMS_20 | 10 38 48.5 |
| KSU1 | Kansas State U | 120.71 | 34 | PKP | PKP | 09 48 29.8 -0.6 |
| KSU1 | Kansas State U | 120.71 | 34 | IAMS_20 | IAMS_20 | 10 35 33.7 |
| H43A | Windswept, Lux | 120.84 | 24 | IAMS_20 | IAMS_20 | 10 40 44.9 |
| V42A | Draeger Farm, | 120.84 | 25 | IAMS_20 | IAMS_20 | 10 46 18.1 |
| HLDA | Val d'Or | 121.03 | 15 | IAMS_20 | IAMS_20 | 10 51 44.0 |
| JFWS | Jewell Farm | 121.05 | 27 | IAMS_20 | IAMS_20 | 10 46 43.6 |
| G45A | Sutton Bay | 121.19 | 22 | IAMS_20 | IAMS_20 | 10 48 11.9 |
| N38A | Joes South For | 121.27 | 30 | IAMS_20 | IAMS_20 | 10 40 17.9 |
| L40A | Anamosa | 121.27 | 28 | IAMS_20 | IAMS_20 | 10 47 33.9 |
| KOWA | Kowa | 121.36 | 293 | PKP | PKP | 09 48 31.4 -0.8 |
| KS21 | Milan North St | 121.37 | 36 | IAMS_20 | IAMS_20 | 10 49 29.3 |
| I45A | Fountain | 121.81 | 23 | IAMS_20 | IAMS_20 | 10 50 23.5 |
| P38A | Dawn | 121.98 | 32 | IAMS_20 | IAMS_20 | 10 47 10.0 |
| L42A | Oliver, Polo | 122.03 | 27 | IAMS_20 | IAMS_20 | 10 45 34.7 |
| K43A | Burlington | 122.05 | 26 | IAMS_20 | IAMS_20 | 10 47 29.2 |
| T35A | Sooner Cattle | 122.29 | 36 | IAMS_20 | IAMS_20 | 10 37 23.7 |
| TXAR | Lajitas Arr | 122.34 | 47 | PKP | PKP | 09 48 34.7 +0.5 |
| TXAR | comp=Z,3.2nm,1.1s,baz=240,slow=1.2,SNR=13 | | | | | 09 50 07.5 -1.8 |
| WMOK | Wichita Mounta | 122.39 | 39 | PKP | PKP | 09 48 27.4 -6.4 |
| WMOK | Wichita Mounta | 122.39 | 39 | PKP | PKP | 09 48 27.4 -6.4 |
| WMOK | Wichita Mounta | 122.39 | 39 | IAMS_20 | IAMS_20 | 10 32 43.7 |
| N41A | Harden Midland | 122.50 | 29 | IAMS_20 | IAMS_20 | 10 43 18.3 |
| L44A | Lake County Fo | 122.66 | 26 | IAMS_20 | IAMS_20 | 10 47 26.1 |
| OK031 | S. Brethren Rd | 122.76 | 37 | IAMS_20 | IAMS_20 | 10 37 50.2 |
| OK030 | Cody Creek RV | 122.81 | 37</ | | | |

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Q52A Bidwell, N58A Sunbury, KSCT Kent, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MTDJ Mount Denham, JTS Las Juntas de, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ Fitzroy Crossi, SOMN Songo Arroyo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like AKASG, FINES, and IDC 29 10:57:23.12.3.57.465:26.36W, h0km, mb4.1/4.

IDC 29 10:57:23.12.3.57.465:26.36W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.9/24, mbtmp3.4/4, Error ellipse: s-maj=115.9km s-min=50.7km az=21.0

NEIC 29 10:57:39.9.1.2.57.2S:0.2-27.0W:0.1, h120km, 10km, mb4.4/15, Error ellipse: s-maj=25.9km s-min=8.4km az=166.0

ISC 29 10:57:45.4.1.1.5639S:0.2-27.5W:0.2, h150km, n25, r1542:23, mb4.2/10, South Sandwich Islands region

Main table for 1391 containing station data for various regions like Neumayer, Snaa, EFI, GO09, PLCA, QSPA, CPUP, AC05, AC02, LVC, PB07, PB08, GO01, GO01, PB11, MNMC, LPAZ, LPAZ, LPAZ, CASY, YKA, INK, ILAR, etc.

IDC 29 11:06:14.2-14.0, 13.23S, 167.99E, h0km, mb3.8/4, mb1 3.4/0.5, mb1mx3.6/40, mbtmp3.9/5, ML3.3/1, Error ellipse: s-maj=232.9km s-min=55.1km az=59.0, Vanuatu Islands

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

IDC 29 11:19:42.7.1.8.7.16S:105.15E, h0km, mb3.2/3, mb1 3.4/4, mb1mx3.2/45, mbtmp3.3/4, ML4.0/1, Error ellipse: s-maj=50.2km s-min=27.2km az=32.0, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like LEM, LEM, H01W3, H01W1, H01W2, WRA, ASAR, H08S2, H08S3, H08S1, MKAR, TXAR, etc.

NEIC 29 11:29:46.8.1.2, 1.25N:0.06+126.50E:0.06, h46km, 8km, mb4.8/2, mb4.4/13, ML4.3/16, MW(MB)4.0/2

DJA 29 11:29:47.0.2.1, N2.2+12.6E, h44km, 8km, M4.3/16, mb4.8/2, mb4.4/13, ML4.3/16, MW(MB)4.0/2

IDC 29 11:29:47.2.3.2, 1.19N:126.47E, h44km, 30km, mb4.0/20, mb1 4.1/22, mb1mx4.0/37, mbtmp4.2/22, ML3.8/2, MS3.2/2, Ms1 3.2/2, ms1mx2.9/46, Error ellipse: s-maj=26.4km s-min=11.4km az=79.0

ISC 29 11:29:46.4.0.4, 1.23N:0.04+126.53E:0.05, h35km, n77, r1548/87, mb4.4/32, 1D, Northern Molouca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like TNTI, TNTI, TNTI, KMSI, KMSI, SGSI, SANI, GTOI, LUWI, LUWI, LUWI, MRSI, MSAI, SUJI, APSI, TOLJ, KCP, MPSI, FAKI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like FAKI, TTSI, SPSI, MYLD, BKSI, KAPSI, EDFI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like WB0, COEN, WRAB, WRA, WRA, WB2, WR0, TPUB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like ASAD, AS31, ASAR, ASAR, MORW, FORT, CMAR, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like ASAJ, SONM, PETK, MK31, MK31, MKAR, MKAR, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like TIXI, GEYT, NRIK, ABKAR, ARU, Vnda, Vnda, Vnda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC. Includes stations like GEVA, KBZ, ILAR, QSPA, ARCES, FINES, TXAR, TORD, etc.

IDC 29 11:58:02.8.2.6, 8.98N:122.56E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/53, mbtmp3.5/4, MS3.3/1, Ms1 3.5/1, ms1mx2.8/40, Error ellipse: s-maj=346.3km s-min=22.5km az=63.0

MAN 29 11:58:04.8.8.59N:121.47E, h52km, mb4.5, ML3.4, MS3.2, ISC 29 11:58:04.7.1.3, 8.75N:121.97E:0.08, h10km, n7, r1504/8, mb3.5/4, 1C, Mindanao

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

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

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

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

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

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

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

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

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

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

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

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

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

WEL 29 12:02:51.5.1.0, 36S:13.178E:1.6, h189km, 12km, M3.2/21, mB4.2/22, MLV3.2/21, Mw(mB3.2/2, Error ellipse: s-maj=0.0km s-min=0.0km az=126.3, Off east coast of North Island

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ADC 29 12:27:45.9, 3.2, 9.29N, 122.93E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/5.3, mbtmp3.3/3, 1C, Error ellipse: s-maj=352.0km s-min=29.7km az=63.0, Negroes

ADC 29 12:29:53.5, 1.0, 16.49S, 177.79E, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.7/4.1, mbtmp3.8/5, MS3.6/5, Ms1 3.6/5, ms1mx3.2/3.7, Error ellipse: s-maj=33.5km s-min=19.2km az=86.0

ISC 29 12:29:57.0, 0.7, 16.49S, 177.8E, 0.2, h21km, n20, o093/14, mb3.7/5, MS3.7/6, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, MSVF 800nm, 0.3s, baz=222, slow=18, SNR=15, DZM Mont Dzumac, etc.

ADC 29 12:31:42.1, 2.1, 8.931N, 122.92E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/5.0, mbtmp3.4/3, Error ellipse: s-maj=286.3km s-min=29.7km az=63.0, Negroes

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

ADC 29 13:00:06.4, 1.1, 28.64N, 50.90E, h0km, mb3.9/7, mb1 4.0/8, mb1mx3.5/4.8, mbtmp3.8/8, ML3.1/1, Error ellipse: s-maj=32.5km s-min=27.8km az=144.0

NEIC 29 13:00:08.2, 0.8, 28.73N, 50.08E, 1.3, 3km, az=77.0, h10km, 1km, Error ellipse: s-maj=19.9km s-min=13.3km az=77.0

THR 29 13:00:09.1, 0.3, 28.60N, 50.77E, h17km, 5km, ML3.7, TEH 29 13:00:09.1, 28.77N, 50.75E, h5km, ML3.7

ISC 29 13:00:09.3, 0.8, 28.66N, 50.69E, 0.07, h10km, n45, o140/44, mb3.7/9, Persian Gulf

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAZI Kazerun, SHI Shiraz, IRAM Rameshah, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SNGE Sanandaj, IDHR Dehrash, GEVA Gevas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DBIC Dimbokro, ILULI Ilulissat, YKA Yellowknife Arr, etc.

ADC 29 13:03:20.0, 3.1, 37.10N, 71.31E, h83km, 23km, mb3.6/7, mb1 3.7/15, mb1mx3.3/5.6, mbtmp3.9/15, MS3.8/2, Ms1 3.8/2, ms1mx2.7/4.9, Error ellipse: s-maj=38.2km s-min=16.8km az=137.0

BUI 29 13:03:21.0, 0.0, 37.20N, 71.30E, h96km, mb4.7/13, mb4.1/12

NIC 29 13:03:21.8, 1.4, 37.28N, 71.08E, h95km, 36km, mb3.5, mpv3.9, Error ellipse: s-maj=13.3km s-min=7.6km az=166.0

NEIC 29 13:03:22.7, 1.1, 37.20N, 71.31E, 30E, 0.05, h99km, 7km, mb4.1/17, Error ellipse: s-maj=9.6km s-min=6.1km az=193.0

ISC 29 13:03:21.3, 0.5, 37.10N, 0.05, 71.32E, 0.05, h100km, n88, o240/98, mb4.0/14, 8C-2Z, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BTK Batken, KBL Kabul, CEP Cherat, etc.

TAP 29 13:09:53.4, 24.50N, 122.92E, h91km, 1km, ML3.0, B JMA 29 13:09:53.7, 0.1, 24.44N, 122.61E, h90km, 2km, M1.8

ISC 29 13:09:53.4, 1.2, 24.50N, 122.62E, 0.02, h92km, 7km, n73, o49/123, 1C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DHRM DHARAMSHALA, DHRM DHRM, DHRM DHRM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARU comp=Z, 10nm, 1.5s, IAMB IAMB, GTA Gaotai, etc.

ADC 29 13:09:53.4, 24.50N, 122.92E, h91km, 1km, ML3.0, B JMA 29 13:09:53.7, 0.1, 24.44N, 122.61E, h90km, 2km, M1.8

ISC 29 13:09:53.4, 1.2, 24.50N, 122.62E, 0.02, h92km, 7km, n73, o49/123, 1C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JYNG Yonagunijimaku, YOJ Yonaguni jima, TWC Suao, etc.

TAP 29 13:09:53.4, 24.50N, 122.92E, h91km, 1km, ML3.0, B JMA 29 13:09:53.7, 0.1, 24.44N, 122.61E, h90km, 2km, M1.8

ISC 29 13:09:53.4, 1.2, 24.50N, 122.62E, 0.02, h92km, 7km, n73, o49/123, 1C, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YJNG Yonaguni jima, TWC Suao, TWC baz=279, etc.

29d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Lists various stations like YM11, YM08, NSK, etc.

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Table with columns: ADK, GSTD, GSMY, ATKA, UNLV, AKUT, SDPT, PETK, KDAK, CNPM, BRLL, GLI, FID, EYAK, MDM, IL31, ILAR, PAX, N2SK, GLB, VDRD, CRQM, DOT, MCARA, TGL, ISLE, MESA, YAH, BARN, CTGM, TABL, K27K, PCA, EGAK, HYT, INK, KLR, BBB, BBB, USRK, YKA, NEW, YBH, YBH, BEKR, PAHR, VCNR, PNTR, CMB, HRY, LRM, WAKR, HLD, BCIY, MCMT, RYN, BOZ, NVAR, YHL, ELK, ELK, YHB, YHH, YMR, GGMT, TPI, YNE, H17A, FLYW, HVU, MOOW, RLMT, R11A, SPUT, TPNV, LAO, DUG, DUG, BW06, PD31, PDAR, PRN, PSUT, NLU, CCUT, MSU, TMUT, SRU, U15A, SPITS, PV14, PV04, PV04, PV17, PV16, PV11. Lists various stations and their coordinates.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Lists stations like PV18, PV12, PV03, SCIA, MKAR, TXAR, 545A, CMAR, WRA, FITZ, ASAR, STKA, ANF, NCEDC, NEIC, WDC, MO2C, HOPS, KBO, LTCM, LOZE, YBH, GDXM, FTR, LGBM, O03E, MNRC, LHEM, LMEN, SUTB, HATC, K02D, ORV, MCMC, KEBM, CVS, M04C, L04D, HUMO, J01E, AFDM, K04D, K04D, BEKR, I03D, MOD, K05A, J05D, VCNR, CMB, PAHR, WAKR, SAO, PINE, H04D, RYN, PMPB, MDPB, LHV, I07A, PAGB, GSC, SHPR, PFO, WRA, WRA, ASAR, ASAR, MKAR, BGR, REY, IDC. Includes detailed station information and coordinates.

mb1 4.0/14, mb1mx3.7/55, mbtmp4.0/14, ML3.7/3, MS3.5/16, Ms1 3.5/16, ms1mx3.3/42, Error ellipse: s-maj=28.8km s-min=19.2km az=147.0

ISC 29 16:09:52.9-0.7, 7.42N, 0.05S, 38.8E, 0.1, h10km, n36, e248/32, mb4.0/14, MS3.5/15, Ethiopia

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

IDC 29 16:26:36.8-0.3, 12.44N, 144.41E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/34, mbtmp3.4/3, Error ellipse: s-maj=32.3km s-min=3.6km az=111.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 29 16:26:36.8 event.

ANF 29 16:31:16.7-0.2, 45.65N, 122.77W, h20km, ML2.6/9, Error ellipse: s-maj=2.2km s-min=1.5km az=86.0

PNSN 29 16:31:17.2, 45.65N, 122.76W, h20km, ML2.7, ML2.7, ML2.7

SEA 29 16:31:17.2, 1.4, 45.65N, 122.76W, 0.03, h20km, 1km, ML2.7/59, Error ellipse: s-maj=2.9km s-min=2.5km

ISC 29 16:31:16.7-0.9, 45.66N, 122.77W, 0.02, h19km, 2km, n96, e081/120, Washington-Oregon border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC 29 16:31:16.7 event.

G03D McMinville, O 0.56 217 P Pb 16 31 27.4 -0.4

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

NEIC 29 16:40:50.6-2.3, 33.73S, 0.08E, 178.4W, 0.1, h10km, 2km, mb4.4/1, Error ellipse: s-maj=19.9km s-min=8.8km az=52.0

WEL 29 16:40:52.0-0.7, 33.73S, 17.8W, 1.6, h33km, ML4.3/30, mb4.9/23, ML4.9/30, ML4.7/30, Mw(19)4.2/23, Error ellipse: s-maj=0.0km s-min=0.0km az=111.9

IDC 29 16:40:56.0-7.3, 33.72S, 178.56W, h42km, 60km, mb4.2/3, mb1 4.4/5, mb1mx3.8/30, mbtmp4.4/5, ML4.2/2, MS3.4/3, Ms1 3.3/3, ms1mx2.9/32, Error ellipse: s-maj=50.3km s-min=34.2km az=39.0

ISC 29 16:40:54.3-1.2, 33.71S, 0.08E, 178.3W, 0.1, h41km, n78, e150/88, mb4.4/9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 29 16:40:54.3 event.

TGRZ Tauranga 5.99 226 P Pn 16 42 21.4 +1.1

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

KEA 29 16:42:14.4-0.0, 44.38N, 131.53E, h0km, ML4.1/4

BUI 29 16:41:42.1-0.0, 45.13N, 132.38E, h7km, ML3.6/10, Priamury-Neortheastern China border region

ISC 29 16:50:40.2-4.2, 18.78N, 147.31E, h49km, 40km, mb3.3/8, mb1 3.5/9, mb1mx3.3/38, mbtmp3.3/8, MS3.5/2, Error ellipse: s-maj=42.1km s-min=17.4km az=87.0

ISC 29 16:50:38.6-1.0, 18.80N, 147.4E, 0.2, h35km, n13, e097/11, mb3.6/8, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the ISC 29 16:50:40.2 event.

IDC 29 16:59:12.5-2.8, 9.08N, 122.68E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/41, mbtmp3.3/3, MS2.9/3, Ms1 3.0/3, s-min=30.6km az=63.0, Negros

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC 29 16:59:12.5 event.

29d 17h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like H10N2 ASCENSION HYDR947, PB11 PIOC Station P, and many others.

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Table with columns for station ID, name, frequency, and signal strength. Includes stations like SDV Santo Domingo, ZARC Zaragoza, and many others.

1400

Table with columns for station ID, name, frequency, and signal strength. Includes stations like BBOO Buckleboo, BBOO Buckleboo, and many others.

29d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ISCO, BCO, IRM, PV05, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULM, NIL, BW06, PD31, etc.

1402

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ORV, DRK, EGMT, etc.

29d 20h

| | | | | | |
|------|---------------------------|----------|-----|------------|------|
| SRN | baz=162 | S | Sg | 20 35 14.6 | +3.0 |
| SRN | baz=162 | AMP | | | |
| SRN | comp=E,19nm,0.8s, baz=162 | P | Pb | 20 34 45.4 | -0.5 |
| SRN | Sarande | 1.84 163 | P | 20 35 10.2 | -1.4 |
| TAR1 | comp=E,4um,0.7s | ePn | Pg | 20 34 49.1 | +0.3 |
| NOCI | Taranto | 1.90 234 | P | 20 34 45.5 | +0.9 |
| NOCI | Noci | 1.91 244 | P | | |
| NOCI | comp=N,21450um,0.4s | AML | | | |
| NOCI | | AML | | | |
| BAI | comp=E,13800um,0.4s | P | Pb | 20 34 45.6 | +1.0 |
| RUDO | Bari | 1.91 254 | P | 20 34 47.0 | -1.0 |
| RUDO | Rudo | 1.97 1 | ePn | 20 35 13.6 | +1.1 |
| KEK | Kerkira | 1.97 169 | P | 20 34 46.8 | -1.3 |
| KEK | comp=E,5um,0.7s | S | Sg | 20 35 14.4 | -1.3 |
| KEK | Kerkira | 1.97 169 | P | 20 34 46.6 | -1.5 |
| KEK | comp=E,1385um,0.7s | AML | | | |
| KEK | comp=N,1235um,0.7s | AML | | | |
| PENT | Pentalofos | 2.00 136 | P | 20 34 48.8 | +0.1 |
| PENT | comp=N,4um,0.7s | S | Sg | 20 35 15.4 | -1.4 |
| IVAS | Ivanjica | 2.02 17 | ePn | 20 34 48.0 | -1.0 |
| IVAS | Lstovo | 2.12 303 | iPn | 20 35 14.0 | -0.1 |
| LSTV | Stip | 2.15 88 | iPn | 20 34 48.5 | +1.0 |
| LSTV | Stip | 2.15 88 | iPn | 20 35 15.7 | -1.2 |
| STIP | Stip | 2.15 88 | iPn | 20 34 52.6 | -1.0 |
| STIP | comp=E,633nm,0.5s | eLg | Lg | 20 35 23.6 | +1.5 |
| AMUR | Altamura | 2.17 251 | P | 20 34 49.0 | +0.7 |
| AMUR | comp=E,7865um,0.9s | AML | | | |
| AMUR | comp=N,8680um,0.7s | AML | | | |
| MATE | Matera | 2.21 244 | P | 20 34 48.5 | -0.2 |
| MATE | Matera | 2.21 244 | P | 20 34 49.3 | +0.6 |
| MATE | comp=N,9120um,1.6s | AML | | | |
| MATE | comp=E,7955um,1.0s | AML | | | |
| BBLs | Lazi&#263;i | 2.21 2 | ePn | 20 34 51.2 | -1.1 |
| BBLs | Lazi&#263;i | 2.21 21 | iPn | 20 35 18.1 | +1.9 |
| BBLs | Kozani | 2.29 125 | P | 20 34 50.8 | +1.9 |
| BBLs | KZN | 2.29 125 | P | 20 35 19.2 | -0.5 |
| KZN | comp=E,4um,0.6s | S | Sb | 20 35 52.7 | -0.9 |
| KPRO | Kipourio | 2.30 137 | P | 20 35 22.8 | +0.7 |
| KPRO | Janina | 2.31 149 | P | 20 34 52.8 | -0.9 |
| JAN | Janina | 2.31 149 | P | 20 35 23.4 | +1.1 |
| MAKA | Makarska | 2.36 315 | ePn | 20 34 52.1 | +1.4 |
| MAKA | Miglionico | 2.41 245 | P | 20 35 21.7 | +2.1 |
| MIGL | comp=E,3385um,0.8s | AML | | | |
| MIGL | comp=N,3245um,0.9s | AML | | | |
| MIGL | comp=E,3385um,0.8s | AML | | | |
| MIGL | comp=N,3245um,0.9s | AML | | | |
| MRVN | Minervino Murg | 2.42 257 | P | 20 34 52.4 | +0.7 |
| MRVN | comp=E,5595um,0.8s | AML | | | |
| MRVN | comp=N,5065um,0.5s | AML | | | |
| GRG | Griva | 2.42 106 | P | 20 34 54.0 | -1.9 |
| GRG | Griva | 2.42 106 | P | 20 35 21.3 | -0.0 |
| HAPS | Han Pijesak, BI | 2.45 354 | ePn | 20 34 54.0 | -1.9 |
| HAPS | Han Pijesak, BI | 2.45 354 | ePn | 20 35 25.3 | -1.3 |
| HAPS | Gruza | 2.46 24 | ePn | 20 34 53.4 | +1.2 |
| HAPS | Valandovo | 2.47 97 | iPn | 20 35 25.2 | -1.3 |
| GRUS | Valandovo | 2.47 97 | iPn | 20 34 54.2 | +2.0 |
| VAY | Vay | 2.47 97 | iPn | 20 34 54.5 | -2.1 |
| VAY | comp=N,3um,1.2s | AML | | | |
| DIVS | Divibare | 2.50 11 | ePn | 20 34 54.5 | +1.7 |
| DIVS | Divibare | 2.50 11 | iPn | 20 34 54.0 | +1.2 |
| DIVS | Divibare | 2.50 11 | P | 20 35 25.3 | -1.5 |
| DIVS | Divibare | 2.50 11 | P | 20 34 53.9 | +1.1 |
| BOSS | Bosilegrad | 2.50 69 | ePn | 20 34 54.3 | +1.5 |
| BOSS | Monte S. Angel | 2.55 273 | P | 20 34 54.9 | +2.1 |
| MSAG | Monte S. Angel | 2.55 273 | P | 20 35 26.1 | -1.8 |
| MSAG | comp=E,881um,0.9s | AML | | | |
| MSAG | comp=E,8995um,0.9s | AML | | | |
| MSAG | comp=N,15300um,0.6s | AML | | | |
| MSAG | comp=N,15200um,0.6s | AML | | | |
| HVAR | Hvar | 2.62 307 | ePn | 20 34 55.3 | +1.0 |
| PALZ | Palazzo San Ge | 2.62 256 | P | 20 35 27.9 | +1.9 |
| PALZ | comp=E,2905um,1.0s | AML | | | |
| PALZ | comp=N,1665um,0.9s | AML | | | |
| PALZ | comp=E,2905um,1.0s | AML | | | |
| PALZ | comp=N,1665um,0.9s | AML | | | |
| BOVS | Bovan | 2.65 41 | ePn | 20 34 56.3 | +1.5 |
| BOVS | San Giovanni R | 2.68 273 | Pn | 20 35 29.1 | +2.2 |
| SGRT | San Giovanni R | 2.68 273 | Pn | 20 34 55.7 | +0.4 |
| SGRT | comp=E,5505um,1.3s | AML | | | |
| SGRT | comp=N,5625um,0.8s | AML | | | |
| ACER | Acerenza | 2.69 252 | P | 20 34 55.9 | +0.5 |
| ACER | comp=N,8865um,0.8s | AML | | | |
| ACER | comp=N,9075um,0.8s | AML | | | |
| ACER | comp=E,12600um,0.9s | AML | | | |
| ACER | comp=E,13000um,0.9s | AML | | | |
| TRUS | Trudelj | 2.69 17 | ePn | 20 34 57.3 | +1.9 |
| KNT | Kendrikon | 2.74 99 | P | 20 34 57.9 | +1.9 |
| KNT | S. Chirico Rap | 2.85 241 | P | 20 34 58.4 | +2.4 |
| SCHR | S. Chirico Rap | 2.85 241 | P | 20 34 58.5 | +0.8 |
| SCHR | comp=N,3380um,1.1s | AML | | | |
| SCHR | comp=E,4430um,0.8s | AML | | | |
| LIT | Litokhoron | 2.86 122 | P | 20 34 59.2 | +1.5 |
| LIT | Litokhoron | 2.86 122 | P | 20 34 59.2 | +1.5 |
| LIT | Litokhoron | 2.86 122 | P | 20 34 59.0 | +1.3 |
| SALB | San Lorenzo Be | 2.87 233 | P | 20 34 58.0 | +0.1 |
| SALB | comp=N,2625um,0.9s | AML | | | |
| SALB | comp=E,4740um,0.9s | AML | | | |
| SALB | comp=N,2810um,0.8s | AML | | | |
| SALB | comp=E,4690um,0.9s | AML | | | |
| VULT | Monte Vulture | 2.87 257 | P | 20 34 59.0 | +1.1 |
| VULT | comp=N,9685um,1.5s | AML | | | |
| VULT | comp=N,9690um,1.5s | AML | | | |
| VULT | comp=E,8760um,1.3s | AML | | | |
| VULT | comp=N,8600um,1.3s | AML | | | |
| PIPA | Pietrapaola | 2.88 222 | P | 20 34 58.5 | +0.4 |
| PIPA | comp=E,3890um,0.6s | AML | | | |
| PIPA | comp=N,2420um,1.0s | AML | | | |

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| | | | | | |
|-------|------------------------|----------|-----|----|------------|
| PIPA | comp=N,2515um,1.0s | AML | AML | | |
| PIPA | comp=E,3810um,0.6s | AML | AML | | |
| TEKS | Tekeri | 2.90 3 | ePn | Pn | 20 35 00.0 |
| TEKS | Tekeri | 2.90 3 | Pn | Pn | 20 34 59.4 |
| TEKS | Klokotos Trika | 2.93 135 | eSn | Sn | 20 35 36.5 |
| THL | Klokotos Trika | 2.93 135 | P | Pn | 20 35 00.6 |
| THL | Klokotos Trika | 2.93 135 | P | Pn | 20 35 00.9 |
| THL | comp=N,338um,0.6s | AML | AML | | |
| THL | comp=E,377um,0.8s | AML | AML | | |
| THE | Zessaloniki | 2.94 109 | P | Pn | 20 35 00.7 |
| ZAPS | Thessaloi | 2.94 55 | ePn | Pn | 20 35 01.7 |
| ZAPS | Thessaloi | 2.94 55 | eSn | Sn | 20 35 35.7 |
| LADO | San Nicola del | 2.96 218 | P | Pn | 20 34 59.5 |
| SVIS | Svilajnac | 2.96 27 | ePn | Pn | 20 35 01.6 |
| MCEL | Monticello | 2.97 245 | P | Pn | 20 35 00.8 |
| MCEL | comp=E,4205um,0.9s | AML | AML | | |
| MCEL | comp=N,6375um,0.7s | AML | AML | | |
| MCEL | comp=E,4200um,0.9s | AML | AML | | |
| MCEL | comp=N,6435um,0.7s | AML | AML | | |
| TSLK | Tsoukalades, L | 3.00 160 | P | Pn | 20 35 01.0 |
| TDS | Terranova Siba | 3.02 230 | P | Pn | 20 35 01.3 |
| TDS | comp=N,1290um,1.0s | AML | AML | | |
| TDS | comp=E,1272um,1.4s | AML | AML | | |
| SGTA | Sant Agata di | 3.02 261 | P | Pn | 20 35 00.6 |
| SGTA | comp=E,6965um,0.9s | AML | AML | | |
| SGTA | comp=N,5225um,0.7s | AML | AML | | |
| SGTA | comp=E,6820um,0.8s | AML | AML | | |
| SGTA | comp=N,5100um,0.7s | AML | AML | | |
| MRLC | Muro Lucano | 3.02 254 | P | Pn | 20 35 00.8 |
| MRLC | comp=E,5180um,0.9s | AML | AML | | |
| MRLC | comp=N,4395um,1.0s | AML | AML | | |
| MRLC | comp=N,4145um,1.0s | AML | AML | | |
| MRLC | comp=E,5070um,1.0s | AML | AML | | |
| MTSN | Montesano sull | 3.03 244 | P | Pn | 20 35 01.1 |
| MTSN | comp=N,3115um,0.5s | AML | AML | | |
| MTSN | comp=E,3720um,0.8s | AML | AML | | |
| LKQ2 | Lefkada island | 3.04 160 | P | Pn | 20 35 01.5 |
| HORT | Hortiatias | 3.04 109 | P | Pn | 20 35 02.0 |
| HORT | Hortiatias | 3.04 109 | P | Pn | 20 35 02.0 |
| ZAGS | Zajecar | 3.05 44 | ePn | Pn | 20 35 01.7 |
| ZAGS | Zajecar | 3.05 44 | eSn | Sn | 20 35 39.4 |
| SLCN | Sala Consilina | 3.06 247 | P | Pn | 20 35 02.2 |
| SLCN | comp=E,6110um,0.6s | AML | AML | | |
| SLCN | comp=N,5595um,0.8s | AML | AML | | |
| VTS | Vitoshia | 3.07 70 | ePn | Pn | 20 35 02.9 |
| VTS | Vitoshia | 3.07 70 | P | Pn | 20 35 02.9 |
| VTS | Vitoshia | 3.07 70 | P | Pn | 20 35 03.0 |
| VTS | comp=E,1285um,0.7s | AML | AML | | |
| VTS | comp=N,2050um,0.8s | AML | AML | | |
| MMN | Mormanno | 3.08 236 | P | Pn | 20 35 03.0 |
| MMN | comp=E,982um,1.4s | AML | AML | | |
| MMN | comp=N,1470um,1.0s | AML | AML | | |
| CELI | Celico | 3.10 225 | P | Pn | 20 35 01.6 |
| NYDR | Nydra-Lefkada | 3.12 160 | P | Pn | 20 35 02.5 |
| T0702 | Aquafermosa (| 3.12 233 | P | Pn | 20 35 02.7 |
| T0702 | comp=N,2720um,1.6s | AML | AML | | |
| T0702 | comp=E,3645um,1.5s | AML | AML | | |
| CUC | Castrocuoco | 3.13 239 | P | Pn | 20 35 03.4 |
| CUC | comp=E,3115um,0.8s | AML | AML | | |
| CUC | comp=N,2400um,0.9s | AML | AML | | |
| CUC | comp=N,2920um,0.9s | AML | AML | | |
| CUC | comp=E,3825um,0.8s | AML | AML | | |
| CAFE | Carife | 3.13 260 | P | Pn | 20 35 02.8 |
| CAFE | comp=E,4815um,1.0s | AML | AML | | |
| CAFE | comp=N,3305um,0.7s | AML | AML | | |
| CAFE | comp=E,4835um,1.0s | AML | AML | | |
| CAFE | comp=N,3036um,0.6s | AML | AML | | |
| MOCO | Biccarri - m.te | 3.13 266 | P | Pn | 20 35 03.3 |
| MOCO | comp=E,5205um,0.9s | AML | AML | | |
| MOCO | comp=N,4390um,1.6s | AML | AML | | |
| MOCO | comp=E,5295um,0.8s | AML | AML | | |
| MELA | Melanico ??? S | 3.14 272 | P | Pn | 20 35 02.7 |
| MELA | comp=E,11400um,0.7s | AML | AML | | |
| MELA | comp=N,983um,1.1s | AML | AML | | |
| MELA | comp=E,11750um,0.7s | AML | AML | | |
| MELA | comp=N,9970um,1.1s | AML | AML | | |
| TIP | Timpagrande | 3.15 219 | P | Pn | 20 35 02.2 |
| TIP | Timpagrande | 3.15 219 | Pn | Pn | 20 35 01.9 |
| TIP | Timpagrande | 3.15 219 | P | Pn | 20 35 01.7 |
| TIP | comp=E,1435um,0.8s | AML | AML | | |
| TIP | comp=E,1685um,0.7s | AML | AML | | |
| TIP | comp=N,1555um,0.8s | AML | AML | | |

| | | | | | |
|-------|---------------------|----------|-----|-----|-----------------|
| RNI2 | comp=E,2775µm,1.0s | AML | AML | | |
| UDBI | Udbina | 3.88 319 | ePn | Pn | 20 35 14.5 +2.8 |
| UDBI | Udbina | | Sn | Sn | 20 35 59.7 +2.5 |
| PLAC | Placanica | 3.89 216 | AML | AML | |
| PLAC | comp=N,1085µm,0.7s | | | | |
| PLAC | comp=E,1520µm,0.6s | | AML | AML | |
| PLAC | comp=E,1100µm,0.6s | | AML | AML | |
| PLAC | comp=N,1550µm,0.6s | | AML | AML | |
| PIGN | Pignataro Magg | 3.89 265 | ↓P | Pn | 20 35 13.3 +1.5 |
| PIGN | comp=E,1610µm,0.9s | | AML | AML | |
| PIGN | comp=N,1855µm,0.8s | | AML | AML | |
| PIGN | comp=N,1895µm,1.6s | | AML | AML | |
| PIGN | comp=E,1550µm,1.0s | | AML | AML | |
| RMGR | Halanga-Turnu | 3.89 38 | ↓P | Pn | 20 35 14.8 +2.9 |
| TRIZ | Trizonia | 3.90 146 | P | Pn | 20 35 14.4 +2.4 |
| VLMS | Volimes, Zakyn | 3.91 164 | P | Pn | 20 35 12.5 +0.4 |
| DUGI | Dugi Otok | 3.91 308 | ePn | Sn | 20 35 13.7 +1.6 |
| DUGI | | | Sn | Sn | 20 35 59.6 +1.7 |
| KALE | Kalitheia | 3.91 145 | P | Pn | 20 35 14.3 +2.1 |
| HERR | Herculiane | 3.94 34 | ↓P | Pn | 20 35 14.3 +1.9 |
| BANR | Banloc | 3.95 19 | ↓P | Pn | 20 35 14.4 +1.6 |
| KAVA | Kavata | 3.97 98 | P | Pn | 20 35 15.2 +2.3 |
| CERA | Filignano | 3.97 271 | ↓P | Pn | 20 35 15.1 +2.1 |
| CERA | comp=E,4555µm,0.8s | | AML | AML | |
| CERA | comp=N,5655µm,0.9s | | AML | AML | |
| CERA | comp=E,4620µm,0.8s | | AML | AML | |
| CERA | comp=N,5780µm,0.9s | | AML | AML | |
| JOPP | Joppolo | 4.02 222 | AML | AML | |
| JOPP | comp=E,846µm,0.8s | | AML | AML | |
| JOPP | comp=N,891µm,1.0s | | AML | AML | |
| RDO | Plodivd | 4.05 82 | eP | Pn | 20 35 17.3 +3.3 |
| INTR | Introdacqua | 4.06 277 | Pn | Pn | 20 35 15.4 +1.1 |
| INTR | Introdacqua | 4.06 277 | ↓P | Pn | 20 35 15.7 +1.4 |
| INTR | comp=E,3990µm,0.6s | | AML | AML | |
| INTR | comp=N,4835µm,0.7s | | AML | AML | |
| DSF | Desfina | 4.07 142 | P | Pn | 20 35 15.7 +1.4 |
| ATAL | Atalanis | 4.10 135 | P | Pn | 20 35 16.3 +1.6 |
| LKR | Lokris | 4.12 136 | P | Pn | 20 35 16.9 +1.9 |
| MODR | Montdragone | 4.12 265 | P | Pn | 20 35 15.0 -0.1 |
| MODR | comp=E,1775µm,1.0s | | AML | AML | |
| MODR | comp=N,2105µm,1.1s | | AML | AML | |
| DRO | Drossia | 4.13 153 | P | Pn | 20 35 16.8 +1.6 |
| SRE | Strehaia | 4.14 42 | ↓P | Pn | 20 35 17.9 +2.6 |
| T0110 | Collepietro | 4.17 280 | Pn | Pn | 20 35 17.5 +1.7 |
| T0110 | comp=E,4665µm,0.7s | | AML | AML | |
| T0110 | comp=N,3785µm,0.7s | | AML | AML | |
| POFI | Posta Fibreno | 4.20 273 | ↓P | Pn | 20 35 18.4 +2.2 |
| POFI | comp=N,1670µm,0.8s | | AML | AML | |
| POFI | comp=N,1675µm,0.8s | | AML | AML | |
| POFI | comp=E,2605µm,0.7s | | AML | AML | |
| POFI | comp=N,2610µm,0.8s | | AML | AML | |
| KLV | Kalavryta, Ach | 4.21 148 | P | Pn | 20 35 18.2 +1.9 |
| KLV | Kalavryta, Ach | 4.21 148 | ↓P | Pn | 20 35 18.8 +2.4 |
| THAS | Thassos Island | 4.21 103 | P | Pn | 20 35 17.1 +1.6 |
| GUMA | Gualdo di Iace | 4.23 291 | ↓P | Pn | 20 35 23.9 -2.7 |
| GUMA | comp=E,4295µm,0.5s | | AML | AML | |
| GUMA | comp=N,3460µm,0.6s | | AML | AML | |
| GUMA | comp=N,3865µm,0.6s | | AML | AML | |
| GUMA | comp=E,4555µm,0.5s | | AML | AML | |
| VVLD | Villa Valleleon | 4.26 275 | ↓P | Pn | 20 35 18.5 +1.4 |
| VVLD | comp=E,1098µm,0.7s | | AML | AML | |
| VVLD | comp=N,873µm,0.7s | | AML | AML | |
| BZS | Buzias | 4.30 22 | ePn | Pn | 20 35 18.6 +1.1 |
| BZS | Buzias | | eSn | Sn | 20 36 08.1 +0.6 |
| BZS | Buzias | 4.30 22 | ↓P | Pn | 20 35 18.7 +1.1 |
| BZS | Buzias | 4.30 22 | eP | Pn | 20 35 18.6 +1.1 |
| TIM | Timisoara | 4.31 18 | ↓P | Pn | 20 35 19.2 +1.6 |
| FAGN | Fagnano | 4.32 280 | ↓P | Pn | 20 35 19.3 +1.5 |
| FAGN | comp=N,4080µm,0.5s | | AML | AML | |
| FAGN | comp=E,5005µm,0.4s | | AML | AML | |
| TERO | Teramo | 4.36 285 | ↓P | Pn | 20 35 19.8 +1.5 |
| TERO | comp=E,1830µm,0.9s | | AML | AML | |
| TERO | comp=N,2775µm,0.6s | | AML | AML | |
| TERO | comp=E,747µm,0.9s | | AML | AML | |
| TERO | comp=N,1119µm,0.6s | | AML | AML | |
| MSCL | Scilla | 4.36 220 | AML | AML | |
| MSCL | comp=N,2080µm,0.7s | | AML | AML | |
| MSCL | comp=N,2375µm,1.4s | | AML | AML | |
| NVLJ | Novajia | 4.37 313 | ePn | Pn | 20 35 19.7 +1.4 |
| NVLJ | Novajia | | Sn | Sn | 20 36 11.2 +2.2 |
| SOI | Samo | 4.37 216 | AML | AML | |
| SOI | comp=E,806µm,0.7s | | AML | AML | |
| OFFI | Offida | 4.37 289 | ↓P | Pn | 20 35 20.7 +2.3 |
| OFFI | comp=N,17150µm,0.7s | | AML | AML | |
| OFFI | comp=E,5475µm,0.8s | | AML | AML | |
| GUR | Goura | 4.38 147 | P | Pn | 20 35 19.8 +1.1 |
| GUR | comp=N,4025µm,0.3s | | AML | AML | |
| GMB | Gambarie | 4.39 219 | AML | AML | |
| GMB | comp=N,4350µm,0.5s | | AML | AML | |
| VLAD | Vladia | 4.42 56 | ↓P | Pn | 20 35 21.8 +2.7 |
| THAL | Thalero | 4.43 143 | P | Pn | 20 35 20.9 +1.6 |
| PTQR | Pietraquaria | 4.43 277 | ↓P | Pn | 20 35 21.1 +1.7 |
| PTQR | comp=N,1220µm,0.6s | | AML | AML | |
| PTQR | comp=N,1076µm,0.5s | | AML | AML | |
| AQU | L'Aquila | 4.46 281 | P | Pn | 20 35 21.3 +1.5 |
| AQU | L'Aquila | 4.46 281 | ePn | Sn | 20 35 20.1 +0.3 |
| AQU | L'Aquila | | eSn | Sn | 20 36 11.7 +0.1 |
| AQU | L'Aquila | 4.46 281 | Pn | Pn | 20 35 21.3 +1.5 |
| AQU | L'Aquila | 4.46 281 | ↓P | Pn | 20 35 21.6 +1.8 |
| AQU | comp=E,2345µm,1.1s | | AML | AML | |
| AQU | comp=N,2085µm,0.6s | | AML | AML | |
| AQU | comp=E,2245µm,1.2s | | AML | AML | |
| AQU | comp=N,2125µm,0.6s | | AML | AML | |
| CAMP | Campotosto | 4.48 283 | ↓P | Pn | 20 35 21.6 +1.5 |
| CAMP | comp=N,1325µm,0.8s | | AML | AML | |
| CAMP | comp=N,1530µm,0.8s | | AML | AML | |
| MPAZ | Palizzi | 4.49 216 | ↓P | Pn | 20 35 19.8 -0.3 |
| MPAZ | comp=N,1795µm,1.1s | | AML | AML | |
| MPAZ | comp=E,1355µm,1.4s | | AML | AML | |
| GUAR | Guarcino | 4.50 274 | ↓P | Pn | 20 35 21.9 +1.7 |
| GUAR | comp=N,1780µm,0.6s | | AML | AML | |

| | | | | | |
|------|--------------------|----------|-----|-----|-----------------|
| GUAR | comp=N,1150µm,0.8s | | AML | AML | |
| GZR | Gura Zlata | 4.51 33 | ↑P | Pn | 20 35 21.9 +1.5 |
| AMT | Artemida-Makis | 4.51 155 | P | Pn | 20 35 22.3 +1.9 |
| GIUL | Giuliano Di Ro | 4.55 271 | ↓P | Pn | 20 35 22.0 +1.1 |
| GIUL | comp=N,1370µm,0.8s | | AML | AML | |
| GIUL | comp=N,1125µm,0.7s | | AML | AML | |
| PP3 | Marolino | 4.56 294 | ↓P | Pn | 20 35 23.2 +2.2 |
| PP3 | comp=E,5265µm,1.5s | | AML | AML | |
| PP3 | comp=E,2835µm,0.8s | | AML | AML | |
| PP3 | comp=N,2620µm,1.2s | | AML | AML | |
| PP3 | comp=N,5070µm,1.1s | | AML | AML | |
| KDZ | Kurdzhali | 4.57 88 | eP | Pn | 20 35 23.1 +1.9 |
| ATN | Antennamare | 4.58 222 | AML | AML | |
| ATN | comp=N,364µm,1.0s | | AML | AML | |
| ATN | comp=E,575µm,1.0s | | AML | AML | |
| MTTG | Motta San Gio | 4.59 219 | AML | AML | |
| MTTG | comp=E,1265µm,1.3s | | AML | AML | |
| MTTG | comp=N,1490µm,1.1s | | AML | AML | |
| RM33 | Pellicciotta | 4.62 283 | P | Pn | 20 35 23.8 +1.8 |
| RM33 | comp=N,2455µm,1.0s | | AML | AML | |
| MPNC | comp=N,1920µm,0.5s | | AML | AML | |
| MPNC | Port Mandanici | 4.64 222 | AML | AML | |
| MPNC | comp=N,2540µm,0.8s | | AML | AML | |
| VILL | Villia | 4.64 137 | P | Pn | 20 35 23.5 +1.2 |
| FIAM | Fiagnano | 4.66 280 | AML | AML | |
| FIAM | comp=E,2780µm,0.9s | | AML | AML | |
| RDO | Rodhopi | 4.71 94 | eP | Pn | 20 35 25.3 +2.2 |
| RDO | Rodhopi | 4.71 94 | P | Pn | 20 35 25.3 +2.2 |
| RDO | Rodhopi | 4.71 94 | ↑P | Pn | 20 35 25.4 +2.4 |
| RDO | comp=N,264µm,1.1s | | AML | AML | |
| RDO | comp=N,180µm,1.0s | | AML | AML | |
| CERT | Cerreto | 4.75 276 | ↑P | Pn | 20 35 25.6 +1.9 |
| CERT | comp=N,1155µm,0.8s | | AML | AML | |
| CERT | comp=N,1555µm,0.6s | | AML | AML | |
| CSP1 | Cessapalombo | 4.75 290 | ↓P | Pn | 20 35 24.9 +1.1 |
| NRCA | Norcia | 4.75 286 | P | Pn | 20 35 25.1 +1.3 |
| NRCA | Norcia | 4.75 286 | AML | AML | |
| NRCA | comp=E,2895µm,0.5s | | AML | AML | |
| NRCA | comp=N,2180µm,1.1s | | AML | AML | |
| MCSR | Castroreale | 4.76 222 | AML | AML | |
| MCSR | comp=N,2125µm,0.3s | | AML | AML | |
| LNSS | Leonessa | 4.76 284 | ↓P | Pn | 20 35 25.9 +2.0 |
| LNSS | comp=N,2100µm,0.5s | | AML | AML | |
| LNSS | comp=N,2405µm,1.0s | | AML | AML | |
| LATB | Latina | 4.77 270 | ↑P | Pn | 20 35 25.0 +1.1 |
| EREA | Eretria | 4.79 131 | P | Pn | 20 35 26.2 +1.9 |
| ZAG | Zagreb | 4.82 331 | Pn | Pn | 20 35 26.4 +1.8 |
| ZAG | Zagreb | 4.82 331 | ePn | Pn | 20 35 26.1 +1.5 |
| ZAG | Zagreb | | eSn | Sn | 20 36 20.9 +0.6 |
| CING | Cingoli | 4.84 293 | ↓P | Pn | 20 35 26.1 +1.1 |
| OZLI | Ozaj | 4.85 326 | Pn | Sn | 20 36 22.1 +1.2 |
| OZLI | Ozaj | | Sn | Sn | 20 36 22.1 +1.2 |
| BOJS | Bojanci | 4.85 324 | Pn | Pn | 20 35 26.6 +1.5 |
| BOJS | Bojanci | | eSn | Sn | 20 36 22.6 +1.5 |
| BOJS | Bojanci | | eP | Pn | 20 36 42.5 |
| BOJS | Bojanci | 4.85 324 | ↓P | Pn | 20 35 23.4 -1.6 |
| BOJS | Vlachokerasia | 4.89 150 | P | Pn | 20 35 28.3 +2.6 |
| ZIMR | Zimra | 4.89 64 | ↓P | Pn | 20 35 28.3 +2.7 |
| EL6 | Elcito | 4.89 292 | ↓P | Pn | 20 35 26.7 +1.0 |
| PTJ | Puntjarka | 4.90 331 | Pn | Pn | 20 35 26.9 +1.1 |
| ITM | Ithomi | 4.90 155 | Pn | Pn | 20 35 27.0 +1.2 |
| ITM | Ithomi | 4.90 155 | ↑P | Pn | 20 35 27.0 +1.2 |
| ITM | Ithomi | 4.90 155 | ↑P | Pn | 20 35 27.4 +1.6 |
| SIRR | Siria | 4.92 19 | ↑P | Pn | 20 35 27.2 +1.2 |
| SENI | Senigallia | 4.93 297 | ↑P | Pn | 20 35 28.0 +1.9 |
| SENI | comp=N,1840µm,0.8s | | AML | AML | |
| SENI | comp=N,2015µm,1.4s | | AML | AML | |
| KALN | Kalnik | 4.93 336 | Pn | Pn | 20 35 27.4 +1.2 |
| CESI | CESI - Serrava | 4.94 288 | ↓P | Pn | 20 35 28.1 +1.7 |
| CESI | comp=N,1054µm,1.0s | | AML | AML | |
| CESI | comp=N,1195µm,0.9s | | AML | AML | |
| DEV | Devana | 4.96 30 | ↓P | Pn | 20 35 28.6 +2.0 |
| SNTG | Esanatoglia | 4.98 291 | AML | AML | |
| SNTG | comp=N,888µm,0.9s | | AML | AML | |
| LOT | Lotru | 4.99 39 | eP | Pn | 20 35 29.4 +2.3 |
| LOT | Lotru | 4.99 39 | eP | Pn | 20 35 28.9 +1.9 |
| COPA | Copaceanva | 5.00 58 | ↓P | Pn | 20 35 29.6 +2.6 |
| CRES | Cresnevic | 5.02 327 | ePn | Pn | 20 35 28.4 +1.0 |
| CRES | Dionisos Attik</ | | | | |

29d 20h

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

TIR 29:20:36;23.4, 41.71N; 19.39E, h9km, 1km, MD3.0
PDG 29:20:36;24.6, 0.2, 41.68N; 19.36E, h10km, MD3.3/7,
ML3.4/14, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

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

MOS 29:20:45;13.7, 1.3, 44.27N; 148.54E, h54km, mb4.0/1, Error
ellipse: s-maj=13.3km s-min=9.5km az=52.0

SKHL 29:20:45;13.6, 0.5, 44.18N; 148.77E, h48km, mb4.6/6
JMA 29:20:45;14.0, 4.4, 43.94N; 148.24E, h0km, M3.9
NIED 29:20:45;14.4, 4.3, 94N; 148.24E, h0km, MW3.7, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;
Mn:1.10, Mo:0.62, Ms:0.26, M3:98, M4:1.97, Mo:0.24;

Fault plane solution: Mo:4.55000x10^14 NP1:phi:84.00000°,
delta:0.00000°, lambda:114.00000°. NP2:phi:191.00000°,
delta:26.00000°, lambda:19.00000°.

ICD 29:20:45;15.6, 2.6, 44.34N; 148.39E, h46km, 24km, mb3.5/10,
mb1.3/7.1, ms1mx3.5/41, mbtmp3.7/14, ML3.0/4, MS3.7/1,
Ms1.3/7.1, ms1mx2.6/32 Error ellipse: s-maj=39.5km
s-min=19.0km az=158.0

ISC 29:20:45;13.0, 0.8, 44.04N; 08.148E; 77.0, h35km, 5km,
n47, c197/53, mb3.7/10, 1C-1D, Kuril Islands

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

2014 DEC

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

SKHL 29:20:49;12.7, 0.8, 44.16N; 148.76E, h60km, 9km, mb4.6/11
MOS 29:20:49;13.0, 1.0, 44.20N; 148.53E, h52km, mb4.3/9, Error
ellipse: s-maj=13.3km s-min=9.5km az=52.0

JMA 29:20:49;14.0, 4.4, 43.86N; 148.21E, h0km, M4.3
NIED 29:20:49;14.4, 4.3, 94N; 148.24E, h0km, MW3.8, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm;
Mn:1.21, Mo:0.37, Ms:0.84, M3:380, M4:3.85, Mo:0.35;

Fault plane solution: Mo:5.63000x10^14 NP1:phi:84.00000°,
delta:0.00000°, lambda:135.00000°. NP2:phi:183.00000°,
delta:45.00000°, lambda:13.00000°.

ICD 29:20:49;15.2, 2.7, 44.26N; 148.26E, h54km, 24km, mb3.5/15,
mb1.3/7.1, ms1mx3.6/35, mbtmp3.8/19, ML3.1/4, MS3.2/4,
Ms1.3/2.4, ms1mx2.7/43 Error ellipse: s-maj=21.6km
s-min=15.8km az=130.0

NEIC 29:20:49;17.3, 1.9, 44.39N; 148.01E, h47km, 4km,
mb4.2/10, Error ellipse: s-maj=17.0km s-min=14.2km
az=192.0

ISC 29:20:49;13.8, 1.3, 44.14N; 006.148E; 58E; 0.07, h44km, 12km,
n89, c1948/93, mb3.8/22, 3C-2D, Kuril Islands

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

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

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

IDC 29 21:03:44.4:1.6,6.66S,129.28E,h0km,mb3.9/3, mb1 4.0/5,mb1mx3.7/23,mbtp3.8/5,ML3.8/2,Error ellipse: s-maj=84.6km s-min=27.8km az=65.0, Banda Sea

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

IPEC 29 21:04:44.6:0.4,51.49N,16.28E,h1km,2km,ML2.7/3, Error ellipse: s-maj=3.9km s-min=1.8km az=58.0 IDC 29 21:04:45.9:0.5,51.43N,16.14E,h0km,mb1 3.5/5, mb1mx3.3/32,mbtp3.3/5,ML2.6/5,Error ellipse: s-maj=16.9km s-min=8.3km az=119.0

DNK 29 21:04:45.0:0.5,51.51N,16.18E,h13km,40km,ML2.2 PRU 29 21:04:45.9:0.0,51.45N,16.19E,h0km,ms3.4/1, Error ellipse: s-maj=3.5km s-min=2.2km az=167.0 74 km NE of Liberec Suspected Mining induced

ISC 29 21:04:43.6:0.8,51.48N,0.03,16.16E,0.02,h0km,n49, r132/96, Poland

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSC Ksiadz, CHVC Chivalec, OSTC Ostas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOA Mollin, ARSA Arzberg, KOLS Kolonick sedl, etc.

IDC 29 21:21:39.7:1.8,50.26N,96.92E,h0km,mb1 3.3/4, mb1mx3.0/55,mbtp3.3/4,ML2.8/4, Error ellipse: s-maj=51.6km s-min=15.1km az=12.0

ASRS 29 21:21:41.3:0.2,50.26N,96.7E,0.8,h10km,MLh4.5/18, smi.org.gfz-potsdam.de/geofon/LCOSAT earthModelID smi.org.gfz-potsdam.de/geofon/lab confirmed

ISC 29 21:21:41.5:0.7,50.18N,0.04,96.68E,0.02,h10km,n33, r275/73, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNGR Kungurtug, ERNS Erzincan, KZYL Kyzyl, etc.

IDC 29 21:23:34.9:48.0,16.04S,177.29W,h0km,mb3.8/3, mb1 3.9/3,mb1mx3.5/34,mbtp3.8/3, Error ellipse: s-maj=896.0km s-min=175.4km az=77.0, Fiji Islands region

MDD 29 21:33:01.9:3.0,36.34N,4.01E,h0km,mb4.0/4, Error ellipse: s-maj=30.4km s-min=22.3km az=140.0, PRXIMO, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFON Font Roja, EMUR La Murta, ETOB Tobarra, etc.

TIR 29 21:34:41.9:41.68N,19.28E,h13km,1km,MD2.8 BEO 29 21:34:44.2:0.5,41.61N,19.28E,h12km,2km,ML2.4/9 SKO 29 21:34:44.7:41.72N,19.26E,h11km PDG 29 21:34:44.1:0.3,41.70N,19.25E,h8km,MD2.5/1, ML2.5/10, Error ellipse: s-maj=0.6km s-min=0.8km az=2.0 RHSSO 29 21:34:45.2:0.9,41.78N,19.42E,h14km,2km,ML2.2/7

ISC 29 21:34:44.1:1.4,41.71N,0.03,19.33E,0.02,h5km,9gkm, n53,r112/95,8C-100, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULC Ucinji, DRME Dracevica, PUK Puka, etc.

29d 22h

Table with columns: BOSS, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Bosilegrad, Hvar, Trudelj, Zavoje, etc.

IDC 29 21:40:56.9, 1.3, 72.51N, 3.35E, h0km, mb3.3/4, mb1 3.5/9, mb1 mx3.3/47, mbtmp3.4/9, ML2 8/5, MS2.8/6, Ms1 2.8/6, ms1mx2.6/26, Error ellipse: s-maj=27.4km s-min=19.0km az=67.0

BER 29 21:41:05.0, 1.1, 37.268N, 4.92E, h10km, ML2.2, Confirmed Earthquake

ISC 29 21:40:56.5, 0.8, 72.66N, 0.07, 3.53E, 0.07, h10km, m23, c=629, 25, mb3.24, Norway Sea

Main table for 29d 22h section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LOF, N2VA, STEI, etc.

IDC 29 22:00:03.1, 3.0, 31.30N, 140.11E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.4/32, mbtmp3.4/4, ML2.3/1, MS2.7/3, Ms1 2.7/3, ms1mx2.4/23, Error ellipse: s-maj=75.7km s-min=32.1km az=78.0, Southeast of Honshu

Table for 29d 22h section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MJAR, KSRs, KLR, etc.

IDC 29 22:05:38.7, 1.4, 0.95N, 121.42E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.6/36, mbtmp3.9/4, MS2.9/1, Ms1 2.9/1, ms1mx2.4/37, Error ellipse: s-maj=214.6km s-min=23.4km az=60.0

DJA 29 22:05:43.5, 0.7, 1N, 4.12E, h16km, 6km, M4.2/12, mB5.0/1, mb4.1/3, MLV4.3/12, Mw(mB)4.4/1

ISC 29 22:05:45.3, 1.2, 1N, 0.1, 121.41E, 0.07, h49km, n14, c=1940/14, mb3.9/4, Minahassa Peninsula, Sulawesi

Table for 29d 22h section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MRSI, MPST, APSI, etc.

ISK 29 22:12:29.9, 37.27N, 42.53E, h2km, ML3.3/22 DDA 29 22:12:31.0, 37.31N, 42.56E, h3km, 1km, ML3.0

ISC 29 22:12:31.0, 1.1, 37.279N, 0.04, 42.54E, 0.02, h10km, 8km, n50, c=1166/69, Turkey

Table for 29d 22h section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like SIRT, SIRT, SIRT.

2014 DEC

Main table for 2014 DEC section with columns: SIRT, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Siirt/Pervari, Siirt_Merkez, etc.

IDC 29 22:25:05.8, 10.0, 22.66S, 179.67W, h75km, 87km, mb3.8/4, mb1 4.1/5, mb1mx3.5/29, mbtmp3.4/25, ML4.4/1, Error ellipse: s-maj=53.6km s-min=42.7km az=21.0

NEIC 29 22:25:52.5, 0.1, 24.36S, 0.08, 179.9E, 0.2, h541km, 11km, mb4.6/12, Error ellipse: s-maj=27.6km s-min=8.4km az=107.0

ISC 29 22:25:52.2, 1.0, 24.39S, 0.1, 179.9E, 0.2, h550km, n37, c=0933/36, mb4.2/8, South of Fiji Islands

Table for 2014 DEC section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MSVF, OUMZ, etc.

1414

Table for 1414 section with columns: CTAO, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Charters Tower, STKA, etc.

IDC 29 22:35:06.0, 2.1, 2.00N, 126.69E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/47, mbtmp3.4/4, MS2.8/1, Ms1 2.8/1, ms1mx2.1/25, Error ellipse: s-maj=216.7km s-min=22.4km az=66.0

DJA 29 22:35:10.2, 1.7, 2N, 6.12E, h15km, 17km, M3.5/6, MLV3.5/6

ISC 29 22:35:12.6, 1.3, 1.9N, 0.1, 126.45E, 0.10, h47km, n9, c=1924/9, mb3.4/3, Northern Mouloua Sea

Table for 1414 section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like TNTI, GTOI, etc.

IDC 29 22:43:21.8, 1.0, 27.86N, 66.27E, h0km, mb3.7/18, mb1 3.9/20, mb1mx3.7/44, mbtmp3.7/20, ML3.8/2, MS3.1/6, Ms1 3.2/6, ms1mx2.8/41, Error ellipse: s-maj=20.8km s-min=18.2km az=171.0

OMAN 29 22:44:07.4, 1.1, 0.26, 36N, 63.09E, h20km, mb5.0/8, mb1 3.7/4, Error ellipse: s-maj=370.3km s-min=51.4km az=293.0

ISC 29 22:43:24.6, 0.6, 27.64N, 0.08, 66.46E, 0.06, h35km, n39, c=202/39, mb3.7/18, MS3.0/5, Pakistan

Main table for 1414 section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like THW, WSAR, etc.

IDC 29 22:45:05.8, 1.0, 22.66S, 179.67W, h75km, 87km, mb3.8/4, mb1 4.1/5, mb1mx3.5/29, mbtmp3.4/25, ML4.4/1, Error ellipse: s-maj=53.6km s-min=42.7km az=21.0

NEIC 29 22:25:52.5, 0.1, 24.36S, 0.08, 179.9E, 0.2, h541km, 11km, mb4.6/12, Error ellipse: s-maj=27.6km s-min=8.4km az=107.0

ISC 29 22:25:52.2, 1.0, 24.39S, 0.1, 179.9E, 0.2, h550km, n37, c=0933/36, mb4.2/8, South of Fiji Islands

Table for 1414 section with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like BSHL, AAK, etc.

IDC 29 22:59:10.3,0.9,47.75S:102.97E, h0km, mb4.2/7,
 m1 4.3/8, mb1mx4.1/26, mbtmp4.2/8, ML2.0.1,MS4.1/16,
 m5 1.4/16, ms1mx4.0/24, Error ellipse: s-maj=34.8km
 s-min=17.0km az=111.0
 NEIC 29 22:59:11.9,1.5,47.8S:0.1:102.7E:0.2,h10km,1km,
 mb4.5/10, Error ellipse: s-maj=20.5km s-min=18.5km
 az=217.0
 GCMT 29 22:59:14.9,0.2,47.73S:0.01:102.69E:0.02,h16km,1km,
 MW5.0/94, Moment Tensor Solution, s32,c37; s94,c139;
 Duration: 0 Moment tensor: Scale 10¹⁹Nm; M_r-0.25; 12;
 M_{bb}3.19; 12; M_{ss}-2.95; 12; M_{tt}-0.55; 30; M_{tt}1.33; 10;
 M_{tt}-1.50; 34; Best double couple: M_{cc}3.71300;1016
 NP1=30.200000; s65.000000; λ=6.000000; NP2:
 0.35.000000; s84.000000; λ-155.000000; Principal axes:
 T 3.6610, P1g13.00000, Azm166.00000; N 0.0970,
 P1g64.00000, Azm47.00000; P -3.7640, P1g22.00000.
 Azm261.00000; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function

ISC 29 22:59:12.0,0.8,47.8S:0.1:102.9E:0.2,h10km,n49,
 c0542/29,mb4.3/9,MS4.2/19, Southeast Indian Ridge

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|-----------------|------------|--------|----------|-----------------|-----|
| | | | | | h m s | ISC |
| H01W2 | Cape Leeuwin H | 15.40 | 37 | Op | 23 18 26.2 | |
| H01W1 | Cape Leeuwin H | 15.42 | 37 | T | 23 18 27.0 | |
| H01W3 | Cape Leeuwin H | 15.42 | 37 | T | 23 18 27.2 | |
| NWAO | Narrogin (SRO) | 18.42 | 41 | P | 23 03 27.7 +0.4 | |
| NWAO | Narrogin (SRO) | 18.42 | 41 | P | 23 03 27.9 +0.7 | |
| MORW | Morawa | 21.32 | 33 | P | 23 04 01.1 +2.3 | |
| MAW | Mawson | 28.34 211 | LR | LR | 23 13 23.5 | |
| STKA | Stevens Creek | 33.32 76 | P | P | 23 05 48.9 -1.0 | |
| STKA | Stevens Creek | 33.32 76 | P | P | 23 05 50.9 +1.0 | |
| ASAR | Alice Springs | 34.47 57 | P | P | 23 05 59.2 -0.8 | |
| ASAR | Alice Springs | 34.47 57 | P | P | 23 08 35.5 +0.4 | |
| ASAR | Alice Springs | 34.47 57 | P | P | 23 18 40.8 | |
| FITZ | Fitzroy Crossi | 34.99 40 | LR | LR | 23 19 22.9 | |
| VNDA | Vanda | 37.20 162 | P | P | 23 06 22.6 -0.2 | |
| VNDA | Vanda | 37.20 162 | P | P | 23 20 25.5 | |
| VNDA | Vanda | 37.20 162 | P | P | 23 06 23.3 +0.6 | |
| VNDA | Vanda | 37.20 162 | P | P | 23 06 29.9 | |
| WRA | Warramunga Arr | 37.69 53 | P | P | 23 06 26.4 -1.2 | |
| WRA | Warramunga Arr | 37.69 53 | P | P | 23 08 43.3 -1.4 | |
| WRA | Warramunga Arr | 37.69 53 | P | P | 23 20 17.1 | |
| WRAB | Tennant Creek | 37.71 53 | P | P | 23 06 27.1 -0.5 | |
| WRAB | Tennant Creek | 37.71 53 | P | P | 23 06 38.5 | |
| LEM | Lembang | 41.04 7 | LR | LR | 23 20 23.5 | |
| DBJ1 | Dramaga | 41.24 6 | P | P | 23 07 06.7 +1.0 | |
| EDFI | Ende Flores | 42.07 28 | P | P | 23 07 12.2 +8.1 | |
| MTN | Mount Dam | 42.07 44 | P | P | 23 07 24.7 +0.3 | |
| QSPA | South Pole Qui | 42.33 180 | P | P | 23 07 05.9 +0.2 | |
| QSPA | South Pole Qui | 42.33 180 | P | P | 23 07 06.2 +0.4 | |
| QSPA | South Pole Qui | 42.33 180 | P | P | 23 07 09.5 | |
| CTAO | Charters Tower | 44.55 67 | P | P | 23 07 23.8 -0.3 | |
| CTAO | Charters Tower | 44.55 67 | P | P | 23 07 29.9 | |
| H08S2 | Diego Garcia H | 47.62 317 | T | T | 23 58 38.7 | |
| H08S1 | Diego Garcia H | 47.63 317 | T | T | 23 58 35.5 | |
| H08S3 | Diego Garcia H | 47.64 317 | T | T | 23 58 40.3 | |
| SNAAS | Sanae | 49.98 203 | P | P | 23 08 05.8 0.0 | |
| SNAAS | Sanae | 49.98 203 | P | P | 23 08 06.8 +1.0 | |
| SNAAS | Sanae | 49.98 203 | P | P | 23 08 06.3 +0.5 | |
| SNAAS | Sanae | 49.98 203 | P | P | 23 08 16.7 | |
| VNA2 | Neumayer-Watz | 51.62 203 | P | P | 23 08 18.1 +0.1 | |
| BELA | Belgrano 2 | 51.91 180 | P | P | 23 08 19.6 -0.5 | |
| WNA1 | Neumayer-Stat | 52.02 203 | P | P | 23 08 22.8 +1.3 | |
| VNA3 | Neumayer Olymp | 52.02 203 | P | P | 23 08 21.0 0.0 | |
| DZM | Mont Dzumac | 56.34 86 | eLR | LR | 23 25 03.9 | |
| CMAR | Chiang Mai Arr | 66.06 356 | P | P | 23 09 58.3 -0.6 | |
| CMAR | Chiang Mai Arr | 66.06 356 | P | P | 23 09 57.3 +1.0 | |
| KMBO | Kilima Mbogo | 72.98 288 | LR | LR | 23 38 16.0 | |
| TBI | Tubuai | 84.08 118 | eLR | LR | 23 37 53.5 | |
| JNU | Nakatsue | 84.40 23 | LR | LR | 23 50 11.1 | |
| KSR5 | Korea Arr | 87.79 20 | LR | LR | 23 50 52.8 | |
| PP2T | Papeete2 | 88.40 115 | eLR | LR | 23 39 58.7 | |
| PLCA | Paso Pasa | 91.64 185 | LR | LR | 23 53 32.2 | |
| GEYT | Alibeck | 94.22 326 | LR | LR | 23 48 57.1 | |
| SONM | Songino Array | 95.31 2 | LR | LR | 23 55 43.6 | |
| MKAR | Makanchi Array | 95.92 346 | LR | LR | 23 55 01.8 | |
| RPN | Rapa Nui | 99.99 151 | LR | LR | 23 49 19.0 | |
| CLL | Collm | 125.03 310 | ePKPdf | PKPdf | 23 18 12.0 +0.2 | |
| ILAR | Eielson Array | 140.12 39 | PKPdf | PKPdf | 23 18 40.4 +1.0 | |
| INK | Inuvik | 145.53 33 | PKPdf | PKPdf | 23 18 48.1 -0.8 | |
| INK | Inuvik | 145.53 33 | PKPdf | PKPdf | 23 18 48.9 0.0 | |
| YKA | Yellowknife Arr | 154.50 41 | PKPdf | PKPdf | 23 19 09.9 -1.6 | |

NNC 29 23:07:22.8,1.5,36.58N:70.35E, h138km,29km, mb3.3,
 m4.0, Error ellipse: s-maj=14.0km s-min=10.0km
 az=39.0

ISC 29 23:07:22.8,3.4,36.6N:0.2:70.3E:0.2,h150km,n20,
 c046/20,2C-3D,Hindu Kush region

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|---------------|----------|-----|----------|-----------------|-----|
| | | | | | h m s | ISC |
| IUG | Iuzhny | 5.57 358 | Lg | Lg | 23 09 47.4 | |
| AML | Almayashu | 6.13 24 | P | P | 23 08 51.8 +0.2 | |
| UCH | Uchter | 6.51 29 | P | P | 23 08 56.8 +0.2 | |
| KK31 | Karatay Array | 6.52 1 | JP | JP | 23 08 56.6 +0.2 | |
| MRKS | Mierke | 6.56 19 | Lg | Lg | 23 10 08.4 | |
| EKS2 | Erkin-Say | 6.64 23 | P | P | 23 08 58.3 +0.3 | |
| AAK | Ala-Archa | 6.86 27 | P | P | 23 09 01.3 +0.3 | |
| AAK | Ala-Archa | 6.86 27 | JP | JP | 23 09 01.1 +0.1 | |
| AAK | Ala-Archa | 6.86 27 | JP | JP | 23 10 17.8 -0.1 | |
| CHMS | Chumysh | 7.26 27 | P | P | 23 09 06.3 0.0 | |
| USP | Ospenovka | 7.41 24 | P | P | 23 09 08.1 -0.2 | |
| TKM2 | Tokmak 2 | 7.53 31 | P | P | 23 09 08.8 -0.1 | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|-----------|-----|----------|-----------------|-----|
| | | | | | h m s | ISC |
| TKM2 | Tokmak 2 | 7.53 31 | JP | JP | 23 09 09.2 -0.8 | |
| SGDS | Sogdiny | 7.62 24 | P | P | 23 09 11.6 +0.5 | |
| KST | Kastek | 7.78 32 | P | P | 23 09 12.9 -0.3 | |
| DGS | Degeres | 7.86 30 | P | P | 23 09 13.7 -0.7 | |
| IZV | Izvestkoves | 8.06 35 | P | P | 23 09 16.9 -0.2 | |
| KRBS | Karabastau | 8.21 28 | P | P | 23 09 18.4 -0.5 | |
| KOTS | Kotybulak | 8.45 36 | P | P | 23 09 22.2 -0.1 | |
| MK31 | Makanchi Array | 13.55 37 | P | P | 23 10 30.1 +1.2 | |
| AB31 | Abkulaik array | 14.76 332 | P | P | 23 10 44.0 -0.1 | |

NEIC 29 23:08:51.2,3.8,14.77N:0.04:93.72W:0.08,h55km,18km,
 Error ellipse: s-maj=12.9km s-min=2.7km az=66.0
 MEX 29 23:08:52.3,0.7,14.90N:93.62W,h84km,38km,MD4.3
 ISC 29 23:08:47.1,1.8,14.66N:0.07:93.76W:0.05,h23km,15km,
 n21,c29/27,Near coast of Chiapas

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|------|----------------|-----------|-----|----------|-----------------|-----|
| | | | | | h m s | ISC |
| PCIG | PCIG | 1.16 27 | eP | Pb | 23 09 08.8 +0.3 | |
| PCIG | PCIG | 1.16 27 | eP | Pb | 23 09 22.7 -0.5 | |
| PCIG | PCIG | 1.16 27 | eP | Pb | 23 09 08.8 +0.3 | |
| THIG | THIG | 1.47 80 | iP | Pb | 23 09 13.9 +0.2 | |
| THIG | THIG | 1.47 80 | iP | Pb | 23 09 30.5 0.1 | |
| THIG | THIG | 1.47 80 | iP | Pb | 23 09 14.0 +0.2 | |
| THIG | THIG | 1.47 80 | iP | Pb | 23 09 30.7 -1.2 | |
| RTAL | Retalhuleu | 2.00 94 | P | P | 23 09 22.2 +2.7 | |
| RTAL | Retalhuleu | 2.00 94 | P | P | 23 09 46.8 -0.6 | |
| CCIG | CCIG | 2.25 44 | eS | Pb | 23 09 24.3 +1.3 | |
| CCIG | CCIG | 2.25 44 | eS | Pb | 23 09 27.3 +2.3 | |
| CCIG | CCIG | 2.25 44 | eS | Pb | 23 09 27.0 -0.2 | |
| CCIG | CCIG | 2.25 44 | eS | Pb | 23 09 51.1 -3.4 | |
| HUEH | Huehuetenango | 2.28 73 | Pn | Pb | 23 09 24.0 +0.5 | |
| HUEH | Huehuetenango | 2.28 73 | Pn | Pb | 23 09 27.0 +0.4 | |
| HUEH | Huehuetenango | 2.28 73 | Pn | Pb | 23 09 30.5 0.1 | |
| CMIG | CMIG | 2.52 396 | eP | Pb | 23 09 29.9 +1.5 | |
| CMIG | CMIG | 2.52 396 | eP | Pb | 23 09 58.8 -1.0 | |
| MTOS | Montecristo | 4.27 93 | Pn | Pb | 23 09 50.0 -0.9 | |
| ESQI | Esquipulas | 4.28 91 | Pn | Pb | 23 09 57.0 +6.0 | |
| PETF | Flores | 4.37 59 | Pn | Pb | 23 09 56.3 +4.3 | |
| CRIN | San Cristobal | 6.80 106 | Pn | Pb | 23 10 10.3 +5.4 | |
| TEIG | Tepeich | 7.62 43 | Pn | Pb | 23 10 39.2 +2.5 | |
| TEIG | Tepeich | 7.62 43 | Pn | Pb | 23 10 39.6 +2.9 | |
| MOIG | Morelia | 8.68 306 | Pn | Pb | 23 10 56.0 +4.5 | |
| ETX0 | Prairie Street | 17.18 358 | Pn | Pb | 23 12 44.0 -1.7 | |
| SLBS | Sierra La Lagu | 17.72 303 | P | P | 23 12 54.2 +1.7 | |
| SLBS | Sierra La Lagu | 17.72 303 | P | P | 23 13 07.5 | |
| MXNT | MXNT | 20.02 330 | P | P | 23 13 18.4 0.0 | |
| MXNT | MXNT | 20.02 330 | P | P | 23 13 28.2 | |
| NLU | North Lily Min | 29.87 331 | P | P | 23 14 52.7 -0.5 | |

IDC 29 23:09:16.4,3.0,18.72N:146.86E, h0km, mb3.8/8,
 m1 3.8/8, mb1mx3.5/48, mbtmp3.8/8, Error ellipse:
 s-maj=116.8km s-min=50.0km az=84.0

ISC 29 23:09:21.9,2.9,18.7N:0.2:146.8E:0.8,h35km,n11,
 c0543/8,mb3.98,Mariana Islands

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res |
|-------|-----------------|-----------|-----|----------|-----------------|-----|
| | | | | | h m s | ISC |
| H11S3 | WAKE ISLAND Hy | 18.89 87 | T | T | 23 32 35.2 | |
| H11S1 | WAKE ISLAND Hy | 18.90 87 | T | T | 23 32 29.3 | |
| H11S2 | WAKE ISLAND Hy | 18.90 87 | T | T | 23 32 33.7 | |
| KLR | Kul'dur | 32.78 342 | P | P | 23 15 51.2 -0.5 | |
| WRA | Warramunga Arr | 40.28 198 | P | P | 23 16 55.8 -0.1 | |
| SOMN | Songino Array | 43.78 321 | P | P | 23 17 24.8 +0.4 | |
| ZALV | Zalesov Beam | 58.64 322 | P | P | 23 19 15.4 -0.1 | |
| MKAR | Makanchi Array | 59.20 314 | P | P | 23 19 19.5 -0.1 | |
| KURBS | Kurchatov Array | 62.00 318 | P | P | 23 19 38.4 -0.2 | |
| BVAR | Borovoye Array | 67.12 320 | P | P | 23 20 11.7 -0.4 | |
| FINES | FINES Array B | 87.31 336 | P | P | 23 22 05.5 +0.6 | |

INET 29 23:13:41.4, 12.76N:88.52W, h18km, MW3.4
 UCR 29 23:13:42.3, 1.3, 12.80N:88.56W, h35km, gkm, ML4.4,
 MW4.1, mb4.3(NEIC)

NEIC 29 23:13:42.1, 1.8, 12.76N:0.09:88.51W:0.07,h67km,8km,
 Error ellipse: s-maj=14.0km s-min=7.5km az=211.0
 SNET 29 23:13:42.4,0.8,12.82N:88.56W,h35km,11km,ML4.4
 IDC 29 23:13:43.6,2.0,12.92N:88.31W,h90km,20km,mb3.8/9,
 m1 4.0/12, mb1mx3.7/43, mbtmp4.1/102,MS2.3,
 M1 3.2/3,ms1mx2.7/36, Error ellipse: s-maj=35.8km
 s-min=12.6km az=48.0

GCG 29 23:14:08.5,0.6,14.88N:90.12W,h84km,13km,MD4.1
 ISC 29 23:14:01.9,0.2,12.81N:0.06:8

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like NBEZ, WPHZ, NMEZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FITZ, BNDI, SIJI, SWI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like YULB, JKA, ASAJ, etc.

29d 23h

Table with columns: ID, Name, Comp, Z, SNR, P, I, A, M, B, S, and values. Includes entries like GMRC Granite Mounta, IRM Iron Mountain, LHV Little Huntton, etc.

2014 DEC

Table with columns: ID, Name, Comp, Z, SNR, P, I, A, M, B, S, and values. Includes entries like 121A, E08A Dider Farm, BMO Blue Mountains, etc.

1418

Table with columns: ID, Name, Comp, Z, SNR, P, I, A, M, B, S, and values. Includes entries like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ECSD, LPAZ, LZN, SPZA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like FINES, LSZ, OBN, TSM, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KRLC, Kraliky, MORC, etc.

30d Oh

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BHOU Gesves, BMRD Maredous, WET Wetzell, etc.

2014 DEC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DBIC Dimbokro, DBIC Kowa, KOWA Torodi, etc.

1420

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDYN Dyinghuals, IHAM Hamarinn, IURH Urdalsheia, etc.

| | | | | |
|-------|--------------------------------------------|-----------|---------|-------------------|
| CWF | comp=Z,3um,11.7s | IAMS_20 | IAMS_20 | 00 21 14.5 |
| NUUG | Nuugaatsiaq | 14.73 313 | i P | P 00 14 48.6 +0.7 |
| NUUG | comp=Z,65nm,1.1s | | IAMB | 00 14 50.8 |
| HFS | Hagfors | 15.10 93 | Pn Pn | 00 14 44.2 -4.2 |
| HFS | comp=Z,0.1nm,0.3s,baz=305,slow=5.1,SNR=1.3 | | LR LR | 00 20 35.6 |
| MUD | Monsted Ugrnd | 15.41 110 | i P | P 00 14 56.0 +0.5 |
| MUD | comp=Z,100nm,1.3s | | | |
| MUD | Monsted Ugrnd | 15.41 110 | i P | P 00 14 56.0 +0.5 |
| MUD | comp=Z,103nm,1.3s | | IAMB | 00 14 58.3 |
| DYA | Yadsworth | 15.98 147 | eP Pn | 00 14 56.5 -1.8 |
| SPITS | Spitsbergen Ar | 16.89 23 | LR LR | 00 19 43.3 |
| BGES | comp=Z,392nm,20.5s,baz=295,slow=30 | | | |
| ARCES | ARCESS Array B | 17.16 55 | P P | 00 15 14.6 +1.4 |
| ARCES | comp=Z,24,slow=9.9,SNR=4.1 | | LR LR | 00 20 22.2 |
| KEV | Kevo | 17.67 54 | P P | 00 15 21.8 +1.3 |
| KEV | comp=Z,75nm,1.5s | | Pmax | |
| KNF | Kevo | 17.67 54 | P P | 00 15 21.8 +1.3 |
| SENEF | Senefte | 18.26 131 | Pn Pn | 00 15 25.8 +1.0 |
| BEBN | Eben Emael | 18.48 128 | Pn Pn | 00 15 29.2 -0.3 |
| BEBN | | | pPn | 00 15 32.4 +1.5 |
| BMRD | Mareduoss | 18.59 130 | Pn Pn | 00 15 30.4 -0.4 |
| BSTI | Sart Tilman | 18.62 128 | Pn Pn | 00 15 30.7 -0.4 |
| BGES | Gesves | 18.63 129 | Pn Pn | 00 15 30.3 -0.9 |
| BGES | | | pPn | 00 15 33.8 +1.2 |
| BCLA | Clavier | 18.67 129 | Pn Pn | 00 15 31.1 -0.5 |
| BCLA | | | pPn | 00 15 34.2 +1.3 |
| DOU | Dourbes | 18.71 131 | Pn Pn | 00 15 31.7 -0.4 |
| DOU | | | pPn | 00 15 34.8 +1.4 |
| MEM | Membach | 18.75 127 | Pn Pn | 00 15 32.2 +0.3 |
| MEM | | | pPn | 00 15 35.5 +1.7 |
| BTNL | Ternell | 18.81 127 | Pn Pn | 00 15 35.0 +1.4 |
| BHOU | Houvegnez | 18.96 128 | Pn Pn | 00 15 33.3 -1.6 |
| BHOU | | | pPn | 00 15 38.0 +1.8 |
| WLF | Waiferdange | 19.60 129 | Pn Pn | 00 15 45.9 +2.2 |
| FINES | FINESS Array B | 19.75 79 | P P | 00 15 44.1 +0.7 |
| FIA1 | FINESS Array S | 19.76 79 | P P | 00 15 44.0 +0.6 |
| CLF | Chambon-Forêt | 19.82 37 | P P | 00 15 44.1 -0.1 |
| TULEG | Thule | 19.83 327 | i P | P 00 15 45.8 +0.1 |
| TULEG | comp=Z,95nm,1.4s | | IAMB | 00 15 49.3 |
| RUE | Ruedersdorf | 20.15 112 | eP Pn | 00 15 48.5 +0.8 |
| APA | Apafity | 20.38 59 | i P | P 00 15 53.0 +0.9 |
| APA | comp=Z,3.0nm,1.0s | | Pmax | |
| CLL | Collm | 20.75 116 | i P | P 00 15 54.1 -0.2 |
| CLL | comp=Z,96nm,1.4s | | | |
| CLL | Collm | 20.75 116 | i P | P 00 15 54.1 -0.2 |
| CLL | comp=Z,96nm,1.4s | | Pmax | |
| CLL | Collm | 20.75 116 | i P | P 00 15 54.3 0.0 |
| CLL | comp=Z,82nm,1.3s | | IAMB | 00 15 57.4 |
| GKP | Gorka Kiasztor | 20.96 106 | eP Pn | 00 15 59.9 +0.8 |
| GKP | Gorka Kiasztor | 20.96 106 | eP Pn | 00 15 59.9 +0.8 |
| PBUR | Paburge | 21.39 118 | eP P | 00 16 07.0 +0.1 |
| GRA1 | Grafenberg Arr | 21.37 121 | P P | 00 16 00.7 -0.4 |
| GRA1 | comp=Z,116nm,1.3s | | IAMB | 00 16 15.7 |
| GRF | Grafenberg Arr | 21.37 121 | P P | 00 16 00.7 -0.4 |
| GRF | comp=Z,116nm,1.3s | | Pmax | |
| GRF | Grafenberg Arr | 21.37 121 | eP P | 00 16 01.5 +0.4 |
| NKC | Novy Kostel | 21.39 118 | eP P | 00 16 01.4 +0.1 |
| NKC | Novy Kostel | 21.39 118 | eP P | 00 16 01.4 +0.1 |
| STU | Stuttgart | 21.41 125 | P P | 00 16 01.8 +0.4 |
| STU | comp=Z,108nm,1.2s | | IAMB | 00 16 05.3 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,108nm,1.2s | | IAMB | 00 16 05.3 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,915nm,14.0s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,915nm,14.0s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=N,95nm,11.4s | | MLR | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=E,1um,11.4s | | S | 00 20 08.0 +0.1 |
| BRG | Berggiesshubel | 21.45 115 | i P | P 00 16 01.8 -0.1 |
| BRG | comp=Z,215nm,1.8s | | | |

30d Oh

| | | | | | |
|------|--------------------------------------------|-----------|------|------|-----------------|
| KEST | comp-Z,313nm,18.1s,baz=341,slow=38 | 33.19 138 | P | P | 00 17 51.7 +1.2 |
| KEST | | | IAMB | IAMB | 00 18 09.3 |
| F64A | comp-Z,36nm,1.4s | 33.27 260 | P | P | 00 17 51.7 +0.6 |
| G64A | Maxfield | 33.94 260 | P | P | 00 17 57.7 +0.9 |
| E60A | Ste Agathe de | 34.20 264 | P | P | 00 17 59.3 +0.3 |
| D58A | Chemin du LacG | 34.24 266 | P | P | 00 17 58.8 -0.6 |
| MAT0 | Matagami | 34.25 274 | P | P | 00 17 59.6 +0.1 |
| F61A | St Evariste | 34.31 263 | P | P | 00 18 00.9 +0.8 |
| G63A | Kingsbury | 34.41 261 | P | P | 00 18 01.8 +0.9 |
| L50Q | Label-sur-Quev | 34.50 272 | P | P | 00 18 01.8 +0.1 |
| BELG | Belogomye | 34.54 79 | P | P | 00 18 00.8 -1.1 |
| BELG | Belogomye | 34.54 79 | P | P | 00 18 00.8 -1.1 |
| AGG | comp-Z,6.0nm,1.1s | 34.61 118 | P | P | 00 18 03.4 +0.6 |
| AGG | | | P | P | |
| AGG | comp-Z,70nm,1.2s | 34.61 118 | P | P | 00 18 03.4 +0.6 |
| FCC | Agios Georgios | 34.63 297 | P | P | 00 18 02.6 0.0 |
| FCC | Fort Churchill | 34.63 297 | P | P | 00 18 02.6 0.0 |
| FCC | comp-Z,28nm,1.5s | 34.63 297 | P | P | 00 18 02.6 0.0 |
| FCC | Fort Churchill | 34.63 297 | P | P | 00 18 02.6 0.0 |
| D56A | comp-Z,28nm,1.5s | 35.09 268 | P | P | 00 18 07.1 +0.4 |
| D56A | ZEC Mazanza, M | 35.09 268 | P | P | 00 18 07.1 +0.4 |
| E57A | Chemin Saint G | 35.32 267 | P | P | 00 18 09.6 +0.8 |
| MOQ | Mont Orford | 35.38 264 | P | P | 00 18 09.7 +0.3 |
| D55A | Sainte-Anne-du | 35.42 269 | P | P | 00 18 10.1 +0.5 |
| VLD0 | Val d'Or | 35.42 272 | P | P | 00 18 11.9 +2.3 |
| VLD0 | | | IAMB | IAMB | 00 18 13.3 |
| G60A | Masonville | 35.58 264 | P | P | 00 18 10.6 -0.4 |
| E56A | St. Veronique | 35.60 268 | P | P | 00 18 10.8 -0.3 |
| H61A | Lyndonville | 35.86 263 | P | P | 00 18 13.3 -0.2 |
| ARU | Arti | 36.13 66 | P | P | 00 18 16.0 +0.4 |
| ARU | comp-Z,0.5nm,0.3s,baz=301,slow=5.4,SNR=5.9 | | P | P | 00 32 20.3 |
| ARU | comp-Z,317nm,19.4s,baz=308,slow=35 | | P | P | 00 18 15.8 +0.2 |
| ARU | Arti | 36.13 66 | PPP | PPP | 00 19 55.1 |
| ARU | | | S | S | 00 20 35.6 |
| ARU | | | P | P | 00 23 59.7 +4.2 |
| ARU | comp-Z,31nm,1.8s | | MLR | MLR | |
| ARU | comp-Z,333nm,16.0s | | P | P | 00 18 15.4 -0.3 |
| ARU | Arti | 36.13 66 | P | P | 00 18 20.5 |
| H60A | Morristown | 36.17 263 | P | P | 00 18 15.5 -0.5 |
| G58A | Ormstown | 36.28 265 | P | P | 00 18 16.1 -0.8 |
| FRNY | Flat Rock | 36.33 264 | P | P | 00 18 17.5 +0.1 |
| I61A | Oroboro, Fairl | 36.46 262 | P | P | 00 18 18.6 0.0 |
| NR1K | Noril'sk | 36.49 35 | P | P | 00 18 18.9 +0.3 |
| NR1K | comp-Z,12nm,1.1s,baz=300,slow=7.5,SNR=13 | | LR | LR | 00 33 44.9 |
| NR1K | comp-Z,67nm,19.9s,baz=347,slow=37 | | LR | LR | 00 33 44.9 |
| NR1K | Noril'sk | 36.49 35 | P | P | 00 18 18.9 +0.3 |
| NR1K | | | P | P | 00 18 18.9 +0.3 |
| NR1K | comp-Z,30nm,1.4s | 36.49 35 | IAMB | IAMB | 00 18 22.9 |
| NR1K | Noril'sk | 36.49 35 | IAMB | IAMB | 00 18 22.9 |
| H63A | Stratford | 36.51 260 | P | P | 00 18 18.6 -0.3 |
| J59A | Cadyville | 36.52 264 | P | P | 00 18 19.4 +0.3 |
| SVE | Sverdlovsk | 36.66 64 | eP | S | 00 18 20.1 0.0 |
| SVE | | | eS | S | 00 24 04.3 +0.8 |
| SVE | | | P | P | 00 24 04.3 +0.8 |
| SVE | comp-Z,26nm,1.7s | | MLR | MLR | |
| G57A | Newington | 36.71 266 | P | P | 00 18 20.4 -0.3 |
| C36M | Paulatuk | 36.80 325 | P | P | 00 18 21.2 0.0 |
| H58A | Gabriels | 36.92 265 | P | P | 00 18 23.2 +0.7 |
| LONy | Lake Ozonia | 36.93 265 | P | P | 00 18 22.8 +0.2 |
| LONy | Lake Ozonia | 36.93 265 | P | P | 00 18 23.3 +0.8 |
| ALGO | Algonquin Park | 37.36 270 | P | P | 00 18 25.9 -0.3 |
| H57A | Richville | 37.40 266 | P | P | 00 18 26.7 +0.2 |
| MANT | Manisa | 37.50 112 | P | P | 00 18 28.0 +0.3 |
| PLVO | Plevna | 37.60 268 | P | P | 00 18 28.5 -0.3 |
| G54A | Lake Saint Pet | 37.81 269 | P | P | 00 18 30.1 0.0 |
| SOC | Sochi | 37.92 95 | eP | P | 00 18 31.1 +0.2 |
| SOC | | | eS | S | 00 19 56.0 |
| SOC | | | S | S | 00 24 29.9 +2.0 |
| SOC | | | eSS | S | 00 26 59.2 -4.2 |
| SOC | | | MLR | MLR | |
| G57A | comp-Z,356nm,10.0s | 37.94 266 | P | P | 00 18 31.6 +0.5 |
| I50F | Carthage | 38.16 91 | eP | P | 00 18 35.7 +2.7 |
| GOF | Goftskoye | 38.16 91 | eP | P | 00 18 35.7 +2.7 |
| J58A | Remsen | 38.24 265 | P | P | 00 18 33.6 -0.1 |
| M63A | Gales Ferry | 38.46 260 | P | P | 00 18 35.8 +0.3 |
| BRTR | Keskin Array B | 38.53 105 | P | P | 00 18 37.1 +0.8 |
| BRTR | comp-Z,12nm,1.1s,baz=331,slow=4.8,SNR=11 | | LR | LR | 00 38 22.6 |
| K59A | Cooperstown | 38.53 264 | P | P | 00 18 36.6 +0.4 |
| H53A | Bocbaygeon | 38.68 269 | P | P | 00 18 37.9 +0.5 |
| SADO | Sadova | 38.77 270 | LR | LR | 00 33 10.8 |
| IDI | Anoyia | 38.85 118 | P | P | 00 18 38.2 -0.9 |
| K58A | Earlville | 38.88 264 | P | P | 00 18 39.5 +0.4 |
| KIV | Kislodovsk | 38.89 92 | eP | P | 00 18 40.0 +0.7 |
| KIV | | | eP | P | 00 20 07.7 |
| KIV | | | P | P | 00 20 07.7 |
| KBZ | Khabaz | 39.16 92 | P | P | 00 18 42.1 +0.7 |
| KBZ | comp-Z,7.8nm,0.9s,baz=346,slow=4.9,SNR=9.1 | | LR | LR | 00 35 03.1 |
| KBZ | comp-Z,290nm,20.5s,baz=327,slow=36 | | LR | LR | 00 35 03.1 |
| KBZ | Khabaz | 39.16 92 | P | P | 00 18 42.7 +1.3 |
| KBZ | | | P | P | 00 18 42.7 +1.3 |
| YKA | comp-Z,42nm,1.8s | 39.18 313 | P | P | 00 18 41.3 -0.1 |
| YKA | Yellowknife Ar | 39.18 313 | P | P | 00 20 50.2 -0.1 |
| YKA | Yellowknife Ar | 39.18 313 | P | P | 00 20 50.2 -0.1 |
| YKA | comp-Z,6.0nm,1.1s | | P | P | 00 18 41.4 +0.1 |
| K56A | Middlesex | 39.65 266 | P | P | 00 18 45.2 -0.3 |
| E46A | Sault Ste Mari | 39.72 276 | P | P | 00 18 46.0 0.0 |
| E46A | | | IAMB | IAMB | 00 18 47.3 |
| INIK | comp-Z,27nm,1.1s | 39.82 329 | P | P | 00 18 45.4 -1.2 |
| INIK | Inuvik | 39.82 329 | P | P | 00 18 45.4 -1.2 |
| INIK | comp-Z,8.4nm,1.1s,baz=352,slow=6.6,SNR=3.7 | | P | P | 00 20 52.8 +0.5 |
| INIK | | | LR | LR | 00 35 05.1 |
| INIK | comp-Z,163nm,19.1s,baz=24,slow=36 | | LR | LR | 00 35 05.1 |

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|-------|-------------------------------------------|-----------|------|------|-----------------|
| INIK | Inuvik | 39.82 329 | IAMB | IAMB | 00 18 49.9 |
| L57A | Andrews Acres | 40.02 265 | P | P | 00 18 48.7 +0.1 |
| L56A | Grewwood | 40.21 266 | P | P | 00 18 50.0 -0.2 |
| AKTO | Aktubinsk | 40.34 73 | P | P | 00 18 50.5 -0.6 |
| AKTO | comp-Z,15nm,1.1s,baz=312,slow=8.6,SNR=14 | | LR | LR | 00 34 24.5 |
| I51A | Listowel | 40.35 270 | P | P | 00 18 50.2 -1.1 |
| ZEI | Tsey | 40.36 92 | eP | P | 00 18 54.5 +2.9 |
| ZEI | | | P | P | 00 18 54.5 +2.9 |
| N59A | comp-Z,8.0nm,1.3s | 40.45 263 | P | P | 00 18 51.8 -0.3 |
| N59A | State Game Lan | 40.45 263 | P | P | 00 18 51.8 -0.3 |
| FFC | Flin Flon | 40.55 297 | P | P | 00 18 53.9 +1.1 |
| FFC | | | P | P | 00 18 53.9 +1.1 |
| FFC | comp-Z,22nm,1.5s | 40.55 297 | P | P | 00 18 53.9 +1.1 |
| FFC | Flin Flon | 40.55 297 | P | P | 00 18 54.7 +0.7 |
| M57A | Sunshine Farm, | 40.68 265 | P | P | 00 18 53.8 -1.1 |
| O60A | Telford | 40.79 262 | P | P | 00 18 54.1 -1.2 |
| GROG | Groznyy | 40.84 90 | eP | P | 00 25 05.1 -1.6 |
| GROG | | | eS | S | 00 25 05.1 -1.6 |
| GROG | | | P | P | 00 25 05.1 -1.6 |
| N58A | Sunbury | 40.91 264 | P | P | 00 18 55.7 -0.2 |
| M56A | Emporium | 41.01 266 | P | P | 00 18 56.5 -0.3 |
| ERPA | Erie | 41.27 268 | P | P | 00 18 58.0 -0.8 |
| AKH | Akhalkalaki | 41.31 94 | P | P | 00 19 00.0 +0.6 |
| AKH | | | P | P | 00 19 00.0 +0.6 |
| AKH | comp-Z,102nm,1.3s | 41.31 94 | P | P | 00 19 00.0 +0.6 |
| N57A | Milroy | 41.34 264 | P | P | 00 18 58.2 -1.2 |
| A21K | Barrow | 41.42 341 | P | P | 00 18 58.8 -0.9 |
| L53A | Girard | 41.52 268 | P | P | 00 19 00.7 -0.3 |
| N56A | West Decatur | 41.53 265 | P | P | 00 19 01.2 +0.2 |
| EYMN | Ely | 41.53 283 | P | P | 00 19 00.3 -0.7 |
| EYMN | Ely | 41.53 283 | P | P | 00 19 01.5 +0.5 |
| ULM | Lac du Bonnet | 41.56 289 | P | P | 00 19 00.6 -0.6 |
| ULM | comp-Z,9.8nm,0.9s,baz=34,slow=9.4,SNR=5.5 | | LR | LR | 00 34 50.4 |
| ULM | | | LR | LR | 00 34 50.4 |
| ULM | comp-Z,192nm,21.3s,baz=41,slow=34 | | P | P | 00 19 01.0 -0.1 |
| ULM | Lac du Bonnet | 41.56 289 | P | P | 00 19 01.0 -0.1 |
| ULM | Lac du Bonnet | 41.56 289 | P | P | 00 19 01.0 -0.1 |
| SSPA | Standing Stone | 41.58 265 | P | P | 00 19 00.7 -0.8 |
| O58A | Lewisberry | 41.59 263 | P | P | 00 19 00.1 -1.5 |
| M54A | Oil Creek Stat | 41.63 267 | P | P | 00 19 02.0 +0.2 |
| M54A | Oil Creek Stat | 41.63 267 | P | P | 00 19 01.7 -0.2 |
| M54A | | | IAMB | IAMB | 00 19 04.0 |
| MAK | Makhchakala | 41.77 89 | eP | S | 00 18 59.2 -3.7 |
| MAK | | | eS | S | 00 25 14.2 -6.3 |
| MAK | | | eSS | S | 00 28 20.8 -4.9 |
| MAK | | | P | P | 00 28 20.8 -4.9 |
| O57A | comp-Z,224nm,1.3s | 41.83 264 | P | P | 00 19 03.5 0.0 |
| O57A | Amberson | 41.83 264 | P | P | 00 19 03.5 0.0 |
| K50A | Casco | 41.87 271 | P | P | 00 19 04.5 +0.7 |
| K50A | | | IAMB | IAMB | 00 19 07.8 |
| Q61A | Milford | 41.95 261 | P | P | 00 19 05.2 +0.8 |
| ABKAR | Abkhal array | 42.04 73 | P | P | 00 19 04.7 -0.4 |
| TIXI | Tiksi | 42.05 15 | P | P | 00 19 06.3 +1.4 |
| TIXI | Tiksi | 42.05 15 | P | P | 00 19 05.2 +0.3 |
| TIXI | | | IAMB | IAMB | 00 19 10.2 |
| M53A | WI Miller and | 42.12 268 | P | P | 00 19 07.0 +1.1 |
| M53A | WI Miller and | 42.12 268 | IAMB | IAMB | 00 19 09.7 |
| B35A | Bob, Littlefor | 42.14 285 | P | P | 00 19 07.5 +1.5 |
| GAZ | Gaziantep | 42.18 103 | P | P | 00 19 08.0 +1.5 |
| O56A | Blue Knob Stat | 42.18 265 | P | P | 00 19 07.3 +0.9 |
| N54A | Moraine State | 42.22 267 | P | P | 00 19 07.3 +0.6 |
| N54A | Moraine State | 42.22 267 | P | P | 00 19 07.6 +1.0 |
| N54A | | | IAMB | IAMB | 00 19 08.2 |
| R61A | Willards | 42.42 260 | P | P | 00 19 09.1 +0.9 |
| P57A | Homestead Farm | 42.59 264 | P | P | 00 19 10.0 +0.3 |
| TOLK | Toolik Lake Re | 42.73 336 | P | P | 00 19 10.6 0.0 |
| TOLK | Toolik Lake Re | 42.73 336 | P | P | 00 19 11.9 +1.3 |
| M51A | Elyria | 42.86 269 | P | P | 00 19 11.8 -0.1 |
| GNI | Garni | 42.88 94 | P | P | 00 19 12.2 -0.1 |
| GNI | comp-Z,18nm,1.2s,baz=244,slow=1.6,SNR=6.4 | | P | P | 00 19 12.5 +0.2 |
| GNI | Garni | 42.88 94 | P | P | 00 19 12.5 +0.2 |
| GNI | | | P | P | 00 19 14.1 +1.9 |
| GNI | comp-Z,18nm,1.2s | 42.88 94 | P | P | 00 19 20.4 |
| GNI | | | | | |

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|-------|----------------|-----------|----|----|-----------------|
| LAO | LASA Array | 48.55 293 | P | P | 00 19 57.0 +0.1 |
| EGMT | Eagleton | 48.83 297 | P | P | 00 19 58.8 -0.3 |
| EGMT | Eagleton | 48.83 297 | P | P | 00 19 59.0 0.0 |
| HODGE | Hodges | 48.84 264 | I | I | 00 19 58.9 -0.3 |
| SIUC | Southern Illin | 48.88 273 | P | P | 00 20 00.5 +1.1 |
| NHSC | New Hope | 48.92 261 | P | P | 00 20 00.1 +0.4 |
| S44A | Carbondale | 48.92 273 | P | P | 00 19 59.8 +0.1 |
| SEM | Semipalatinsk | 49.00 57 | eP | eP | 00 19 59.4 -1.1 |
| SEM | Semipalatinsk | 49.00 57 | eP | eP | 00 19 59.3 -1.1 |
| CLTN | Cedars of Leba | 49.01 269 | P | I | 00 20 01.3 +0.9 |
| TTA | Tatalina | 49.05 336 | P | P | 00 20 01.2 +0.7 |
| TTA | Tatalina | 49.05 336 | P | P | 00 20 01.2 +0.7 |
| FVM | French Village | 49.18 274 | P | P | 00 20 01.6 -0.1 |
| FVM | French Village | 49.18 274 | P | P | 00 20 01.6 -0.1 |
| CCM | Cathedral Cave | 49.47 275 | P | P | 00 20 03.8 -0.1 |
| 157A | Early Branch | 49.63 262 | P | P | 00 20 05.8 +0.5 |
| RSSD | Black Hills | 49.79 290 | P | P | 00 20 06.9 +0.3 |
| RSSD | Black Hills | 49.79 290 | P | P | 00 20 06.9 +0.3 |
| Y52A | Liburn | 49.93 265 | I | I | 00 20 11.1 |
| GGA | Godfrey | 50.06 265 | P | P | 00 20 07.7 -0.8 |
| T42A | Van Buren | 50.27 274 | I | I | 00 20 07.8 |
| GEYT | Alibeck | 50.48 83 | P | P | 00 20 12.2 +0.5 |
| GEYT | Alibeck | 50.48 83 | P | P | 00 20 12.2 +0.5 |
| X48A | Hartselle | 50.71 269 | I | I | 00 20 16.1 |
| KOWA | Holler Researc | 50.71 298 | P | P | 00 20 13.4 0.0 |
| KOWA | Kowa | 50.97 163 | P | P | 00 20 14.9 -0.6 |
| KOWA | Kowa | 50.97 163 | P | P | 00 20 17.6 |
| RLMT | Red Lodge | 51.05 294 | P | P | 00 20 14.8 -1.3 |
| RLMT | Red Lodge | 51.05 294 | P | P | 00 20 20.2 |
| BTLS | Baital | 51.12 66 | eP | eP | 00 20 16.0 -0.4 |
| BTLS | Baital | 51.12 66 | eP | eP | 00 20 15.9 -0.4 |
| YAK | Yakutsk | 51.29 19 | iP | iP | 00 20 16.5 -0.9 |
| YAK | Yakutsk | 51.29 19 | iP | iP | 00 20 16.5 -0.9 |
| KKAR | Karatay Array | 51.33 70 | P | P | 00 20 18.0 +0.1 |
| KKAR | Karatay Array | 51.33 70 | P | P | 00 20 18.0 +0.1 |
| MSO | Missoula | 51.41 299 | P | P | 00 20 17.2 -1.4 |
| BOZ | Bozeman (W) | 51.56 297 | P | P | 00 20 17.7 -2.1 |
| BOZ | Bozeman (W) | 51.56 297 | I | I | 00 20 24.5 |
| U40A | Yellville | 51.59 275 | P | P | 00 20 18.8 -1.2 |
| U40A | Yellville | 51.59 275 | I | I | 00 20 22.9 |
| YMP | Mirror Lake Pl | 51.71 295 | P | P | 00 20 21.6 +0.4 |
| DZA | Taraz | 51.83 69 | eP | eP | 00 20 22.1 +0.3 |
| DZA | Taraz | 51.83 69 | eP | eP | 00 20 22.0 +0.3 |
| LRLAL | Lakeview Retre | 51.90 268 | P | P | 00 20 21.1 -1.2 |
| IUG | Iuzhnyy | 51.93 71 | eP | eP | 00 20 22.5 -0.1 |
| IUG | Iuzhnyy | 51.93 71 | eP | eP | 00 20 22.4 -0.1 |
| K22A | Casper | 52.02 291 | P | P | 00 20 22.9 -0.4 |
| K22A | Casper | 52.02 291 | I | I | 00 20 26.1 |
| YHB | Horse Butte | 52.11 296 | P | P | 00 20 24.8 +0.8 |
| DGZ | Dziggul, Alta | 52.12 53 | iP | iP | 00 20 24.7 +0.7 |
| DGZ | Dziggul, Alta | 52.12 53 | iP | iP | 00 20 24.7 +0.7 |
| H17A | Grant Village | 52.16 295 | P | P | 00 20 23.4 -1.1 |
| W41B | Gary Mavity, V | 52.33 274 | P | P | 00 20 25.1 -0.3 |
| BOD | Bodaibo | 52.44 30 | eP | eP | 00 20 24.3 -1.7 |
| BOD | Bodaibo | 52.44 30 | eP | eP | 00 20 24.3 -1.7 |
| M35A | Makanchi | 52.64 58 | P | P | 00 20 27.1 -0.6 |
| MAKZ | Makanchi | 52.64 58 | P | P | 00 20 27.1 -0.6 |
| MAKZ | Makanchi | 52.64 58 | P | P | 00 20 31.3 |
| SGDS | Sogindy | 52.68 66 | eP | eP | 00 20 27.5 -0.6 |
| SGDS | Sogindy | 52.68 66 | eP | eP | 00 20 27.4 -0.6 |
| T35A | Sooner Cattle | 52.68 279 | I | I | 00 20 30.3 |
| PHWY | Pilot Hill | 52.72 289 | I | I | 00 20 32.0 |
| MK31 | Makanchi Array | 52.77 58 | iP | iP | 00 20 27.8 -0.9 |
| MKAR | Makanchi Array | 52.77 58 | eP | eP | 00 20 27.4 -1.2 |
| MKAR | Makanchi Array | 52.77 58 | eP | eP | 00 20 28.5 -0.2 |
| TDK | Taldygorghan | 52.83 62 | eP | eP | 00 20 29.1 -0.1 |
| TDK | Taldygorghan | 52.83 62 | eP | eP | 00 20 29.0 -0.1 |
| W39A | Magazine | 52.97 275 | P | P | 00 20 29.8 -0.5 |
| EKS2 | Erkin-Say | 53.00 67 | P | P | 00 20 31.3 +0.8 |
| CHMS | Chumysh | 53.11 66 | P | P | 00 20 32.4 +1.2 |
| BW06 | Boulder Array | 53.13 293 | P | P | 00 20 31.2 -0.5 |
| BW06 | Boulder Array | 53.13 293 | I | I | 00 20 34.5 |
| PDAR | Pinedale Array | 53.13 293 | P | P | 00 20 30.9 -0.7 |
| PDAR | Pinedale Array | 53.13 293 | P | P | 00 20 30.9 -0.7 |
| REDW | Red Top Meadow | 53.14 294 | I | I | 00 20 35.7 |
| ZSN | Zaisan | 53.14 56 | eP | eP | 00 20 30.7 -0.8 |
| ZSN | Zaisan | 53.14 56 | eP | eP | 00 20 30.6 -0.8 |
| TOA0 | Torodi Ar. Sit | 53.16 156 | P | P | 00 20 31.1 -0.6 |
| TORD | Torodi Ar. Bea | 53.16 156 | P | P | 00 20 30.8 -1.0 |
| TORD | Torodi Ar. Bea | 53.16 156 | P | P | 00 20 31.6 0.0 |
| X40A | Basin Creek Fa | 53.17 274 | P | P | 00 20 32.3 +0.7 |
| X40A | Basin Creek Fa | 53.17 274 | P | P | 00 20 31.3 -1.0 |
| CHKK | Chushkaly | 53.26 64 | eP | eP | 00 20 31.3 -1.0 |
| CHKK | Chushkaly | 53.26 64 | eP | eP | 00 20 31.3 -1.0 |

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|-------|----------------|-----------|----|----|-------------------|
| N23A | Red Feather La | 53.26 289 | P | P | 00 20 32.5 -0.1 |
| N23A | Red Feather La | 53.26 289 | I | I | 00 20 36.6 |
| AAK | Ala-Archa | 53.31 67 | P | P | 00 20 33.3 +0.4 |
| AAK | Ala-Archa | 53.31 67 | P | P | 00 20 33.8 +0.9 |
| AAK | Ala-Archa | 53.31 67 | iP | iP | 00 20 32.4 -0.4 |
| AAK | Ala-Archa | 53.31 67 | P | P | 00 20 33.7 +0.9 |
| AML | Almayashu | 53.42 68 | P | P | 00 20 35.6 +1.7 |
| MIAR | Mount Ida | 53.44 274 | P | P | 00 20 33.1 -0.6 |
| TKM2 | Tokmak 2 | 53.50 66 | P | P | 00 20 35.2 +0.8 |
| UCH | Uchtor | 53.66 67 | P | P | 00 20 37.5 +1.7 |
| AAA | Alma-Ata | 53.77 65 | eP | eP | 00 20 35.4 -0.8 |
| AAA | Alma-Ata | 53.77 65 | eP | eP | 00 20 35.3 -0.8 |
| DWPF | Disney Wildern | 53.78 259 | P | P | 00 20 36.7 +0.4 |
| MDOH | Medeo | 53.87 65 | eP | eP | 00 20 36.3 -0.6 |
| MDOH | Medeo | 53.87 65 | eP | eP | 00 20 37.6 -0.1 |
| TNSS | Tian-Shan | 53.93 65 | eP | eP | 00 20 37.6 -0.1 |
| BOOM | Boomsokye usch | 54.00 66 | P | P | 00 20 39.8 +1.8 |
| BOOM | Boomsokye usch | 54.00 66 | P | P | 00 20 39.8 +1.8 |
| 143A | Socs Landing, | 54.08 271 | P | P | 00 20 38.5 +0.1 |
| 143A | Socs Landing, | 54.08 271 | I | I | 00 20 42.0 |
| OK025 | Westminster Rd | 54.16 278 | P | P | 00 20 38.6 -0.4 |
| OK025 | Westminster Rd | 54.16 278 | I | I | 00 20 41.6 |
| BCOK | Bluff Creek, N | 54.22 279 | P | P | 00 20 40.0 +0.7 |
| KPKS | Kokpek | 54.24 63 | eP | eP | 00 20 39.2 -0.4 |
| KPKS | Kokpek | 54.24 63 | eP | eP | 00 20 39.1 -0.4 |
| BMO | Blue Mountains | 54.34 300 | I | I | 00 20 42.8 |
| HLID | Hailey | 54.35 297 | P | P | 00 20 40.2 -0.2 |
| 346A | Big Creek Wild | 54.38 269 | P | P | 00 20 40.6 +0.1 |
| FNO | Frain | 54.47 278 | P | P | 00 20 41.7 +0.5 |
| SATY | Saty | 54.48 64 | eP | eP | 00 20 40.9 -0.5 |
| SATY | Saty | 54.48 64 | eP | eP | 00 20 40.9 -0.5 |
| MOY | Mondy | 54.70 42 | eP | eP | 00 20 43.8 +1.0 |
| MOY | Mondy | 54.70 42 | eP | eP | 00 20 45.5 +1.7 |
| KDJ | Kajisay | 54.79 65 | P | P | 00 20 45.5 +1.7 |
| KDJ | Kajisay | 54.79 65 | P | P | 00 20 48.0 |
| SHLS | Shalkode | 54.80 63 | eP | eP | 00 20 44.9 +1.2 |
| SHLS | Shalkode | 54.80 63 | eP | eP | 00 20 44.9 +1.2 |
| O20A | White River Ci | 54.83 290 | P | P | 00 20 43.9 -0.1 |
| O20A | White River Ci | 54.83 290 | I | I | 00 20 49.9 |
| PRZ | Przheval'sk | 54.97 64 | P | P | 00 20 45.5 +0.5 |
| PRZ | Przheval'sk | 54.97 64 | P | P | 00 20 45.5 +0.5 |
| HVU | Hansel Valley | 55.23 295 | P | P | 00 20 46.7 -0.2 |
| HVU | Hansel Valley | 55.23 295 | P | P | 00 20 46.7 -0.2 |
| HRA | Herat | 55.23 295 | P | P | 00 20 46.7 -0.2 |
| HRA | Herat | 55.24 82 | P | P | 00 20 47.3 +0.2 |
| TLY | Talaya | 55.44 40 | P | P | 00 20 48.0 0.0 |
| TLY | Talaya | 55.44 40 | P | P | 00 20 48.0 0.0 |
| WMOK | Wichita Mounta | 55.50 279 | P | P | 00 20 48.6 -0.1 |
| WMOK | Wichita Mounta | 55.50 279 | I | I | 00 20 52.1 |
| SPUT | South Promonto | 55.51 294 | P | P | 00 20 49.6 +0.7 |
| SDCO | Great Sand Dun | 55.75 287 | P | P | 00 20 50.5 -0.5 |
| T25A | Trinidad | 55.81 285 | P | P | 00 20 51.5 +0.3 |
| T25A | Trinidad | 55.81 285 | I | I | 00 20 55.2 |
| Z35A | Perchewen, San | 56.05 277 | P | P | 00 20 52.6 0.0 |
| BGU | Big Grassy Mou | 56.06 295 | P | P | 00 20 53.7 +0.9 |
| S22A | 4UR Ranch, Cre | 56.29 288 | P | P | 00 20 54.6 -0.1 |
| PV22 | Blue Mesa, Pa | 56.42 290 | P | P | 00 20 55.6 +0.1 |
| ZAK | Zakamensk | 56.50 41 | eP | eP | 00 20 56.0 +0.2 |
| PV23 | Carpenter Ridg | 56.58 290 | I | I | 00 21 00.4 |
| PV29 | Paradox Valley | 56.59 290 | I | I | 00 21 00.1 |
| DUG | Dugway, Tooele | 56.60 294 | P | P | 00 20 57.6 +0.9 |
| DUG | Dugway, Tooele | 56.60 294 | I | I | 00 21 00.9 |
| PV12 | Saucer Basin, | 56.61 290 | I | I | 00 21 06.1 |
| PV14 | Lion Creek, Pa | 56.65 290 | I | I | 00 21 00.5 |
| PV10 | Paradox Valley | 56.66 290 | P | P | 00 21 07.0 -0.2 |
| PV16 | Nyswonger Mesa | 56.66 290 | I | I | 00 21 00.7 |
| PV01 | Paradox Valley | 56.67 289 | P | P | 00 20 57.3 0.0 |
| PV02 | Paradox Valley | 56.68 290 | I | I | 00 21 01.6 |
| PV03 | Paradox Valley | 56.68 290 | I | I | 00 21 00.9 |
| PV19 | Morning Glor | 56.69 290 | P | P | 00 21 00.8 |
| PV19 | Morning Glor | 56.69 290 | I | I | 00 20 57.1 -0.3 |
| PV17 | East Wray Mesa | 56.70 290 | I | I | 00 21 01.0 |
| PV18 | Skein Mesa, Pa | 56.71 290 | I | I | 00 21 01.1 |
| ELK | Elko | 57.08 296 | P | P | 00 21 00.8 +0.7 |
| ELK | Elko | 57.08 296 | P | P | 00 21 00.5 +0.3 |
| ELK | Elko | 57.08 296 | P | P | 00 21 00.5 +0.3 |
| J05D | Fort Rock, OR | 57.13 302 | P | P | 00 21 01.5 +1.0 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 09.0 +5.7 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 14.5 +1.2 |
| WMQ | Urumqi | 57.28 56 | eP | eP | 00 21 02.5 +1.2</ |

30d 3h

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

2014 DEC

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Contains detailed station data and includes a section for 'Islands'.

1426

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations and their data, including a section for 'Islands'.

| | | | | | |
|------|---------------------------|----------|-----|-----------------|-----------------|
| MTBS | 302nm,0.3s | S | Sb | 03 27 49.2 -1.1 | |
| KDJ | Kajisay baz=10.0 | 1.14 210 | ↑P | Pn | 03 27 35.1 -1.4 |
| KDJ | baz=10.0 | ↑/S | Sb | 03 27 49.8 -1.4 | |
| PDGK | Podgornoye 63nm,0.2s | 1.14 79 | P | Pn | 03 27 34.7 -1.8 |
| PDGK | 32nm,0.4s | S | Sb | 03 27 49.3 -1.9 | |
| PDGK | Podgornoye 52nm,0.4s | 1.14 79 | ↑P | Pn | 03 27 34.5 -2.0 |
| PDGK | 119nm,0.6s | ↑/S | Sb | 03 27 49.2 -1.9 | |
| KST | Kastek baz=68 | 1.46 268 | eP | Pn | 03 27 40.6 -0.3 |
| KST | baz=68 | eS | Sn | 03 27 59.4 -0.7 | |
| KST | Kastek 35nm,0.2s | 1.46 268 | eP | Pn | 03 27 40.5 -0.3 |
| KST | 166nm,0.3s | eS | Sn | 03 27 59.3 -0.8 | |
| KST | Kastek 35nm,0.2s | 1.46 268 | P | Pn | 03 27 40.6 -0.3 |
| KST | 166nm,0.3s | S | Sn | 03 27 59.3 -0.8 | |
| ULHL | Ulhalo baz=36 | 1.54 236 | ↑P | Pn | 03 27 41.7 -0.3 |
| ULHL | SNR=266 | ↑/S | Sn | 03 28 01.4 -0.6 | |
| ULHL | baz=36 | 1.54 236 | P | Pb | 03 27 42.0 -1.0 |
| DGS | Degeres baz=75 | 1.60 275 | ↑eP | Pn | 03 27 42.9 +0.1 |
| DGS | baz=75 | ↑eS | Sb | 03 28 03.7 -0.6 | |
| DGS | Degeres 37nm,0.1s | 1.60 275 | ↑eP | Pn | 03 27 42.9 +0.1 |
| DGS | 241nm,0.2s | eS | Sb | 03 28 03.7 -0.6 | |
| DGS | Degeres 37nm,0.1s | 1.60 275 | P | Pb | 03 27 43.1 -1.0 |
| DGS | 241nm,0.2s | S | Sb | 03 28 03.8 -0.6 | |
| BOOM | Boomskeye usch baz=49 | 1.61 248 | ↑P | Pn | 03 27 42.9 -0.1 |
| BOOM | baz=48 | ↑/S | Pn | 03 28 03.4 -0.4 | |
| TKM2 | Tokmak 2 baz=64 | 1.74 264 | ↑P | Pb | 03 27 45.5 -1.0 |
| TKM2 | baz=64 | ↑/S | Sb | 03 28 07.7 -0.8 | |
| TKM2 | Tokmak 2 SNR=171 | 1.74 264 | P | Pb | 03 27 45.5 -1.0 |
| TKM2 | Tokmak 2 20nm,0.6s | 1.74 264 | ↑Pn | Pb | 03 27 45.3 -1.0 |
| TKM2 | LVC | 1.74 264 | ↑Sn | Sb | 03 28 09.0 +0.5 |
| KRBS | Karabastau baz=90 | 1.76 290 | eP | Pb | 03 27 45.7 -1.0 |
| KRBS | baz=90 | eS | Sb | 03 28 08.2 -0.7 | |
| KRBS | Karabastau 23nm,0.2s | 1.76 290 | eP | Pb | 03 27 45.7 -1.0 |
| KRBS | baz=90 | eS | Sb | 03 28 08.2 -0.7 | |
| KRBS | Karabastau 23nm,0.2s | 1.76 290 | P | Pb | 03 27 45.7 -1.0 |
| KRBS | 391nm,0.2s | S | Sb | 03 28 08.2 -0.7 | |
| KTMS | Ketmen 75nm,0.3s | 1.78 79 | eP | Pb | 03 27 46.4 -0.8 |
| KTMS | 103nm,0.2s | eS | Sb | 03 28 09.2 -0.4 | |
| KTMS | Ketmen 63nm,0.3s | 1.78 79 | P | Pb | 03 27 45.6 -1.6 |
| KTMS | 103nm,0.2s | S | Sb | 03 28 08.0 -1.6 | |
| DJR | Jarkent 88nm,0.1s | 1.80 47 | eP | Pb | 03 27 46.3 -1.2 |
| DJR | 108nm,0.3s | eS | Sb | 03 28 09.2 -0.9 | |
| DJR | Jarkent 88nm,0.1s | 1.80 47 | P | Pb | 03 27 46.3 -1.2 |
| DJR | 108nm,0.3s | S | Sb | 03 28 09.1 -0.9 | |
| TDK | Taldyqorghan 82nm,0.2s | 1.91 10 | eP | Pb | 03 27 48.5 -0.8 |
| TDK | 720nm,0.6s | eS | Sb | 03 28 13.0 -0.2 | |
| TDK | Taldyqorghan 82nm,0.2s | 1.91 10 | P | Pb | 03 27 48.5 -0.8 |
| TDK | 720nm,0.6s | S | Sb | 03 28 13.0 -0.2 | |
| KBK | Karagaybulak baz=59 | 2.26 259 | ↑P | Pn | 03 27 52.0 +0.1 |
| KBK | baz=59 | ↑/S | Sb | 03 28 19.2 -0.6 | |
| KBK | Karagaybulak SNR=114 | 2.26 259 | P | Pb | 03 27 54.7 -0.6 |
| CHMS | Chumysh baz=68 | 2.35 268 | ↑P | Pn | 03 27 53.3 +0.3 |
| CHMS | baz=68 | ↑/S | Sn | 03 28 21.5 -0.4 | |
| CHMS | Chumysh SNR=13 | 2.35 268 | P | Pb | 03 27 55.8 -1.0 |
| KAPS | Kapalarasan 10nm,0.3s | 2.39 24 | eP | Pb | 03 27 56.6 -0.9 |
| KAPS | 70nm,0.3s | eS | Sb | 03 28 27.3 +0.3 | |
| KAPS | Kapalarasan 10nm,0.3s | 2.39 24 | P | Pb | 03 27 56.6 -0.9 |
| KAPS | 70nm,0.3s | Lg | Lg | 03 28 27.3 | |
| SGDS | Sogindy 7.6nm,0.1s | 2.45 279 | Pg | Lg | 03 27 57.8 -0.7 |
| SGDS | 38nm,0.4s | Lg | Lg | 03 28 29.2 | |
| FRU1 | Bishkek baz=64 | 2.46 264 | ↑P | Pn | 03 27 54.8 +0.2 |
| FRU1 | baz=64 | ↑/S | Sn | 03 28 24.3 -0.3 | |
| USP | Ospenovka baz=75 | 2.53 275 | ↑P | Pn | 03 27 56.0 +0.5 |
| USP | baz=75 | ↑/S | Sn | 03 28 26.7 +0.3 | |
| USP | Ospenovka SNR=16 | 2.53 275 | P | Pb | 03 27 58.9 -1.0 |
| AAK | Ala-Archa baz=61 | 2.59 260 | ↑P | Pn | 03 27 57.0 +0.6 |
| AAK | baz=61 | ↑/S | Sn | 03 28 27.9 0.0 | |
| AAK | Ala-Archa SNR=38 | 2.59 260 | P | Pb | 03 27 59.7 -1.3 |
| AAK | Ala-Archa 12nm,0.3s | 2.59 260 | ↑Pn | Pb | 03 28 00.0 -1.0 |
| AAK | 53nm,0.6s | ↓Lg | Lg | 03 28 34.9 | |
| UCH | Uchtoy baz=52 | 2.69 252 | ↑P | Pn | 03 27 58.5 +0.4 |
| UCH | baz=52 | ↑/S | Sn | 03 28 30.8 0.0 | |
| UCH | Uchtoy SNR=39 | 2.69 252 | P | Pb | 03 28 01.8 -1.1 |
| ARLS | Aral baz=46 | 2.97 246 | ↑P | Pn | 03 28 02.0 +0.4 |
| ARLS | baz=46 | ↑/S | Sn | 03 28 36.3 -0.9 | |
| EKS2 | Erkin-Say baz=63 | 3.10 263 | ↑P | Pn | 03 28 03.7 +0.2 |
| EKS2 | baz=63 | ↑/S | Sn | 03 28 39.7 -0.9 | |
| EKS2 | Erkin-Say SNR=20 | 3.10 263 | P | Pb | 03 28 08.5 -1.2 |
| AML | Almayashu baz=54 | 3.30 254 | ↑P | Pn | 03 28 06.4 +0.1 |
| AML | baz=54 | ↑/S | Sn | 03 28 44.1 -1.6 | |
| AML | Almayashu SNR=17 | 3.30 254 | P | Pb | 03 28 13.5 +0.3 |
| BTL5 | Baital 6.6nm,0.3s | 3.41 306 | eP | Pb | 03 28 15.1 +0.2 |
| BTL5 | 9.1nm,0.2s | 3.41 306 | Pg | Pb | 03 28 15.8 +2.5 |
| BTL5 | 6.6nm,0.3s | 3.41 306 | Pg | Pb | 03 28 15.1 +0.2 |
| BTL5 | 9.1nm,0.2s | Lg | Lg | 03 28 58.8 | |

| | | | | | |
|------|------------------------------------------------------|----------|-----|-----------------|-----------------|
| MRKS | Merke 19nm,0.3s | 3.49 265 | eP | Pb | 03 28 17.1 +0.8 |
| MRKS | 22nm,0.2s | eS | Sb | 03 29 02.0 +3.2 | |
| MRKS | 19nm,0.3s | 3.49 265 | Pg | Pb | 03 28 16.3 0.0 |
| MRKS | 22nm,0.2s | Lg | Lg | 03 29 00.9 | |
| MAK2 | Makanchi 0.4nm,0.2s | 4.66 36 | ↑P | Pn | 03 28 25.7 +0.9 |
| MAK2 | 1.4nm,0.2s | ↑Lg | Lg | 03 29 36.5 | |
| MK31 | Makanchi Array 0.5nm,0.1s,slow=219,slow=11,SNR=16 | 4.79 38 | ↑Pn | Pn | 03 28 27.2 +0.6 |
| MK31 | 1.2nm,0.3s,slow=218,slow=28,SNR=9.3 | ↑Lg | Lg | 03 29 39.8 | |
| KK31 | Karatay Array 0.5nm,0.3s,slow=323,slow=30,SNR=11 | 5.45 272 | ↑P | Pb | 03 28 53.7 +4.1 |
| KK31 | 2.6nm,0.3s,slow=82,slow=27,SNR=12 | Lg | Lg | 03 30 02.6 | |

VAO 30 04:10:02.8:0.4, 17.24S:68.47W, h10km, mb3.9
 IDC 30 04:10:10.7:1.0, 17.82S:68.94W, h156km, 6km, mb3.7/6,
 mb1 3.7/9, mb1mx3.5/31, mbtmp4.1/9, Error ellipse:
 s-maj=19.6km s-min=10.0km az=101.0
 NEIC 30 04:10:10.1:1.4, 17.81S:68.06W, h156km, 6km,
 mb4.0/4, Error ellipse: s-maj=17.1km s-min=2.9km
 az=118.0

| | | | | | | |
|-------|----------------------------------------------|-----------|----------|------------|------------|------|
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res | |
| BP16 | IPOC Station P | 0.75 226 | Op | ISC | h m s ISC | |
| BP16 | 0.2nm,0.1s,slow=220,slow=11,SNR=944 | 0.75 226 | Pn | 04 10 33.6 | +0.5 | |
| MNMC | Minye Minye | 1.45 205 | Pn | 04 10 40.0 | +0.2 | |
| MNMC | 0.1nm,0.1s,slow=11,SNR=10 | 1.45 205 | Sn | 04 11 01.8 | -0.9 | |
| LPAZ | La Paz | 1.70 27 | Pn | 04 10 44.3 | +1.4 | |
| LPAZ | 2.2nm,0.3s,slow=90,slow=11,SNR=1.4 | 1.70 27 | Sn | 04 11 09.1 | +1.2 | |
| LPAZ | La Paz | 1.70 27 | Pn | 04 10 44.0 | +1.2 | |
| LPAZ | 2.2nm,0.3s,slow=12,slow=7.3,SNR=52 | 1.70 27 | Sn | 04 11 08.0 | +0.2 | |
| GO01 | Chusmiz | 1.87 187 | Pn | 04 10 46.3 | +1.9 | |
| GO01 | 0.5nm,0.1s,slow=11,SNR=10 | 1.87 187 | Sn | 04 11 15.9 | +1.0 | |
| PSGCX | Pisagua | 2.10 212 | Pn | 04 10 46.4 | -0.4 | |
| BP08 | IPOC Station P | 2.33 185 | Pn | 04 10 49.5 | -0.3 | |
| PATCX | Punta Patache | 3.21 201 | Pn | 04 10 59.9 | -0.5 | |
| BP01 | IPOC Station P | 3.26 189 | Pn | 04 11 01.0 | 0.0 | |
| BP09 | IPOC Station P | 3.86 184 | Pn | 04 11 10.4 | +0.1 | |
| BP07 | IPOC Station P | 4.00 193 | Pn | 04 11 07.0 | 0.0 | |
| BP04 | IPOC Station P | 4.64 194 | Pn | 04 11 19.0 | -0.1 | |
| BP04 | 0.5nm,0.1s,slow=11,SNR=10 | 4.64 194 | Sn | 04 12 10.4 | -2.4 | |
| LVC | Limon Verde | 4.78 180 | Pn | 04 11 22.7 | +1.6 | |
| LVC | 2.5nm,0.3s,slow=12,slow=7.3,SNR=52 | 4.78 180 | Sn | 04 12 15.9 | -0.4 | |
| LVC | Limon Verde | 4.78 180 | Pn | 04 11 22.1 | +1.1 | |
| LVC | 2.5nm,0.3s,slow=12,slow=7.3,SNR=52 | 4.78 180 | Sn | 04 12 15.5 | +0.2 | |
| GO02 | Mina Guanaco | 4.78 180 | eP | Pn | 04 11 22.8 | +1.8 |
| GO02 | 1.4nm,0.3s,slow=281,slow=11,SNR=16 | 7.34 185 | Sn | 04 13 16.4 | -1.0 | |
| SIV | San Ignacio | 7.75 78 | Pn | 04 12 00.7 | +0.4 | |
| SIV | 1.4nm,0.3s,slow=281,slow=11,SNR=16 | 7.75 78 | Sn | 04 13 26.0 | -0.9 | |
| AC02 | Marcungu | 8.99 181 | Pn | 04 12 16.3 | -0.8 | |
| PTLB | Pontes e Lacer | 9.69 77 | eP | Pn | 04 12 15.1 | -1.1 |
| PTLB | 0.5nm,0.1s,slow=11,SNR=10 | 9.69 77 | eS | Sn | 04 13 58.0 | -1.5 |
| VLB | Vilhena | 9.71 61 | eP | Pn | 04 12 13.0 | -1.3 |
| CZSB | Cruzzeiro do Su | 10.67 30 | eP | Pn | 04 12 30.9 | +8.1 |
| CFUP | Villa Florida | 10.70 130 | eP | Pn | 04 13 19.1 | +1.0 |
| CLDB | Colider | 14.48 63 | eP | Pn | 04 13 19.6 | -8.4 |
| MT02 | Curacav | 15.51 187 | Pn | 04 13 40.5 | -0.2 | |
| TRCB | Terra Rica | 16.08 111 | eP | Pn | 04 13 45.7 | -2.1 |
| ARAG | Araguiana, MT | 16.54 85 | eP | Pn | 04 13 49.2 | -4.0 |
| MACA | Macapuru-AM | 16.66 30 | eP | Pn | 04 13 47.9 | -6.6 |
| NPGB | Novo Progresso | 17.03 53 | eP | P | 04 13 53.0 | -5.6 |
| ITRB | Iturama | 17.70 99 | eP | P | 04 14 05.6 | -0.4 |
| SNDB | Serra Nova Dou | 18.01 74 | eP | P | 04 14 06.2 | -3.1 |
| ITAB | Concordia | 18.13 124 | eP | Pn | 04 14 14.4 | +2.2 |
| CPSP | Capacava Do Su | 18.88 134 | eP | Pn | 04 14 23.5 | +2.5 |
| PTGA | Pitanga | 19.13 28 | eP | P | 04 14 20.8 | -0.7 |
| PTGA | 1.3nm,0.3s,slow=315,slow=19,SNR=3.4 | 19.13 28 | Pn | 04 14 32.4 | +2.5 | |
| IPMB | Ipameri, GO | 19.73 94 | eP | Pn | 04 14 28.9 | +0.8 |
| BDFB | Brasilia | 20.16 87 | eP | Pn | 04 14 31.9 | -0.8 |
| BDFB | 2.3nm,0.5s,slow=263,slow=5,SNR=3.6 | 20.16 87 | P | 04 14 33.3 | +0.5 | |
| BDFB | Brasilia | 20.16 87 | Iamb | Iamb | 04 14 35.3 | |
| OTAV | Otavaio | 20.23 331 | eP | P | 04 14 35.1 | +1.2 |
| SPB | Sao Paulo | 20.92 110 | eP | Pn | 04 14 43.3 | -2.0 |
| PLCA | Paso Flores | 22.89 183 | P | P | 04 15 01.8 | +1.3 |
| PLCA | comp=Z, 0.8nm,0.7s,slow=1.2,slow=7.3,SNR=4.4 | 22.89 183 | P | 04 15 09.9 | +1.0 | |
| JANB | Januarja | 23.78 87 | eP | P | 04 15 15.5 | +2.3 |
| SDBA | SAO DESIDERIO | 24.01 80 | eP | P | 04 15 10.7 | +0.6 |
| MCBP | Mocimboa | 24.01 46 | eP | P | 04 15 10.7 | +0.6 |
| DBIC | Dimbokro | 67.76 75 | P | P | 04 20 52.9 | +1.2 |
| DBIC | comp=Z, 3.1nm,0.6s,slow=233,slow=5.5,SNR=8.4 | 67.76 75 | P | 04 20 52.5 | +0.8 | |
| ULM | Lac du Bonnet | 71.81 342 | P | P | 04 21 15.0 | -0.7 |
| ULM | comp=Z, 3.5nm,0.5s,slow=163,slow=7.9,SNR=7.5 | 71.81 342 | P | 04 21 14.8 | -0.8 | |
| ULM | Lac du Bonnet | 71.81 342 | Iamb | Iamb | 04 21 29.6 | |
| TORD | Torodi Ar, Beza | 76.17 71 | P | P | 04 21 42.8 | +1.0 |
| TORD | comp=Z, 1.1nm,0.6s,slow=258,slow=5.2,SNR=24 | 76.17 71 | P | 04 22 41.4 | +0.5 | |
| YKA | Yellowknife Ar | 87.71 341 | P | P | 04 22 41.4 | +0.5 |
| YKA | comp=Z, 0.4nm,0.6s,slow=131,slow=5.3,SNR=8.9 | 87.71 341 | P | 04 22 41.4 | +0.5 | |

WEL 30 04:17:17.3:44°S:1°17.2°E, h15km, 2km, M2.2/7, M2.3/7,
 ML2.2/7, Error ellipse: s-maj=0.0km s-min=0.0km
 az=120.1, South Island

| | | | | | |
|------|---------------------------|----------|----------|------------|-----------|
| Code | Station Name | Δ° AZ° | Phase ID | Time | Res |
| RACZ | Rakaia | 0.19 183 | Op | ISC | h m s ISC |
| RACZ | 0.1nm,0.1s,slow=11,SNR=10 | 0.19 183 | Pb | 04 17 23.2 | +0.7 |
| MOZ | McQueen's Vall | 0.40 115 | P | 04 17 26.6 | +0.5 |
| WDZ | Wakamit South | 0.47 209 | P | 04 17 25.3 | +0.9 |
| AKCZ | Akmerley | 0.51 46 | Pb | 04 17 28.2 | +0.3 |
| AKCZ | Akaroa Harbour | 0.64 122 | P | 04 17 31.2 | -0.6 |
| OKCZ | Okains Bay | 0.68 106 | P | 04 17 32.0 | -0.5 |
| LITZ | Lake Taylor | 0.76 7 | P | 04 17 31.7 | -0.4 |
| GVZ | Greta Valley S | 0.86 49 | P | 04 17 34.3 | +0.4 |
| INZ | Inchbonnie | 0.96 327 | P | 04 17 36.2 | 0.0 |
| WVZ | Waitaha Valley | 1.13 294 | P | 04 17 39.3 | +0.2 |
| ODZ | Otahua Downs | 1.86 215 | P | 04 17 53.5 | +0.6 |
| URZ | Urewera | 6.47 37 | P | 04 18 58.0 | +6.0 |

BJI 30 04:19:33.0:0.0, 28.70N:52.00E, h5km, mB5.3/57,
 mB5.3/74, M5.5/269, M5.7

| | | | | | | |
|-------|--------------------------------------------------|-------|-----|------|------|-----------------|
| ILAS | Lasjerd | 6.72 | 7 | ePn | Pn | 04 21 14.2 +0.1 |
| IBZA | Bozab | 6.72 | 303 | ePn | Pn | 04 21 13.9 -0.3 |
| ARQ | Arqai | 6.74 | 141 | P | Pn | 04 21 15.1 +0.8 |
| ARQ | HSN=92 | | | S | Sn | 04 22 30.7 -0.5 |
| HSB | Hasanabad | 6.74 | 355 | ePn | Pn | 04 21 13.0 -1.3 |
| IDMV | Damavand | 6.86 | 1 | ePn | Pn | 04 21 16.5 +0.4 |
| IRAZ | Razeghan | 6.90 | 346 | ePn | Pn | 04 21 17.2 +0.6 |
| IJALM | Almoloq | 6.93 | 333 | ePn | Pn | 04 21 17.6 +0.5 |
| IJANJ | Anjilo | 6.95 | 13 | ePn | Pn | 04 21 17.9 +0.6 |
| IFIR | Firoozkooch | 6.96 | 34 | ePn | Pn | 04 21 17.9 +0.6 |
| KCHF | Cheshme Sefid, | 6.96 | 324 | ePn | Pn | 04 21 17.9 +0.6 |
| KER | Kermanshah | 7.00 | 325 | ePn | Pn | 04 21 17.7 -0.2 |
| BSRN | Basiran | 7.01 | 61 | ePn | Pn | 04 21 20.2 +2.1 |
| BSRN | Basiran | 7.01 | 61 | ePn | Pn | 04 21 20.2 +2.1 |
| HOQ | Hogain | 7.02 | 135 | P | Pn | 04 21 18.7 +0.7 |
| TEH | Tehran | 7.04 | 356 | ePn | Pn | 04 21 19.2 +0.8 |
| IMHD | Mahdash | 7.05 | 352 | ePn | Pn | 04 21 18.8 +0.3 |
| IKOO | Kooshah | 7.13 | 57 | ePn | Pn | 04 21 21.4 +1.6 |
| ISHM | Shahmirzad | 7.18 | 9 | ePn | Pn | 04 21 21.5 +1.0 |
| ITEG | Tejag | 7.20 | 53 | ePn | Pn | 04 21 22.2 +1.6 |
| HSRG | Sareghieh | 7.23 | 335 | ePn | Pn | 04 21 21.0 -0.1 |
| IGHG | Ghaleghazi | 7.25 | 322 | ePn | Pn | 04 21 21.8 +0.4 |
| IVIS | Veis | 7.25 | 325 | ePn | Pn | 04 21 21.7 +0.4 |
| QABG | Abgarm-Qazvin | 7.27 | 345 | ePn | Pn | 04 21 21.1 -0.6 |
| ILVN | Lien | 7.51 | 327 | ePn | Pn | 04 21 24.8 -0.2 |
| NHDN | Nehbandan | 7.53 | 67 | ePn | Pn | 04 21 26.6 +1.5 |
| IPRN | Peran | 7.53 | 2 | ePn | Pn | 04 21 26.7 +1.5 |
| BIDO | Bidbid | 7.58 | 131 | P | Pn | 04 21 26.2 +0.4 |
| BSY | Bilsya | 7.59 | 140 | P | Pn | 04 21 26.8 +0.9 |
| IDHR | Dehrash | 7.63 | 323 | ePn | Pn | 04 21 26.5 0.0 |
| AFRZ | Afriz | 7.68 | 50 | ePn | Pn | 04 21 28.1 +0.8 |
| RAYN | Ar Rayn | 7.75 | 230 | P | Pn | 04 21 27.4 -0.7 |
| RAYN | Ar Rayn | 7.75 | 230 | Pn | Pn | 04 21 28.1 -5.0 |
| QALM | Alamut, Qazvin | 7.79 | 352 | ePn | Pn | 04 21 28.8 0.0 |
| IGZV | Ghazvin | 7.80 | 350 | ePn | Pn | 04 21 29.4 +0.0 |
| SMDO | Samad | 7.86 | 134 | P | Pn | 04 21 30.0 +0.3 |
| IDAH | Dahanechah | 7.92 | 57 | ePn | Pn | 04 21 34.4 +3.7 |
| IGLO | Ghaleghaz | 7.94 | 11 | ePn | Pn | 04 21 32.7 +1.8 |
| WSAR | Wadi Sarin | 8.21 | 131 | Pn | Pn | 04 21 33.0 0.0 |
| WSAR | comp=E, 9.3nm, 0.3s, baz=92, slow=9.5, SNR=90 | | | Sn | Sn | 04 23 00.7 -4.2 |
| WSAR | comp=E, 16nm, 0.3s, baz=150, slow=17, SNR=5.9 | | | LR | LR | 04 25 29.9 |
| QSDN | Sirdan | 8.13 | 344 | ePn | Pn | 04 21 33.3 -0.1 |
| CHBR | Chabahar | 8.21 | 110 | ePn | Pn | 04 21 32.6 -1.8 |
| JMDO | Jabal Madar | 8.40 | 137 | P | Pn | 04 21 37.5 +0.4 |
| IMND | Minoodasht | 9.02 | 18 | ePn | Pn | 04 21 44.8 -0.6 |
| SBZV | Sabzevar | 9.04 | 30 | ePn | Pn | 04 21 47.6 +1.7 |
| MHTO | MHTO | 9.43 | 143 | P | Pn | 04 21 51.7 +0.7 |
| MAHB | Mahabad | 9.61 | 328 | ePn | Pn | 04 21 52.8 -0.8 |
| IAKL | Akhtemad | 9.75 | 34 | ePn | Pn | 04 21 58.2 +0.5 |
| ISFR | Sfrayn | 9.76 | 30 | ePn | Pn | 04 21 58.1 +2.2 |
| IKRD | Kardeh | 9.77 | 33 | ePn | Pn | 04 22 05.8 +1.0 |
| ISRB | Sarab | 9.78 | 340 | ePn | Pn | 04 21 55.3 -0.8 |
| JRKH | Jarkhoshk | 10.11 | 43 | ePn | Pn | 04 22 02.7 +2.2 |
| IMYA | Miami | 10.27 | 40 | ePn | Pn | 04 22 05.1 +2.3 |
| HRS | Heris | 10.33 | 38 | ePn | Pn | 04 22 08.3 +0.2 |
| GEYT | Alibek | 10.55 | 28 | Pn | Pn | 04 22 08.6 +2.1 |
| GEYT | comp=E, 0.3nm, 0.3s, baz=196, slow=10, SNR=22 | | | Lg | Lg | 04 25 00.2 |
| GEYT | comp=E, 0.3nm, 0.3s, baz=186, slow=39, SNR=0.9 | | | LR | LR | 04 27 18.9 |
| AHAR | Ahar | 10.58 | 339 | ePn | Pn | 04 22 08.1 +1.1 |
| ITBZ | Tabriz | 10.67 | 335 | ePn | Pn | 04 22 08.4 +0.2 |
| IMRD | Mirard | 11.26 | 34 | ePn | Pn | 04 22 17.2 +1.0 |
| NAX | Nakhchivan | 11.74 | 335 | P | Pn | 04 22 24.1 -5.5 |
| GEVA | Gevas | 12.11 | 325 | Pn | Pn | 04 22 26.4 -1.6 |
| MARD | Mardin | 12.70 | 315 | Pn | Pn | 04 22 32.9 -3.1 |
| GANJ | Ganja | 12.78 | 340 | Pn | Pn | 04 22 38.3 +1.3 |
| GNI | Garni | 12.87 | 334 | Pn | Pn | 04 22 40.2 +1.9 |
| GNI | comp=E, 0.3nm, 0.3s, baz=92, slow=12, SNR=11 | | | LR | LR | 04 28 08.9 |
| GNI | Garni | 12.87 | 334 | iP | Pn | 04 22 38.8 +0.5 |
| GNI | Garni | 12.87 | 334 | Pn | Pn | 04 22 39.8 +1.5 |
| SEKA | Shoki | 13.07 | 34 | P | Pn | 04 22 32.0 0.0 |
| AKT | Akhty | 14.81 | 346 | ePn | Pn | 04 22 44.2 +1.3 |
| AKT | | | | eS | Sn | 04 25 15.7 +5.8 |
| AKT | comp=Z, 23nm, 0.9s | | | pmx | pmx | |
| AKT | comp=N, 13nm, 0.6s | | | smx | smx | |
| AKT | comp=E, 13nm, 0.8s | | | smx | smx | |
| ZKTA | Zakata | 13.62 | 343 | P | Pn | 04 22 51.1 +2.7 |
| GHAU | Ghor Haditha | 14.43 | 284 | Pn | Pn | 04 22 58.3 -1.1 |
| AKH | Akhalkakali | 14.44 | 334 | P | Pn | 04 22 58.7 -1.0 |
| AKH | Akhalkakali | 14.44 | 334 | Pn | Pn | 04 22 58.7 -1.0 |
| HMDT | Nahal Hemdat | 14.59 | 288 | Pn | Pn | 04 23 00.7 -1.0 |
| DSI | Dead Sea | 14.61 | 285 | Pn | Pn | 04 23 00.9 -1.1 |
| GEM | Giv'at Ha'Em | 14.67 | 292 | Pn | Pn | 04 23 02.1 -0.7 |
| MAK | Makhachkala | 14.68 | 347 | ePn | Pn | 04 23 01.9 -0.9 |
| MAK | | | | eS | Sn | 04 25 44.4 -1.1 |
| MAK | comp=Z, 298nm, 1.3s | | | MLR | MLR | |
| MAK | comp=Z, 1.1um, 8.0s | | | MLR | MLR | |
| ZFRI | Zfiri | 14.70 | 281 | Pn | Pn | 04 23 02.5 -0.7 |
| KOPT | Kop Dagi | 14.71 | 323 | Pn | Pn | 04 23 02.4 -1.2 |
| MMLI | Mount Malkishu | 14.71 | 289 | Pn | Pn | 04 23 03.0 -0.4 |
| HRFI | Mount Harif | 14.80 | 279 | Pn | Pn | 04 23 03.4 -1.2 |
| YTR | Yatir | 14.81 | 284 | Pn | Pn | 04 23 04.6 -0.3 |
| PRNI | Paran | 14.84 | 281 | Pn | Pn | 04 23 04.3 -0.8 |
| MMA0B | Mount Meron ar | 14.84 | 291 | Pn | Pn | 04 23 04.2 -1.0 |
| MMAI | Mount Meron Ar | 14.84 | 291 | Pn | Pn | 04 23 02.6 -2.6 |
| MMAI | comp=Z, 2.9nm, 0.3s, baz=98, slow=14, SNR=7.8 | | | Sn | Sn | 04 25 45.1 -4.7 |
| MMAI | comp=Z, 7.5nm, 0.3s, baz=117, slow=29, SNR=7.1 | | | Lg | Lg | 04 27 42.1 |
| MMAI | baz=142, slow=49, SNR=2.0 | | | LR | LR | 04 30 02.5 |
| EIL | Eilat | 14.88 | 278 | Pn | Pn | 04 23 05.6 0.0 |
| EIL | comp=Z, 1.0nm, 0.3s, baz=52, slow=5.9, SNR=7.2 | | | Sn | Sn | 04 25 53.1 +2.6 |
| EIL | comp=Z, 1.1nm, 0.3s, baz=60, slow=14, SNR=1.2 | | | Lg | Lg | 04 27 38.5 |
| EIL | comp=Z, 1.1nm, 0.3s, baz=75, slow=20, SNR=2.4 | | | Pn | Pn | 04 23 04.8 -0.8 |
| MBRI | Mt Beresh | 14.91 | 278 | Pn | Pn | 04 23 05.2 -0.9 |
| BLGI | Bet Lehem HaGe | 14.96 | 290 | Pn | Pn | 04 23 05.0 -1.7 |
| GAZ | Gashtelep | 14.97 | 308 | Pn | Pn | 04 23 06.8 0.0 |
| SLT | Sa'it | 14.99 | 288 | Pn | Pn | 04 23 06.0 -1.2 |
| AMAZ | Amatzia | 15.00 | 285 | Pn | Pn | 04 23 06.6 -0.7 |
| HNTI | Hanita | 15.04 | 291 | Pn | Pn | 04 23 06.5 -1.3 |
| KRMI | Karanita | 15.07 | 280 | Pn | Pn | 04 23 07.0 0.0 |
| OFRI | Ofer | 15.11 | 289 | Pn | Pn | 04 23 07.8 -0.9 |
| GROC | Groznyy | 15.30 | 343 | ePn | Pn | 04 23 12.4 +1.3 |
| GROC | comp=Z, 53nm, 1.1s | | | pmx | pmx | |
| GROC | comp=Z, 133nm, 7.0s | | | MLR | MLR | |
| ZEI | Tsey | 15.49 | 337 | ePn | Pn | 04 23 13.4 -0.5 |
| ZEI | comp=Z, 295nm, 1.3s | | | pmx | pmx | |
| KBL | Kabul | 15.68 | 64 | P | P | 04 23 19.4 -1.2 |
| DAMY | Dhamar | 15.70 | 208 | P | Pn | 04 23 13.5 -3.4 |
| DAMY | comp=Z, 94nm, 0.7s | | | IAMB | IAMB | 04 23 30.2 |
| SOCY | Socotra | 16.54 | 173 | Pn | Pn | 04 23 15.8 -1.2 |
| KBZ | Khabaz | 16.66 | 337 | Pn | Pn | 04 23 30.1 -1.0 |
| KBZ | comp=Z, 0.8nm, 0.3s, baz=137, slow=8.1, SNR=34 | | | Sn | Sn | 04 26 34.5 +0.7 |
| KBZ | comp=Z, 0.1nm, 0.3s, baz=243, slow=17.8, SNR=1.0 | | | LR | LR | 04 30 58.9 |
| BHUJ | Bhuj | 16.82 | 105 | ePn | P | 04 23 32.0 -1.0 |
| BHUJ | comp=Z, 990nm, 19.6s, baz=154, slow=41 | | | IAMB | IAMB | 04 23 36.1 |
| KVAR | Kislovodsk Arr | 16.93 | 337 | Pn | Pn | 04 23 34.4 +0.3 |
| KVAR | comp=Z, 106nm, 0.8s | | | IAMB | IAMB | 04 23 36.1 |
| KIV | Kislovodsk | 16.94 | 337 | ePn | Pn | 04 23 32.9 +0.6 |
| KIV | comp=Z, 106nm, 1.0s | | | MLR | MLR | |

| | | | | | | |
|-------|-------------------------------------------------|-------|-----|------|------|-----------------|
| KIV | comp=Z, 787nm, 18.0s | | | MLR | MLR | |
| KIV | Kislovodsk | 16.94 | 337 | iAMB | IAMB | 04 23 32.6 +0.3 |
| CSS | Mathiatis | 16.99 | 296 | P | Pn | 04 23 32.5 -0.5 |
| TOKA | Tokat | 17.20 | 316 | P | Pn | 04 23 34.6 -1.0 |
| IHW | Thamme Wali | 17.50 | 72 | P | Pn | 04 23 38.8 -0.8 |
| GOF | Gofitsko | 17.79 | 339 | eS | Pn | 04 23 42.6 -0.3 |
| GOF | comp=Z, 161nm, 1.1s | | | pmx | pmx | 04 27 06.9 -1.3 |
| GOF | comp=N, 158nm, 1.3s | | | smx | smx | |
| GOF | comp=E, 219nm, 1.5s | | | smx | smx | |
| SOC | Sochi | 17.80 | 330 | eP | Pn | 04 23 42.5 -0.5 |
| SOC | comp=Z, 136nm, 1.1s | | | e | pmx | 04 27 02.4 |
| SOC | comp=Z, 1um, 12.0s | | | MLR | MLR | |
| SARC | Sargodha | 18.18 | 75 | P | Pn | 04 23 46.4 -1.4 |
| BRTR | Keakin Array B | 18.67 | 311 | P | P | 04 23 53.5 -0.1 |
| BRTR | comp=Z, 2.5nm, 0.3s, baz=133, slow=11, SNR=48 | | | S | S | 04 27 24.4 +1.6 |
| BRTR | comp=Z, 0.1nm, 0.3s, baz=131, slow=18, SNR=1.6 | | | ScP | ScP | 04 31 56.9 -0.8 |
| BRTR | comp=Z, 0.2nm, 0.3s, baz=134, slow=5.4, SNR=5.0 | | | LR | LR | 04 33 05.4 |
| BRTR | comp=Z, 1um, 18.4s, baz=132, slow=44 | | | iP | Pn | 04 23 54.0 +0.1 |
| BRTR | comp=Z, 26nm, 0.8s | | | pmx | pmx | |
| BR131 | Keakin Array S | 18.68 | 311 | iP | P | 04 23 53.4 -0.2 |
| NIL | Nilore | 18.88 | 70 | P | P | 04 23 55.6 -0.2 |
| NIL | comp=Z, 69nm, 0.8s | | | pmx | pmx | |
| NIL | Nilore | 18.88 | 70 | P | P | 04 23 55.6 -0.2 |
| ATD | Arta Tunnel | 19.08 | 208 | P | Pn | 04 23 59.4 +0.5 |
| ATD | comp=Z, 1.0nm, 0.3s, baz=28, slow=6.8, SNR=19 | | | S | S | 04 27 41.1 +6.4 |
| ATD | comp=Z, 1.6nm, 0.3s, baz=106, slow=20, SNR=1.2 | | | Lg | Lg | 04 29 51.7 |
| BTK | Batken | 19.23 | 49 | P | P | 04 23 59.2 -0.3 |
| BTK | comp=Z, 49nm, 0.9s | | | pmx | pmx | |
| BRK | Batken | 19.23 | 49 | P | P | 04 23 59.2 -0.3 |
| DKK | Karamyk | 19.61 | 52 | P | IAMB | 04 24 03.2 -0.8 |
| TRK | comp=Z, 48nm, 0.3s | | | IAMB | IAMB | 04 24 21.9 |
| DEND | Ethiopian Broa | 19.68 | 213 | eP | Pn | 04 24 07.0 +1.0 |
| TEND | ANN | 19.79 | 328 | eS | PcP | 04 28 25.0 +1.2 |
| ANN | Anapa | 19.79 | 328 | eP | Pn | 04 24 09.0 +2.0 |
| IUG | Iuzhnyy | 19.88 | 43 | eP | P | 04 24 07.3 +0.6 |
| IUG | comp=Z, 58nm, 1.1, baz=42 | | | pmx | pmx | |
| IUG | Iuzhnyy | 19.88 | 43 | eP | Pn | 04 24 07.3 +0.6 |
| ELL | Elmali | 20.17 | 299 | P | P | 04 24 10.0 +0.1 |
| ELL | comp=Z, 356nm, 0.7s | | | pmx | pmx | |
| ELL | Elmali | 20.17 | 299 | P | P | 04 24 10.0 +0.1 |
| AKAS | AKAS | 20.26 | 297 | P | P | 04 24 11.0 +0.1 |
| BRLS | Boroday | 20.31 | 40 | eP | P | 04 24 09.1 -2.2 |
| BRLS | comp=Z, 59nm, 1.0s, baz=42 | | | pmx | pmx | |
| BRLS | Boroday | 20.31 | 40 | eP | Pn | 04 24 09.1 -2.2 |
| MDUB | Mudurut | 20.67 | 310 | P | P | 04 24 15.9 +0.6 |
| KKAR | Karatay Array | 20.74 | 41 | P | P | 04 24 16.0 0.0 |
| KKAR | comp=Z, 129nm, 1.0s | | | pmx | pmx | |
| KKAR | Karatay Array | 20.74 | 41 | P | IAMB | 04 24 16.0 0.0 |
| KKAR | comp=Z, 129nm, 0.9s | | | IAMB | IAMB | 04 24 19.2 |
| DESE | Deese | 20.94 | 216 | iP | Pn | 04 24 20.7 -0.4 |
| DESE | Deese | 20.94 | 216 | iS | Sn | 04 28 21.7 +3.7 |
| DZA | Taraz | 21.10 | | | | |

1431

Table with columns for station code, name, frequency, and signal strength. Includes stations like KMI, WOL, NANT, NZVI, etc.

2014 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like LSZ, MTE, HHC, etc.

30d 4h

Table with columns for station code, name, frequency, and signal strength. Includes stations like DL2, DBIC, DBG, etc.

30d 5h

Table of station data for the 30-day period, including station names like Tymooskoe, Tuleg, Eureka, etc., and their associated coordinates and parameters.

2014 DEC

Main table of station data for December 2014, listing stations such as KTH, MCK, PPLA, RND, etc., with their respective codes and parameters.

1432

Table of station data for the 1432-day period, including stations like LBTB, AHB, KAZI, etc., and their associated coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like GUMO Guam, WRA Warrungarra Arr, ASAR Alice Springs, LEM Lembang, MKAR Makanchi Array.

IDC 30 06:10:25.1±3.8, 4.62S; 153.39E, h181km, 26km, mb3.4/6, mb1 3.77, mb1mx3.5/28, mbtmp3.97, MS3.4/1, Ms1 3.4/1, ms1mx2.4/29, Error ellipse: s-maj=43.0km s-min=19.5km az=98.0

ISC 30 06:10:25.1±1.1, 4.6S±0.1; 153.5E±0.1, h85km, n11, s193/13, mb3.6/6, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like KRVT Keravat (AS076), PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, KLR Kul'dur, SONM Songoing Array, VANDA Vanda, MKAR Makanchi Array, ZALV Zalesovo Beam, TORD Torodi Arr.

PRE 30 06:20:14.6±1.0, 24.06S; 26.54E, h5km, ML3.6

ISC 30 06:20:16.2±3.6, 24.18S; 0.06±26.59E±0.05, h7km, 27km, n20, s167/28, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like LBTB Lobatse, KSR Koster, KLOF Kloof, WDM Western Deep, ERPM east rand prop, PRYS Parys, MSNA Messina, MATP Matopo, UPI Upington, SOE Somerset East, LSZ Lusaka, TSUM Tsumeb.

WEL 30 06:32:52.6, 44°S; 2°17'2E, h12km±2km, M2.5/10, ML2.6/10, MLV2.5/10, Error ellipse: s-maj=0.0km s-min=0.0km az=173.8, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like RACZ Rakaia, MHCZ Mount Hutt, WACZ Wakanui South, MQZ McQueen's Vall, ARZ Arundel, AMCZ Amberley, AKCZ Akaroa Harbour, OKCZ Okains Bay, LTZ Lake Taylor, INCZ Inchbonnie, WVZ Waitaha Valley, GVZ Greta Valley S, LBZ Lake Benmore, FOZ Fox Glacier, KHZ Kahurangi, ORZ Otahua Downs, MDZ Mangatiana R.

TEH 30 06:33:13.3, 28°77N; 51.94E, h9km, ML3.6

THR 30 06:33:15.1±0.3, 29.24N; 51.64E, h16km, 3km, ML3.4

IDC 30 06:33:44.7±3.9, 28.66N; 52.03E, h34km, 10km, mb3.0/5, mb1 3.0/6, mb1mx2.8/42, mbtmp3.7/6, Error ellipse: s-maj=50.5km s-min=21.0km az=157.0

ISC 30 06:33:13.5±0.9, 28.75N; 0.06±51.91E±0.05, h10km, n31, s186/32, mb3.7/6, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like KAZI Kazerun, QIR1 Qir, QIR2 Qir, QIR3 Qir, SHI Shiraz, JHRM Jahrom, LMD1 Lamerd.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like IRAM Ramesseh, ISAD Sadrab, IMEH Mehraz, IPIR Pirpir, ICHK Chkchek, IASN Asnan, IZEF Zefreh, SHGR Shooshtar-Gavs, KHGB Koh Gabri, YZKH Yazd, NKRK Nargaz Kerman, KRBR Kerman, IKLH Kolahrood, ANAR Anarak, KRSH Karshahi, HSAM Samen, TNSJ Nاستان, TKDS Kojadasht(Taba), IGHG Galeghazi, BRTR Keskin Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINESS Array B, GTA Gattai, NOA NORSTAR Array B, TORD Torodi Arr.

IDC 30 06:33:20.6±0.8, 18.60N; 145.55E, h196km, 7km, M4.0/27, mb1 4.1/31, mb1mx3.9/48, mbtmp4.5/31, MS2.7/2, Ms1 2.8/2, ms1mx2.4/35, Error ellipse: s-maj=13.7km s-min=7.5km az=90.0

NEIC 30 06:33:21.5±1.1, 18.63N; 0.08±145.8E±0.1, h20km, 7km, ms1 6.9/7, Error ellipse: s-maj=17.4km s-min=10.8km az=104.0

ISC 30 06:33:21.2±0.4, 18.61N; 0.05±145.62E±0.09, h200km, n129, s98/123, mb4.5/69, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like GUMO Guam, GUMU Gumm, GUMU Gumm, GUMU Gumm, JCHJ Chichijima, JHJ Hachiojima, JGF Kuroka, JGT Wachi, MJAR Matsushiro, MAJO Matsushiro, MAJO Matsushiro, JMU Matsushiro, JMM Maroon, JAY Jayapura, JTM Tenmabayashi, JEW Eniwu, JFAK Fak Fak, JKA Kamikawa-asahi, ASAJ Asahikawa, NJJ Nanjing, PMG Port Moresby, KLR Kul'dur, MTN Manton Dam, PEAB Petropavlovsk, PETK Petrozavovsk, SBUM Sibiu, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, CTAO Charters Tower, WBO Warrungarra Arr, WRO Warrungarra Arr, WBE Warrungarra Arr, W82 Warrungarra Arr, WRA Warrungarra Arr, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, FITZ Fitzroy Crossi, AMKA Amchitka, SONM Songoing Array, AS31 Alice Springs, ASAR Alice Springs, AIDR Aidsvold, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ADK Adak, SEY Seymchan, YAK Yakutsk, YAK Yakutsk, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, PSAO Pilbara Seismi, STKA Stephens Creek, UNV Unalaska Valley, UNV Unalaska Valley.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Includes stations like AKUT Akutan, FORT Forrest, BBOO Buckleboe, BBOO Buckleboe, WMQ Urumqi, WMQ Urumqi, SDDP Sand Point, MORW Morwa, ANM Nome, ANM Nome, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, OHAK Old Harbor, TTA Talatina, KDAK Kodiak Island, KDAK Kodiak Island, CNPM China Pool, PPKP Pukekape, SKT Skwentna, SKT Skwentna, SUA Susitna One, SUA Susitna One, KURK Kurchatov, SEAW Seward, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, NRIK Nori'sk, BPWA Bear Paw Mtn, BPWA Bear Paw Mtn, PMR Palmer, PMR Palmer, GHO Glory Hole Cre, GHO Glory Hole Cre, SML Sawmill, RND Reindeer, BOM Boomskeye ush, BOM Boomskeye ush, I23K Milto, Yukon-K, SCM Sheep Creek Mo, COLD Coldfoot, FID Fort Fidalgo, WRH Wood River Hill, WRH Wood River Hill, MDM Murphy Dome, CCB Clear Creek Bu, CCB Clear Creek Bu, TOLK Toolik Lake Re, TOLK Toolik Lake Re, ILAR Eielson Array, ILAR Eielson Array, PAX Paxson, BRVK Borovoye, KAW Karatay Array, DKAR Darwin, HYT Haines Junction, HYT Haines Junction, INK Inuvik, INK Inuvik, DLBC Dease Lake, DLBC Dease Lake, C36M Paulatuk, C36M Paulatuk, ABKAR Abkuduk array, EUNU Eureka, YKA Yellowknife Arr, YKA Yellowknife Arr, LTY Liberty, RES Resolute Bay, RES Resolute Bay, RES Resolute Bay, B08A Colville Reser, B08A Colville Reser, PINE Pine Mountain, PINE Pine Mountain, HAWA Hanford, K05A Summer Lake, NEW New, BEKR Beckworth, PNTR Pine Nut, PNTR Pine Nut, WAKR Walker, ARCES ARCES Array B, RYAN Ryan, RYAN Ryan, MFID Camas Ranch, ELK Elko, BCYI Bear Canyon, TPNV Topopah Spring, BOZ Bowen, HVU Hansel Valley, DUG Dugway, DUG Dugway, FINES FINESS Array B, FFC Filon, CCUT Cedar City, KNB Kanab, PDAR Pinedale Array, SRU San Rafael Swe, PV20 West Nyswonger, PV20 West Nyswonger, PV16 Nyswonger Mesa, PV03 Paradox Valley, PV12 Saucer Basin, TXAR Lajitas Array, LPAZ La Paz.

30d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLWY Bulawayo, IS3NA TSUMEB INFRASO12.0 299.

JMA 30 10:23:08.8, 39:07N; 140:89E, h9km, 1km, M4.2
Broadband fault plane solution: P waves. NP1:
phi=21.00000, lambda=3.00000, lambda85.00000. NP2: phi=207.00000,

JMA Felt III J1.
NIED 30 10:23:08.8, 39:07N; 140:89E, h9km, MW4.2, Moment
Tensor Solution. s3 Moment tensor: Scale 1015Nm;

MOS 30 10:23:10.7, 1.0, 39:08N; 141:00E, h38km, mb4.7/19 Error
ellipse: s-maj=8.8km s-min=5.2km az=84.6

NEIC 30 10:23:13.2, 2.0, 39:07N; 140:87E; 0.08, h40km, 6km,
mb4.4/14, Error ellipse: s-maj=8.7km s-min=6.8km

IDC 30 10:23:13.8, 1.4, 39:07N; 140:79E, h46km, 13km, mb3.9/19,
mb1.4, 1/25, mb1mx3.9/57, mbtmp4.1/25, ML3.4/6, MS3.2/13,

ISC 30 10:23:09.1, 1.0, 39:08N; 140:93E; 0.03, h12km, 6km,
N122, s141/131, mb4.4/42, MS3.2/7, 9C-20D, Eastern

Main station list table for the 30d 10h period, including stations like JMK Ichinoseki, JRG Kokuyo, JYK Kaneyama, etc.

2014 DEC

Main station list table for the 2014 DEC period, including stations like KLR Kul'dur, ZEA Zeya, PETP Petropavlovsk, etc.

1438

Main station list table for the 1438 period, including stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

MS3.6
NEIC 30 11:54:18.2,0.5,5.8N;0.08x126.6E;0.1,1.77km,9.6km,
mb4.2/10,Error ellipse: s-maj=21.3km s-min=9.1km
az=70.0

ISC 30 11:54:16.6,0.5,5.8N;0.07x126.48E;0.08,h66km,n39,
a=142/42,mb4.2/15,1C,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Don Marcelino, Davao City (W), etc.

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

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

ISC 30 12:10:28.6,0.5,9.93N;126.32E,h0km,mb4.3/31,
mb1.4,3/31,mb1mx4.2/57,mbtmp4.3/31,Error ellipse:
s-maj=20.6km s-min=10.2km az=70.0

MAN 30 12:10:34.8,9.84N;126.30E,h20km,mb4.7,ML3.5,MS3.5
NEIC 30 12:10:40.6,1.4,9.91N;0.07x126.4E;0.1,1.98km,9.6km,
mb4.5/23,Error ellipse: s-maj=18.5km s-min=9.7km
az=83.0

ISC 30 12:10:29.4,1.5,10.00N;0.03x126.41E;0.05,h3km,9.6km,
n95,r156/97,mb4.3/40,3C-1D,Philippine Islands
region

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

ISC 30 12:11:30.6,0.4,9.82N;126.14E,h0km,mb4.8/44,
mb1.4,8/46,mb1mx4.7/59,mbtmp4.8/46,ML4.1/2,MS4.0/6,
Ms1.4,0.6,ms1mx3.6/28,Error ellipse: s-maj=14.5km
s-min=8.4km az=77.0

MAN 30 12:11:37.4,9.87N;126.46E,h47km,mb5.8,ML4.8,MS5.2
DJA 30 12:11:37.0,0.6,6.1N;144.7E;h55km,9.6km,MS.1/52,
mb4.9/52,mb5.5/11,MLv5.4/1,Mw(MB)5.0/11
NEIC 30 12:11:39.3,2.0,9.87N;0.07x126.3E;0.1,1.70km,9.6km,
mb4.9/38,Error ellipse: s-maj=14.9km s-min=10.3km
az=83.0

Bull 30 12:11:40.2,0.0,9.83N;126.29E,h95km,mb4.9/38,
mb4.8/61

ISC 30 12:11:38.7,0.6,9.86N;0.03x126.39E;0.05,h62km,5.6km,
n235,r163/248,mb4.8/100,3C-4D,Mindanao

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

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

30d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like CM04 Chiang Mai Arr, CM01 Chiang Mai Arr, etc.

2012 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like NWA0 Narrogin (SRO), NWA0 Narrogin (SRO), etc.

1442

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like GERES GERESS Array B, TXAR Lajitas Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

30d 13h

| | | | | |
|------|----------------|----------|-----|-----------------|
| YOJ | baz=156 | S | Sn | 13 51 13.9 +0.6 |
| YOJ | baz=156 | P | Pn | 13 51 00.0 +0.7 |
| YOJ | Yonaguni jima | 0.48 147 | S | 13 51 13.3 +0.5 |
| YOJ | Yonaguni jima | 0.48 147 | P | 13 50 59.8 +0.5 |
| YOJ | Yonaguni jima | 0.48 147 | Sn | 13 51 12.7 -0.6 |
| TWB1 | Santiao Chiao | 0.68 282 | i/P | 13 51 01.4 +0.9 |
| TWB1 | baz=279 | S | Sn | 13 51 15.8 +0.2 |
| NTC | Toucheng | 0.81 269 | eP | 13 51 02.4 +0.9 |
| NTC | baz=265 | eS | Sn | 13 51 17.0 -0.3 |
| TIPB | Shuangxi | 0.82 278 | i/P | 13 51 02.7 +1.1 |
| TIPB | baz=270 | S | Sn | 13 51 17.8 +0.3 |
| TWC | Suao | 0.83 252 | P | 13 51 02.4 +0.7 |
| NWF | Wu-fen Shan | 0.88 284 | i/P | 13 51 03.3 +1.0 |
| NWF | baz=282 | eS | Sn | 13 51 19.7 +1.1 |
| WFSB | Wu-fen Shan | 0.88 284 | i/P | 13 51 03.3 +1.1 |
| WFSB | baz=281 | S | Sn | 13 51 19.0 +0.6 |
| ENAH | Nanao | 0.93 244 | eP | 13 51 03.5 +0.9 |
| ENAH | baz=237 | eS | Sn | 13 51 19.1 0.0 |
| PCYT | Pengchayiu | 0.96 322 | i/P | 13 51 04.2 +1.3 |
| PCYT | baz=321 | eS | Sn | 13 51 20.9 +1.1 |
| TWE | Neicheng | 0.97 262 | i/P | 13 51 03.8 +0.9 |
| TWE | baz=254 | eS | Sn | 13 51 20.1 +0.3 |
| ENA | Nanau | 0.99 244 | i/P | 13 51 04.2 +1.1 |
| ENA | baz=237 | eS | Sn | 13 51 20.5 +0.3 |
| IRIF | Iriomote-Funau | 1.06 120 | P | 13 51 04.5 +0.7 |
| IRIF | baz=237 | S | Sn | 13 51 22.1 +0.7 |
| ENTT | Nioudou | 1.07 258 | i/P | 13 51 05.1 +1.2 |
| YM08 | YM08 | 1.07 288 | P | 13 51 04.8 +0.8 |
| YM08 | baz=286 | eS | Sn | 13 51 22.9 +1.1 |
| YM01 | YM01 | 1.08 285 | i/P | 13 51 05.2 +1.2 |
| YM01 | baz=283 | eS | Sn | 13 51 22.7 +0.9 |
| YM11 | YM11 | 1.08 286 | eP | 13 51 05.5 +1.4 |
| YM11 | baz=284 | eS | Sn | 13 51 22.0 0.0 |
| YM05 | YM05 | 1.09 286 | P | 13 51 05.1 +0.9 |
| YM05 | baz=284 | eS | Sn | 13 51 22.6 +0.5 |
| NHHD | Xindian Distri | 1.09 275 | i/P | 13 51 05.3 +1.2 |
| NHHD | baz=265 | eS | Sn | 13 51 21.8 -0.1 |
| YM10 | YM10 | 1.09 286 | i/P | 13 51 05.3 +1.1 |
| YM10 | baz=284 | eS | Sn | 13 51 23.2 +1.1 |
| TWY | Chenhua | 1.09 292 | i/P | 13 51 05.4 +1.3 |
| TWY | baz=290 | eS | Sn | 13 51 22.6 +0.6 |
| NWLT | Wulai | 1.11 266 | i/P | 13 51 05.2 +0.9 |
| NWLT | baz=264 | eS | Sn | 13 51 22.2 -0.2 |
| YM03 | YM03 | 1.11 287 | i/P | 13 51 05.7 +1.2 |
| YM03 | baz=284 | eS | Sn | 13 51 23.5 +1.0 |
| TATO | Taipei | 1.12 276 | i/P | 13 51 05.5 +1.0 |
| TATO | baz=266 | eS | Sn | 13 51 22.0 -0.5 |
| TATO | Taipei | 1.12 276 | P | 13 51 05.3 +0.9 |
| NDT | Datong Townshi | 1.13 257 | P | 13 51 06.3 +1.8 |
| NDT | baz=251 | eS | Sn | 13 51 23.6 +1.0 |
| ANP | Anpu | 1.13 287 | i/P | 13 51 05.9 +1.3 |
| ANP | baz=285 | eS | Sn | 13 51 23.3 +0.4 |
| BACT | New Taipei Cit | 1.17 277 | eP | 13 51 05.4 +0.5 |
| BACT | baz=268 | eS | Sn | 13 51 23.4 +0.1 |
| NTST | Danshui | 1.19 285 | eP | 13 51 06.7 +1.6 |
| NTST | baz=283 | eS | Sn | 13 51 24.4 +0.7 |
| TWS1 | Kuangyinshan | 1.20 281 | i/P | 13 51 06.6 +1.4 |
| TWS1 | baz=280 | eS | Sn | 13 51 24.7 +0.7 |
| NACB | Ninganchiao | 1.23 236 | i/P | 13 51 06.1 +0.4 |
| NACB | baz=230 | eS | Sn | 13 51 22.9 -1.7 |
| NACB | Ninganchiao | 1.23 236 | P | 13 51 06.0 +0.4 |
| YHNB | Yeheng | 1.24 261 | i/P | 13 51 06.9 +1.2 |
| YHNB | baz=259 | eS | Sn | 13 51 25.1 +0.3 |
| YHNB | Yeheng | 1.24 261 | P | 13 51 06.5 +0.8 |
| NSK | Sanguang | 1.25 262 | i/P | 13 51 07.1 +1.2 |
| NSK | baz=260 | eS | Sn | 13 51 25.0 0.0 |
| HATJ | Hateruma jima | 1.28 129 | P | 13 51 07.2 +1.2 |
| HATJ | baz=129 | S | Sn | 13 51 26.5 +1.2 |
| TWD | Chiawan | 1.29 233 | eP | 13 51 06.7 +0.5 |
| TWD | baz=227 | eS | Sn | 13 51 25.2 -0.4 |
| NNSB | Datong | 1.29 251 | i/P | 13 51 07.6 +1.2 |
| NNSB | baz=244 | eS | Sn | 13 51 25.5 -0.4 |
| NNSH | Datong | 1.29 251 | i/P | 13 51 07.6 +1.2 |
| NNSH | baz=244 | eS | Sn | 13 51 26.4 +0.6 |
| NNS | Nan Shan | 1.30 251 | i/P | 13 51 07.6 +1.2 |
| NNS | baz=243 | eS | Sn | 13 51 25.8 -0.2 |
| NTY | Taoyuan | 1.30 276 | eP | 13 51 07.3 +1.1 |
| NTY | baz=270 | eS | Sn | 13 51 28.0 +2.3 |
| ETLH | Xiulin Townshi | 1.30 240 | i/P | 13 51 07.2 +0.7 |
| ETLH | baz=234 | eS | Sn | 13 51 25.3 -0.8 |
| JKRS | Kuro-shima | 1.33 118 | P | 13 51 07.8 +1.2 |
| JKRS | baz=118 | S | Sn | 13 51 27.3 +0.9 |
| HWA | Hwalien | 1.35 229 | P | 13 51 07.5 +0.7 |
| HWA | baz=223 | eS | Sn | 13 51 27.3 +0.6 |
| JIJ | Ishigaki jima | 1.39 111 | P | 13 51 08.0 +0.7 |
| JIJ | baz=111 | S | Sn | 13 51 27.2 -0.3 |
| NCU | National Centr | 1.40 275 | eP | 13 51 08.8 +1.5 |
| NCU | baz=273 | eS | Sn | 13 51 29.6 +1.9 |
| NCUH | Zhongli | 1.40 274 | P | 13 51 08.3 +1.0 |
| NCUH | baz=273 | eS | Sn | 13 51 29.8 +2.1 |
| JISG | Ishigakijimahi | 1.47 101 | P | 13 51 09.0 +0.8 |
| JISG | baz=101 | S | Sn | 13 51 29.2 0.0 |

2014 DEC

| | | | | | |
|-------|----------------|----------|-----|-----------------|-----------------|
| FUSS | Fushou | 1.48 246 | P | Pn | 13 51 09.9 +1.4 |
| FUSS | baz=240 | eS | Sn | 13 51 30.0 +0.3 | |
| WHF | Heiban Shan | 1.51 242 | i/P | Pn | 13 51 10.1 +1.0 |
| WHF | baz=236 | eS | Sn | 13 51 30.2 -0.4 | |
| TDCB | Techi | 1.55 247 | i/P | Pn | 13 51 10.9 +1.7 |
| TDCB | baz=239 | S | Sn | 13 51 31.1 +0.2 | |
| HSN1 | Hsinchu | 1.55 267 | eP | Pn | 13 51 10.3 +1.3 |
| HSN1 | baz=257 | eS | Sn | 13 51 31.4 +0.7 | |
| LI0B | Emei | 1.56 262 | i/P | Pn | 13 51 10.5 +1.2 |
| LI0B | baz=261 | eS | Sn | 13 51 31.3 +0.2 | |
| ESL | Shiilin | 1.57 229 | eP | Pn | 13 51 09.7 +0.3 |
| ESL | baz=223 | eS | Sn | 13 51 30.5 -0.8 | |
| SBCB | Hsinchu | 1.58 268 | P | Pn | 13 51 10.5 +1.1 |
| SBCB | baz=257 | eS | Sn | 13 51 32.1 +0.8 | |
| NSST | Nanjiang | 1.58 262 | i/P | Pn | 13 51 10.4 +1.0 |
| NSST | baz=260 | S | Sn | 13 51 31.4 0.0 | |
| HSN | Hsinchu | 1.59 268 | i/P | Pn | 13 51 10.5 +0.9 |
| HSN | baz=258 | eS | Sn | 13 51 31.5 -0.1 | |
| CHGB | Renai | 1.62 241 | i/P | Pn | 13 51 11.6 +1.5 |
| CHGB | baz=233 | eS | Sn | 13 51 32.6 0.0 | |
| EGFH | Guangfu | 1.68 225 | i/P | Pn | 13 51 11.2 +0.6 |
| EGFH | baz=220 | eS | Sn | 13 51 32.8 -0.6 | |
| WHP | Taichung City | 1.72 250 | i/P | Pn | 13 51 13.1 +1.9 |
| WHP | baz=257 | S | Sn | 13 51 35.2 +0.8 | |
| NMLH | Miaoli | 1.78 260 | eP | Pn | 13 51 13.1 +1.2 |
| NMLH | baz=258 | eS | Sn | 13 51 36.6 +1.0 | |
| HGSD | Ruisui | 1.81 221 | i/P | Pn | 13 51 12.9 +0.8 |
| HGSD | baz=220 | eS | Sn | 13 51 35.9 -0.2 | |
| JTJ | Tarama | 1.82 97 | P | Pn | 13 51 13.5 +1.3 |
| JTJ | baz=97 | S | Sn | 13 51 36.5 +0.2 | |
| WFL | Puli Township | 1.82 242 | i/P | Pn | 13 51 14.2 +2.0 |
| WFL | baz=238 | eS | Sn | 13 51 37.4 +1.1 | |
| DPDB | Guoxing | 1.83 243 | i/P | Pn | 13 51 14.7 +2.2 |
| DPDB | baz=237 | eS | Sn | 13 51 38.5 +1.8 | |
| NSY | Sanyi | 1.84 256 | i/P | Pn | 13 51 14.2 +1.7 |
| NSY | baz=255 | eS | Sn | 13 51 38.0 +1.1 | |
| TWQ1 | Liyutan | 1.84 254 | i/P | Pn | 13 51 13.9 +1.3 |
| TWQ1 | baz=252 | eS | Sn | 13 51 37.5 +0.5 | |
| EHY | Hungye | 1.86 224 | i/P | Pn | 13 51 12.9 +0.1 |
| EHY | baz=222 | eS | Sn | 13 51 35.1 -2.2 | |
| SSLB | Suanguang | 1.94 237 | i/P | Pn | 13 51 15.0 +1.3 |
| SSLB | baz=232 | eS | Sn | 13 51 38.7 -0.3 | |
| SSLB | Suanguang | 1.94 237 | i/P | Pn | 13 51 14.8 +1.1 |
| YULB | Yu-li | 1.96 222 | i/P | Pn | 13 51 14.1 +0.1 |
| YULB | baz=227 | eS | Sn | 13 51 37.4 -2.1 | |
| YULB | Yu-li | 1.96 222 | P | Pn | 13 51 14.0 +0.1 |
| WDJ | Dajia District | 1.96 255 | P | Pn | 13 51 15.5 +1.6 |
| WDJ | baz=254 | S | Sn | 13 51 39.8 +0.3 | |
| EYUL | Yuli | 1.98 221 | P | Pn | 13 51 15.0 +0.8 |
| EYUL | baz=228 | eS | Sn | 13 51 39.1 -0.8 | |
| TWF1 | Yuli | 1.99 221 | i/P | Pn | 13 51 14.6 +0.3 |
| TWF1 | baz=227 | eS | Sn | 13 51 39.0 -1.2 | |
| TCU | Taichung | 1.99 249 | eP | Pn | 13 51 15.8 +1.5 |
| TCU | baz=248 | eS | Sn | 13 51 41.9 +1.7 | |
| WHYT | Xinyi Township | 2.06 236 | i/P | Pn | 13 51 17.6 +2.3 |
| WHYT | baz=230 | S | Sn | 13 51 44.3 +2.5 | |
| WNT1 | Nantou City | 2.09 243 | P | Pn | 13 51 17.3 +1.8 |
| WNT1 | baz=242 | eS | Sn | 13 51 43.5 +1.2 | |
| WJS | Zhushan | 2.09 241 | P | Pn | 13 51 17.8 +2.2 |
| WJS | baz=246 | eS | Sn | 13 51 45.5 +3.2 | |
| WNT | Mingjian | 2.10 243 | eP | Pn | 13 51 17.5 +1.8 |
| WNT | baz=241 | eS | Sn | 13 51 43.9 +1.4 | |
| FULB | Fuli | 2.11 218 | P | Pn | 13 51 16.6 +0.8 |
| FULB | baz=213 | eS | Sn | 13 51 42.4 -0.4 | |
| YUS | Yu-Shan | 2.12 230 | i/P | Pn | 13 51 17.7 +1.3 |
| YUS | baz=223 | eS | Sn | 13 51 44.2 +0.5 | |
| WCHH | Zhanghua | 2.12 249 | P | Pn | 13 51 17.4 +1.1 |
| WCHH | baz=247 | eS | Sn | 13 51 43.5 +0.6 | |
| CHKT | Chengkung | 2.15 215 | P | Pn | 13 51 16.7 +0.4 |
| CHKT | baz=209 | eS | Sn | 13 51 42.1 -1.6 | |
| ALS | Alishan | 2.21 233 | i/P | Pn | 13 51 19.1 +2.0 |
| ALS | baz=226 | eS | Sn | 13 51 46.5 +1.1 | |
| JIRB | Irabujima | 2.23 90 | P | Pn | 13 51 18.6 +1.3 |
| JIRB | baz=90 | S | Sn | 13 51 46.7 +1.4 | |
| CHNS | Tsauling | 2.25 236 | i/P | Pn | 13 51 19.6 +1.9 |
| CHNS | baz=244 | eS | Sn | 13 51 47.8 +1.7 | |
| ELDTW | Lidau | 2.28 223 | i/P | Pn | 13 51 18.6 +0.5 |
| ELDTW | baz=221 | eS | Sn | 13 51 46.5 -0.2 | |
| EDH | Donghe | 2.29 215 | P | Pn | 13 51 18.8 +0.8 |
| EDH | baz=210 | S | Sn | 13 51 46.0 -0.7 | |
| WGK | Gukeng | 2.29 240 | i/P | Pn | 13 51 20.0 +1.9 |
| WGK | baz=238 | eS | Sn | 13 51 49.4 +2.6 | |
| JIKM | Ikemajima | 2.30 88 | P | Pn | 13 51 19.8 +1.7 |
| JIKM | baz=88 | S | Sn | 13 51 47.8 +0.9 | |
| WDLH | Douli | 2.31 240 | i/P | Pn | 13 51 20.0 +1.7 |
| WDLH | baz=238 | eS | Sn | 13 51 49.3 +2.1 | |
| JMJ | Miyako jima 2 | 2.34 91 | eP | Pn | 13 51 20.4 +1.8 |
| JMJ | baz=92 | eS | Sn | 13 51 49.1 +1.3 | |

1446

| | | | | | |
|-------|--------------|----------|-----|-----------------|-----------------|
| RLNB | Erin | 2.36 246 | i/P | Pn | 13 51 20.4 +1.5 |
| RLNB | baz=245 | S | Sn | 13 51 49.0 +0.7 | |
| JMJ2 | Miyako jima3 | 2.37 92 | P | Sn | 13 51 20.8 +1.7 |
| JMJ2 | baz=92 | S | Sn | 13 51 49.5 +0.9 | |
| WTK | Tuku | 2.43 242 | i/P | Pn | 13 51 21.4 +1.6 |
| WTK | baz=240 | eS | Sn | 13 51 50.6 +0.7 | |
| LONT | Longtian | 2.43 217 | eP | Pn | 13 51 20.3 +0.4 |
| LONT | baz=221 | eS | Sn | 13 51 50.4 +0.4 | |
| JOGS | Gusukube | 2.44 92 | P | Sn | 13 51 21.7 +1.7 |
| JOGS | baz=92 | S | Sn | 13 51 52.0 +1.8 | |
| LDUT | Ludao | 2.46 208 | i/P | Pn | 13 51 20.7 +0.4 |
| LDUT | baz=212 | eS | Sn | 13 51 49.0 -1.8 | |
| TPUB | Ta-pu | 2.46 231 | i/P | Pn | 13 51 21.8 +1.5 |
| TPUB | baz=230 | eS | Sn | 13 51 53.0 +2.2 | |
| TPUB | Ta-pu | 2.46 231 | P | Pn | 13 51 21.9 +1.5 |
| STYT | Tauyuan | 2.47 227 | i/P | Pn | 13 51 22.1 +1.7 |
| STYT | baz=225 | eS | Sn | 13 51 52.3 +1.4 | |
| CHY | Chiayi | 2.50 237 | i/P | Pn | 13 51 22.3 +1.6 |
| CHY | baz=244 | eS | Sn | 13 51 52.9 +1.4 | |
| WTP | Ta-pu | 2.51 230 | i/P | Pn | 13 51 22.6 +1.7 |
| WTP | baz=229 | eS | Sn | 13 51 54.4 +2.6 | |
| TWGBT | Beinan | 2.53 217 | P | Pn | 13 51 21.4 +0.3 |
| TWGBT | baz=220 | eS | Sn | 13 51 51.1 -1.2 | |
| TWG | Pingang | 2.53 217 | P | Pn | 13 51 21.3 +0.1 |
| TWG | baz=220 | eS | Sn | 13 51 50.8 -1.5 | |
| TWG | Tainan City | 2.53 217 | P | Pn | 13 51 21.0 -0.1 |
| TTN | Taitung | 2.55 215 | eP | Pn | 13 51 22.8 +1.5 |
| TTN | baz=209 | eS | Sn | 13 51 53.5 +0.9 | |
| TWK | Hsiangyang | 2.59 232 | i/P | Pn | 13 51 23.4 +1.6 |
| TWK | baz=231 | eS | Sn | 13 51 55.5 +1.9 | |
| WSF | Szhu | 2.59 242 | eP | Pn | 13 51 23.2 +1.4 |
| WSF | baz=241 | eS | Sn | 13 51 54.3 +0.8 | |
| WLBG | Puzi | 2.61 238 | eP | Pn | 13 51 22.6 +0.5 |
| WLB | | | | | |

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, JEW Eniwo, ASAJ Asahikawa, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WHWZ Waihua, NMHZ Naumai, ARHZ Aropaanui, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like GSC Goldstone, YBH Yreka Blue Heron, CN2 Changchun, etc.

NEIC 30 13:54:04.51, 5.29, 4S, 0.1x179.2W, 0.1, h327km, 5km, mb4, 8/44, Error ellipse: s-maj=19.3km s-min=17.0km az=126.0

IDC 30 13:54:10.1, 1.6, 2.9, 36S, 179.19W, h376km, 15km, mb3, 8/15, mb1 3.9/16, mb1mx3, 8/31, mb1mp4, 5/16, Error ellipse: s-maj=15.7km s-min=11.5km az=182.0

GCMT 30 13:54:14.5, 0.5, 29.27, 0.06, 17.9, 12W, 0.04, h328km, 5km, MW5, 2/53, Moment tensor solution, s53, c62; Duration: 0. Moment tensor: Scale 1016N; Mw=2.59±.32; Mw-3.0±.59; Mw±5.62±.43; Mw-3.9±.44; Mw±2.21±.43; Mw-1.7±.41; Best double couple; Mw 6.2400x1016 NP1±.95, 157.00000°, 855.00000°, λ-153.00000°. NP2±.51, 51.00000°, 868.00000°, λ-38.00000°. Principal axes: T 6.3110, Plg8.0000°, Azm107.00000°; N 0.6260, Plg47.0000°, Azm206.00000°; P -6.9370, Plg42.0000°, Azm9.00000°; nstai refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 30 13:54:03.3, 0.29, 58S, 0.05, 179.13W, 0.07, h315km, n225, ±19.19/235, mb4, 6/36, 1C, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other technical details. Includes stations like RIZ Raoul Island, GLKZ Green Lake, RAO Raoul Island, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR Alice Springs, WRO Warramunga Arr, WRB Warramunga Arr, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like GSC Goldstone, YBH Yreka Blue Heron, CN2 Changchun, etc.

IDC 30 13:54:46.6, 5.7, 30.63S, 177.94W, h0km, mb4, 3/4, mb1 4.5/4, mb1mx4, 0/37, mb1mp4, 3/4, Error ellipse: s-maj=190.0km s-min=57.1km az=27.0, Kermadec Islands

30d 15h

TORD Torodi Ar. Bea 162.59 PKPab PKPab 14 15 38.6 -0.5

IDC 30 14:06:34.6,0.9,9.86N,126.41E,h0km,mb4,0/10, mb1 4.1/10,mb1mx3.8/40,mbtmp4.0/10,Error ellipse: s-maj=66.2km s-min=16.3km az=76.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like General Luna, Butuan, Maasin, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, WAKE ISLAND Hy, etc.

RHSSO 30 14:11:35.8,1.3,44.45N,18.68E,h2km,ML1.6/4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Han Pijesak, B, etc.

IDC 30 14:13:23.9,3.0,9.31N,123.40E,h0km,mb3.5/3, mb1 3.8/3,mb1mx3.4/34,mbtmp3.5/3,MS3.0/3,MS1 3.0/3,ms1mx2.6/39,Error ellipse: s-maj=31.3km s-min=27.6km az=63.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Candoni, Negro, Zamboanga City, etc.

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

2014 DEC

ASAR Alice Springs 34.35 160 P P 14 20 12.3 +1.1

IDC 30 14:28:37.3,3.1,9.86N,126.02E,h0km,mb3.4/3, mb1 3.6/3,mb1mx3.4/33,mbtmp3.4/3,Error ellipse: s-maj=24.7km s-min=27.2km az=65.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like General Luna, Butuan, Maasin, etc.

IDC 30 14:31:18.7,1.6,14.45S,174.20W,h0km,mb3.8/7, mb1 4.1/7,mb1mx3.8/70,mbtmp3.8/7,MS3.5/5,MS1 3.5/5,ms1mx3.1/31,Error ellipse: s-maj=80.9km s-min=24.5km az=147.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Mont Dzumac, Papeete, etc.

IDC 30 14:38:05.9,1.4,16.15S,177.49W,h0km,mb4.0/11, mb1 4.2/13,mb1mx4.0/40,mbtmp4.0/13,ML5.1/11,MS4.1/20,MS1 4.0/20,ms1mx3.9/29,Error ellipse: s-maj=57.8km s-min=18.5km az=146.0

GCMT 30 14:38:09.7,0.3,17.04S,177.49W,0.1,h14km,1km, MW4.8/1, Moment Tensor Solution, s23,c25; s81,c11; Duration: 0. Moment tensor: Scale 1018Nm; Mw=0.47;10; Mw=1.82; 07; Mw=2.29; 09; Mw=0.22; 17; Mw=0.27; 06; Mw=1.12; 19; Best double couple: M2.304000*1016

NEIC 30 14:38:10.2,0.8,16.45S,177.49W,0.1,h35km,n44, s108/30,mb4.5/16,MS4.0/18,Fiji Islands region

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

1448

WRA comp=Z,1.2nm,1.0s,baz=50,slow=11,SNR=6.8

IDC 30 14:41:41.4,1.1,0.162N,174.0E,0.1,h62km,13km, mb4.4/13,Error ellipse: s-maj=23.3km s-min=14.8km az=169.0

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

IDC 30 14:41:41.4,1.1,0.162N,174.0E,0.1,h62km,13km, mb4.4/13,Error ellipse: s-maj=23.3km s-min=14.8km az=169.0

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

NEIC 30 14:47:01.8,1.2,19.55S,174.0E,0.1,h62km,13km, mb4.4/13,Error ellipse: s-maj=23.3km s-min=14.8km az=169.0

IDC 30 14:47:08.4,1.1,19.30S,174.53E,h171km,72km,mb3.9/5, mb1 4.0/6,mb1mx3.5/30,mbtmp4.3/6,Error ellipse: s-maj=78.5km s-min=27.5km az=32.0

IDC 30 14:47:04.7,0.8,19.55S,174.16E,0.09,h100km,n20, s158/19,mb4.3/11,Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Nonsavu, MSVF, NIUE, etc.

EAFF 30 15:08:49.4,0.7,23.12S,24.12E,h0km,355km,MD4.0, Botswana

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

IDC 30 15:15:32.7,60.0,12.70S,168.41E,h0km,mb3.6/3, mb1 3.8/3,mb1mx3.4/32,mbtmp3.6/3,Error ellipse: s-maj=102.0km s-min=126.9km az=64.0,Santa Cruz Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, Stephens Creek, WRA, etc.

Mw3.74±.55; Best double couple: Mw4.35200x1016
 NP1: 164.00000°, 0.0, 0.00000°, 1.98, 0.00000°, NP2:
 0.336, 0.00000°, 880, 0.00000°, 1.89, 0.00000°. Principal axes: T
 4.1760, P1g55.0000°, Azm244.0000°, N 0.3560,
 P1g1.0000°, Azm336.0000°, P -4.5290, P1g35.0000°.
 Azm67.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s. Triangular
 moment-rate function
 BUJ 30 15:25:37.5±0.0, 9.76N, 126.24E, h88km, mb5.1/40,
 mb4.7/63, Ms4.6/43, Ms7.4/443
 DJA 30 15:25:37.3±0.5, 10.1N, 3.127E, h72km, 5km, M4.8/39,
 mb4.8/39, mb5.4/9, Mw(mB)4.8/9, mb5.3/2
 NEIC 30 15:25:37.4±1.8, 9.86N, 0.02, 126.24E, 0.1, h63km, 5km,
 mb4.9/103, Error ellipse: s-maj=14.3km s-min=2.6km
 az=91.0
 KLM 30 15:25:43.0±9.78N, 126.30E, h123km, mb5.0
 ISC 30 15:25:36.4±0.6, 9.85N, 0.103, 126.34E, 0.04, h53km, 5km,
 n342, ±1966/345, mb4.8/118, MS4.2/49, 7C-3D, Mindanao

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res | ISC | h m s | ISC |
|-------|----------------|-------|-----|----------|--------------------------------------------|------|------|-------|-----|
| SSE | | | | | comp=Z,220nm,16.7s | | LR | LR | |
| JSU | Suzuyama | 21.88 | 9 | P | 15 30 24.8 | -0.1 | I | I | |
| JSU | | | | | 15 30 29.2 | | I | I | |
| JCJ | Chichijima | 22.75 | 39 | P | 15 30 34.3 | 0.0 | P | P | |
| JCJ | | | | | comp=Z,79nm,0.5s,baz=259,slow=11,SNR=3.6 | | LR | LR | |
| JCJ | Chichijima | 22.75 | 39 | P | 15 30 34.2 | -0.2 | P | P | |
| MTN | Manton Dam | 23.05 | 168 | P | 15 30 36.7 | -0.6 | P | P | |
| MTN | Manton Dam | 23.05 | 168 | P | 15 30 36.7 | -0.6 | P | P | |
| MTN | | | | | comp=Z,31nm,0.6s | | I | I | |
| NJ2 | Nanjing | 23.15 | 344 | ↑P | 15 30 39.0 | +0.7 | P | P | |
| NJ2 | | | | | 15 31 00.0 | +4.6 | P | P | |
| NJ2 | | | | | comp=Z,36nm,1.0s | | p | p | |
| KDU | Kakadu | 23.21 | 165 | P | 15 30 37.5 | -1.4 | P | P | |
| KDU | | | | | comp=Z,23nm,SNR=35 | | ↑P | ↑P | |
| WHN | Wuhan | 23.42 | 333 | ↑P | 15 30 41.5 | +0.6 | S | S | |
| WHN | | | | | 15 34 53.0 | +2.7 | LR | LR | |
| WHN | | | | | comp=Z,970nm,13.1s | | LR | LR | |
| WHN | | | | | comp=Z,410nm,6.1s | | LR | LR | |
| WHN | | | | | comp=Z,2μm,15.9s | | LR | LR | |
| JNU | Nakatsue | 23.53 | 10 | P | 15 30 41.7 | -0.2 | P | P | |
| JNU | | | | | comp=Z,25nm,1.0s,baz=209,slow=3.0,SNR=5.7 | | LR | LR | |
| JNU | Nakatsue | 23.53 | 10 | P | 15 30 41.4 | -0.5 | P | P | |
| JNU | | | | | comp=Z,316nm,19.1s,baz=164,slow=3.0 | | I | I | |
| YGM | Kota Tinggi | 23.66 | 222 | P | 15 30 41.4 | -1.8 | P | P | |
| YGM | | | | | 23.75 | 252 | P | P | |
| MYKOM | | | | | comp=Z,43nm,0.8s | | I | I | |
| MYKOM | Kota Tinggi | 23.75 | 252 | P | 15 30 46.0 | +1.9 | P | P | |
| ONG | Nongkhai | 23.92 | 292 | P | 15 30 44.8 | -0.9 | P | P | |
| ONG | | | | | comp=Z,12μm,comp=Z,42nm,1.4s | | P | P | |
| SRAK | Srakaw | 24.12 | 282 | P | 15 30 47.3 | -0.2 | P | P | |
| SRAK | | | | | comp=Z,107nm,0.8s | | P | P | |
| CHAI | Chaiyaphum | 24.48 | 287 | P | 15 30 50.0 | -0.8 | P | P | |
| CHAI | | | | | comp=Z,107nm,comp=Z,95nm,0.9s | | P | P | |
| JMN | Monobe | 24.75 | 15 | P | 15 30 53.5 | +0.4 | P | P | |
| GYA | Guyang | 24.89 | 314 | eP | 15 30 54.8 | +0.3 | pmax | pmax | |
| GYA | | | | | comp=Z,7.0nm,0.5s | | LR | LR | |
| GYA | | | | | comp=Z,750nm,16.3s | | LR | LR | |
| GYA | | | | | comp=Z,600nm,18.3s | | LR | LR | |
| GYA | | | | | comp=Z,1μm,17.6s | | LR | LR | |
| LEM | Lembang | 24.95 | 229 | LR | 15 42 09.0 | | LR | LR | |
| LEM | | | | | comp=Z,977nm,18.4s,baz=60,slow=40 | | LR | LR | |
| CBJI | Citeko | 25.27 | 231 | P | 15 31 04.3 | +6.4 | P | P | |
| IPM | Ipo | 25.67 | 260 | I | 15 31 02.0 | +0.3 | I | I | |
| IPM | | | | | comp=Z,64nm,0.9s | | I | I | |
| IPM | Ipo | 25.67 | 260 | P | 15 31 06.0 | +4.4 | P | P | |
| ENSHI | Enshi | 25.69 | 325 | P | 15 30 58.2 | -3.4 | P | P | |
| JHS | Jaito | 25.78 | 13 | P | 15 31 04.2 | +1.8 | P | P | |
| KULM | Kulim | 25.86 | 262 | P | 15 31 02.9 | -0.4 | P | P | |
| KULM | | | | | 25.86 | 262 | P | P | |
| KLSI | | 25.93 | 237 | P | 15 31 04.0 | 0.0 | P | P | |
| PHIT | Phitsaulok | 26.22 | 289 | P | 15 31 09.5 | +3.0 | P | P | |
| PHIT | | | | | comp=Z,9.7nm,1.4s | | P | P | |
| UTTA | Utтарadit | 26.22 | 290 | P | 15 31 09.2 | +2.7 | P | P | |
| UTTA | | | | | comp=Z,20nm,0.8s | | P | P | |
| JHJ | Hachijima | 26.26 | 26 | LR | 15 41 27.9 | | LR | LR | |
| JHJ | | | | | comp=Z,1.63nm,18.5s,baz=91,slow=36 | | LR | LR | |
| PHET | Kaeng Krachan | 26.36 | 279 | P | 15 31 12.2 | +4.4 | P | P | |
| PHET | | | | | comp=Z,374nm,comp=Z,31nm,1.1s | | P | P | |
| NANT | Nan | 26.36 | 293 | P | 15 31 11.0 | +3.2 | P | P | |
| NANT | | | | | comp=Z,24μm,comp=Z,298nm,0.6s | | P | P | |
| JWT | Wachi | 26.63 | 17 | P | 15 31 10.6 | +0.6 | P | P | |
| JWT | | | | | comp=Z,42nm,1.2s | | I | I | |
| LWLI | Lwla | 26.67 | 237 | P | 15 31 13.3 | +2.6 | P | P | |
| LWLI | | | | | comp=Z,74nm,0.8s | | P | P | |
| UTHA | Uthaitani | 26.83 | 285 | P | 15 31 14.4 | +2.4 | P | P | |
| UTHA | | | | | comp=Z,541nm,comp=Z,74nm,0.9s | | P | P | |
| SUKH | Sukhothai | 27.01 | 289 | P | 15 31 17.3 | +3.6 | P | P | |
| SUKH | | | | | comp=Z,55nm,1.0s | | P | P | |
| INU | Inuyama | 27.18 | 19 | P | 15 31 15.2 | +0.2 | P | P | |
| INU | | | | | comp=Z,38nm,1.2s | | I | I | |
| LAMP | Lampang | 27.26 | 291 | P | 15 31 17.0 | +1.1 | P | P | |
| LAMP | | | | | comp=Z,2.1nm,1.2s | | P | P | |
| PAYA | Payao | 27.27 | 293 | P | 15 31 15.0 | -1.0 | P | P | |
| PAYA | | | | | comp=Z,4μm,comp=Z,497nm,0.8s | | P | P | |
| KSR5 | Korea Array | 27.52 | 3 | P | 15 31 18.9 | +1.0 | P | P | |
| KSR5 | | | | | comp=Z,9.8nm,1.0s,baz=179,slow=11,SNR=20 | | LR | LR | |
| TIA | Tai'an | 27.54 | 344 | P | 15 31 32.5 | | P | P | |
| TIA | | | | | comp=Z,190nm,19.3s,baz=172,slow=39 | | pmax | pmax | |
| TIA | | | | | comp=Z,10.0nm,1.0s | | P | P | |
| YNSJ | Wonju Arr | 27.56 | 3 | P | 15 31 18.8 | +0.5 | P | P | |
| CM35 | Chiang Mai Arr | 27.74 | 291 | P | 15 31 20.0 | -0.2 | P | P | |
| CM36 | Chiang Mai Arr | 27.75 | 291 | P | 15 31 20.0 | -0.3 | P | P | |
| CM36 | | | | | comp=Z,16nm,comp=Z,14nm,0.9s | | P | P | |
| FITZ | Fitzroy Crossi | 27.78 | 181 | P | 15 31 20.3 | -0.2 | P | P | |
| FITZ | | | | | comp=Z,28.5nm,4.3s | | P | P | |
| FITZ | Fitzroy Crossi | 27.78 | 181 | P | 15 31 20.3 | -0.2 | P | P | |
| FITZ | | | | | comp=Z,12nm,0.5s,baz=8.6,slow=7.6,SNR=29 | | I | I | |
| FITZ | | | | | comp=Z,48nm,1.2s | | I | I | |
| CM34 | Chiang Mai Arr | 27.79 | 292 | P | 15 31 20.0 | -0.6 | P | P | |
| CM09 | Chiang Mai Arr | 27.83 | 291 | P | 15 31 22.1 | +1.1 | P | P | |
| CM09 | | | | | comp=Z,114nm,comp=Z,17nm,0.9s | | P | P | |
| CM04 | Chiang Mai Arr | 27.83 | 291 | P | 15 31 21.9 | +0.9 | P | P | |
| CM04 | | | | | comp=Z,16nm,comp=Z,14nm,0.9s | | P | P | |
| CM01 | Chiang Mai Arr | 27.85 | 291 | P | 15 31 22.7 | +1.5 | P | P | |
| CM01 | | | | | comp=Z,109nm,comp=Z,13nm,0.8s | | P | P | |
| CM05 | Chiang Mai Arr | 27.86 | 291 | P | 15 31 22.3 | +1.0 | P | P | |
| CM05 | | | | | comp=Z,8.1nm,comp=Z,7.5nm,1.1s | | P | P | |
| CM02 | Chiang Mai Arr | 27.87 | 291 | P | 15 31 22.0 | +0.6 | P | P | |
| CM02 | | | | | comp=Z,106nm,comp=Z,15nm,0.9s | | P | P | |
| CM31 | Chiang Mai Arr | 27.88 | 291 | P | 15 31 22.4 | +0.9 | P | P | |
| CM31 | | | | | comp=Z,3μm,comp=Z,310nm,0.9s | | P | P | |
| CM31 | Chiang Mai Arr | 27.88 | 291 | P | 15 31 20.3 | -1.1 | P | P | |
| CMAR | Chiang Mai Arr | 27.88 | 291 | P | 15 31 21.3 | -0.2 | P | P | |
| CMAR | | | | | comp=Z,2.8nm,0.7s,baz=102,slow=7.4,SNR=24 | | P | P | |
| CMAR | | | | | comp=Z,1.5nm,1.0s,baz=103,slow=7.4,SNR=4.3 | | P | P | |
| CMAR | | | | | comp=Z,0.7nm,0.7s,baz=31,slow=1.2,SNR=5.6 | | LR | LR | |
| CMAR | | | | | comp=Z,674nm,18.3s,baz=148,slow=38 | | LR | LR | |
| CM15 | Chiang Mai Arr | 27.89 | 291 | P | 15 31 22.5 | +0.9 | P | P | |
| CM15 | | | | | comp=Z,120nm,comp=Z,16nm,0.9s | | P | P | |
| PDSI | Padang | 27.89 | 249 | P | 15 31 20.2 | -1.5 | P | P | |
| PDSI | | | | | comp=Z,14nm,0.6s | | P | P | |
| CM13 | Chiang Mai Arr | 27.90 | 291 | P | 15 31 22.0 | +0.3 | P | P | |
| CM13 | | | | | comp=Z,82nm,comp=Z,12nm,0.8s | | P | P | |
| CM13 | Chiang Mai | 27.96 | 292 | P | 15 31 22.6 | +0.6 | P | P | |
| CM13 | | | | | comp=Z,5.7nm,1.0s | | P | P | |
| CH30 | Chiang Mai Arr | 27.96 | 292 | P | 15 31 22.0 | -0.2 | P | P | |
| CH30 | | | | | comp=Z,8.1nm,comp=Z,7.5nm,1.1s | | P | P | |
| CM32 | Chiang Mai Arr | 28.01 | 291 | P | 15 31 22.0 | -0.7 | P | P | |
| MNSI | Mandingall Nat | 28.10 | 253 | P | 15 31 22.8 | -0.6 | P | P | |
| MNSI | | | | | comp=Z,53nm,0.8s | | P | P | |
| PSI | Prapat | 28.12 | 257 | P | 15 31 23.9 | +0.1 | P | P | |
| PSI | | | | | comp=Z,12nm,0.8s,baz=380,slow=1.2,SNR=14 | | LR | LR | |
| PSI | | | | | comp=Z,630nm,20.7s,baz=90,slow=42 | | LR | LR | |
| PMG | Port Moresby | 28.20 | 132 | P | 15 31 22.9 | -1.4 | P | P | |
| PMG | | | | | comp=Z,9.0nm,0.8s,baz=352,slow=11,SNR=4.3 | | P | P | |
| PMG | Port Moresby | 28.20 | 132 | P | 15 31 24.5 | +0.2 | P | P | |
| MJAR | Matsushiro Arr | 28.66 | 20 | P | 15 31 27.0 | -1.2 | P | P | |
| MJAR | | | | | comp=Z,3.7nm,1.1s,baz=184,slow=9.5,SNR=5.2 | | LR | LR | |
| MJAR | | | | | comp=Z,487nm,18.5s,baz=205,slow=36 | | LR | LR | |
| MHMT | Maesarieng | 28.75 | 290 | P | 15 31 32.4 | +3.2 | P | P | |
| XAN | Xi'an | 28.89 | 329 | P | 15 31 29.0 | -1.4 | pP | pP | |
| XAN | | | | | 15 31 51.0 | +4.0 | pP | pP | |
| XAN | | | | | 15 32 01.5 | +1.3 | sP | sP | |
| XAN | | | | | 15 36 13.0 | +4.2 | sS | sS | |
| XAN | | | | | 15 36 51.5 | +1.4 | sS | sS | |

| Code | Station Name | Δ° | AZ° | Phase ID | Time | Res | ISC | h m s | ISC |
|------|-----------------|-------|-----|----------|--------------------|------|------|-------|-----|
| XAN | | | | | comp=Z,29nm,0.8s | | SS | SS | |
| XAN | | | | | comp=Z,110nm,4.3s | | pmax | pmax | |
| XAN | | | | | comp=Z,470nm,13.6s | | LR | LR | |
| XAN | | | | | comp=Z,520nm,16.9s | | LR | LR | |
| XAN | | | | | comp=Z,570nm,17.0s | | LR | LR | |
| XAN | Xi'an | 28.89 | 329 | P | 15 31 29.2 | -1.2 | I | I | |
| XAN | | | | | 15 31 33.3 | | I | I | |
| COEN | Coen | 28.96 | 145 | P | 15 32 03.6 | -0.5 | P | P | |
| KRVT | Keravat (AS076) | 29.20 | 118 | LR | 15 42 47.1 | | LR | LR | |
| CD2 | Chengdu | 29.66 | 318 | P | 15 31 38.3 | +1.0 | S | S | |
| CD2 | | | | | 15 36 27.0 | -2.4 | S | S | |
| CD2 | | | | | comp=Z,220nm,0.5s | | pmax | pmax | |
| CD2 | | | | | comp=Z,190nm,4.3s | | pmax | pmax | |
| CD2 | | | | | comp=Z,3μm,22.0s | | LR | LR | |
| CD2 | | | | | comp=Z,2μm,19.4s | | LR | LR | |
| CD2 | | | | | comp=Z,2μm,17.3s | | LR | LR | |
| GSI | Gunungsitoli | 29.84 | 255 | P | 15 31 37.7 | -1. | | | |

| | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------|----------|-----------|-----------------|
| AC02 | Maricunga | 4.42 164 | Pn | Pn | 15 51 55.5 +1.7 |
| GO03 | Copiap | 5.01 177 | Pn | Pn | 15 52 03.3 -0.1 |
| AC04 | Llanos de Chal | 5.63 185 | Pn | Pn | 15 52 07.3 -2.7 |
| AC05 | El Transito | 6.24 178 | Pn | Pn | 15 52 17.7 -0.8 |
| LCO | Las Campanas | 6.42 192 | Pn | Pn | 15 52 20.2 -0.7 |
| LPAZ | La Paz | 6.93 200 | Pn | Pn | 15 52 28.4 +4.2 |
| LPAZ | comp=N, 1.1nm, 0.3s, baz=158, slow=3.9, SNR=21 | | | | |
| LPZ | comp=N, 100nm, 19.6s, baz=218, slow=41 | | | | 15 55 20.2 |
| LPZ | La Paz | 6.63 200 | Pn | Pn | 15 55 28.2 +3.9 |
| CO01 | Juntas del Tor | 7.38 177 | Pn | Pn | 15 52 33.5 -0.7 |
| GO04 | Tololo Observa | 7.58 182 | Pn | Pn | 15 52 35.8 -1.1 |
| CO03 | El Pedregal | 8.24 181 | Pn | Pn | 15 52 45.9 +0.1 |
| MT02 | Curacav | 10.66 183 | Pn | Pn | 15 53 19.8 +0.8 |
| SIV | San Ignacio | 11.03 35 | Pn | Pn | 15 53 24.0 -0.1 |
| SIV | comp=N, 1.1nm, 0.3s, baz=247, slow=10, SNR=11 | | | | 15 58 28.8 |
| CPUP | Villa Florida | 12.55 110 | Pn | Pn | 15 53 45.2 +0.4 |
| CPUP | comp=N, 0.1nm, 0.3s, baz=293, slow=9, SNR=7.4 | | | | 15 58 43.6 |
| H03N1 | Juan Fernandez | 13.13 213 | P | P | 15 53 51.0 -1.5 |
| H03N1 | baz=108, slow=14, SNR=10.0 | | | | 16 07 01.4 |
| H03N2 | Juan Fernandez | 13.14 213 | P | Pn | 15 53 51.2 -1.4 |
| H03N2 | baz=108, slow=14, SNR=5.5 | | | | 16 07 01.2 |
| H03N3 | Juan Fernandez | 13.15 213 | P | Pn | 15 53 51.3 -1.5 |
| H03N3 | baz=108, slow=14, SNR=11 | | | | 16 07 00.3 |
| H03N3 | baz=38, slow=72, SNR=169 | | | | 15 53 54.3 -2.4 |
| H03S1 | Juan Fernandez | 13.46 212 | P | Pn | 15 53 54.2 -2.7 |
| H03S2 | Juan Fernandez | 13.46 212 | P | Pn | 15 53 54.4 -2.6 |
| PTGA | Pitinga | 24.00 27 | P | P | 15 55 59.9 -0.6 |
| PTGA | comp=N, 2.2nm, 0.4s, baz=186, slow=16, SNR=5.5 | | | | 16 06 10.3 |
| PTGA | comp=N, 104nm, 19.3s, baz=74, slow=38 | | | | 15 56 01.9 |
| PTGA | Pitinga | 24.00 27 | Iamb | Iamb | 16 02 49.5 -0.8 |
| TORD | Torodi Ar | 79.01 71 | P | P | 16 02 49.5 -0.8 |
| TORD | comp=Z, 12nm, 1.4s | | | | 16 03 02.2 -1.1 |
| TORD | comp=Z, 2.3nm, 0.8s, baz=256, slow=4.8, SNR=14 | | | | 16 03 02.2 -1.1 |
| YKA | Yellowknife Ar | 91.72 241 | P | P | 16 03 52.6 +0.4 |
| YKA | comp=Z, 2.0nm, 0.6s, baz=121, slow=6.4, SNR=3.3 | | | | 16 04 02.8 +1.1 |
| H11S2 | WAKE ISLAND Hy26.57 277 | T | T | | 18 29 25.6 |
| H11S1 | WAKE ISLAND Hy26.57 277 | T | T | | 18 29 26.6 |
| H11S3 | WAKE ISLAND Hy26.57 277 | T | T | | 18 29 26.9 |
| H11N3 | WAKE ISLAND Hy26.67 278 | T | T | | 18 29 28.7 |
| H11N2 | WAKE ISLAND Hy26.69 278 | T | T | | 18 29 31.5 |
| H11N1 | WAKE ISLAND Hy26.99 278 | T | T | | 18 29 35.5 |
| H11N1 | baz=107, slow=74, SNR=10 | | | | |
| NEIC 30 15:57:24.0, 1.0, 20.6S, 0.1x178.2W, 0.1, h545km, 12km, mb4.2/15, Error ellipse: s-maj=23.5km s-min=11.8km az=135.0 | | | | | |
| ICD 30 15:57:25.9, 5.0, 20.50S, 178.36W, h580km, 35km, mb3.2/6, mb1.3/4.7, mb1mx3.0/36, mbtmp3.8/4, Error ellipse: s-maj=106.7km s-min=22.8km az=142.0 | | | | | |
| ISC 30 15:57:27.1, 0.9, 20.55S, 0.1x178.4W, 0.1, h587km, n29, r131/28, mb4.0/13, Fiji Islands region | | | | | |
| Code Station Name | Δ° AZ° | Phase ID | Time Res | h m s ISC | |
| MSVF | Nonsavu | 4.32 309 | P | P | 15 58 51.3 -2.8 |
| MSVF | 1.8nm, 0.3s, baz=259, slow=9.6, SNR=6.6 | | | | |
| MSVF | Nonsavu | 4.32 309 | P | P | 15 59 20.4 -6.9 |
| NIUE | Niue | 8.13 81 | P | P | 16 00 31.2 -0.4 |
| SANUV | Sarautoua | 14.56 288 | P | P | 16 01 02.3 -1.9 |
| URZ | Urewera | 18.12 191 | P | P | 16 01 42.0 -1.2 |
| THZ | Tophouse | 22.83 197 | P | P | 16 01 45.5 -1.5 |
| KHZ | Kahunu | 22.83 197 | P | P | 16 02 36.7 +0.3 |
| EIDS | Eidsvold | 28.62 254 | P | P | 16 02 46.3 |
| EIDS | comp=Z, 3.5nm, 1.1s | | | | 16 02 39.1 +0.5 |
| ARMA | Armidale | 28.71 244 | P | P | 16 02 37.2 |
| ARMA | comp=Z, 2.2nm, 1.4s | | | | 16 03 17.0 +1.0 |
| CTA | Charters Tower | 33.09 264 | P | P | 16 03 16.9 +1.0 |
| CTA | comp=Z, 2.0nm, 0.3s, baz=88, slow=12, SNR=15 | | | | 16 03 41.3 |
| CTAO | Charters Tower | 33.09 264 | P | P | 16 03 50.9 +1.0 |
| CTAO | comp=Z, 1.3nm, 1.5s | | | | 16 03 50.9 +1.0 |
| COEN | Coen | 37.18 274 | P | P | 16 04 04.0 |
| COEN | comp=Z, 4.5nm, 1.1s | | | | 16 03 52.5 +0.7 |
| STKA | Stephens Creek | 37.43 244 | P | P | 16 03 53.0 |
| STKA | comp=Z, 1.8nm, 0.6s, baz=85, slow=14, SNR=4.2 | | | | 16 04 29.8 +0.1 |
| BBOO | Buckleboe | 42.19 243 | P | P | 16 04 40.8 |
| BBOO | comp=Z, 2.8nm, 1.4s | | | | 16 04 44.7 +0.6 |
| WR0 | Warramunga Arr | 44.01 262 | P | P | 16 04 59.0 |
| WR0 | comp=Z, 4.7nm, 1.2s | | | | 16 04 45.8 +0.7 |
| AS31 | Alice Springs | 44.12 257 | P | P | 16 04 45.8 +0.8 |
| ASAR | Alice Springs | 44.13 257 | P | P | 16 06 18.9 +2.1 |
| ASAR | comp=Z, 4.6nm, 0.5s, baz=90, slow=8.6, SNR=142 | | | | 16 04 45.8 +0.5 |
| WB0 | Warramunga Arr | 44.18 262 | P | P | 16 04 46.4 |
| WB0 | comp=Z, 4.1nm, 0.5s | | | | 16 04 45.4 +0.0 |
| WB2 | Warramunga Arr | 44.19 262 | P | P | 16 04 54.4 |
| WB2 | comp=Z, 1.1nm, 1.4s | | | | 16 04 45.7 +0.3 |
| WRAB | Tennant Creek | 44.20 262 | P | P | 16 04 45.9 +0.4 |
| WRAB | comp=Z, 8nm, 0.7s, baz=98, slow=8.4, SNR=41 | | | | 16 04 57.2 0.0 |
| RSD | Rainshed | 45.73 31 | P | P | 16 05 49.0 +1.2 |
| FITZ | Fitzroy Crossi | 52.63 262 | P | P | 16 05 49.1 +1.2 |
| FITZ | comp=Z, 1.4nm, 0.5s, baz=63, slow=6.8, SNR=1.8 | | | | 16 05 53.7 |
| FITZ | Fitzroy Crossi | 52.63 262 | P | P | 16 05 49.1 +1.2 |
| FITZ | comp=Z, 4.4nm, 1.1s | | | | 16 09 18.2 +1.3 |
| ILAR | Eielson Array | 88.40 13 | P | P | 16 15 52.9 -1.4 |
| ILAR | comp=Z, 0.4nm, 0.9s, baz=218, slow=5.0, SNR=6.4 | | | | 16 15 07.0 0.0 |
| AKASG | Main Array Be | 142.81 331 | PKP | PKPpdf | 16 16 14.2 +1.3 |
| AKASG | comp=Z, 0.7nm, 0.5s, baz=38, slow=4.8, SNR=7.9 | | | | 16 16 07.0 0.0 |
| CLL | Collin | 147.97 346 | ePKPbc | PKPbc | 16 16 07.0 0.0 |
| GERES | GERES Array B | 150.99 344 | PKPbc | PKPbc | 16 16 14.2 +1.3 |
| GERES | comp=Z, 0.3nm, 0.5s, baz=33, slow=3.2, SNR=4.1 | | | | |
| MAN 30 16:03:08.5, 4.97N, 128.93E, h222km, mb4.3, ML3.1, MS2.8 | | | | | |
| ICD 30 16:03:15.4, 7.5, 2.63N, 126.55E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.5/39, mbtmp3.8/4, Error ellipse: s-maj=126.3km s-min=104.3km az=119.0 | | | | | |
| DJA 30 16:03:15.5, 1.0, 3.7N, 3.12E, h11km, 9km, M4.1/13, mb5.1/1, mb4.4/4, MLV3.9/13, Mw(m)/b4.1/1 | | | | | |
| NEIC 30 16:03:17.7, 1.1, 2.74N, 0.07x125.78E, 1.0, h50km, 14km, mb4.0/9, Error ellipse: s-maj=16.6km s-min=4.6km az=56.0 | | | | | |
| ISC 30 16:03:17.2, 0.8, 2.70N, 0.05x125.86E, 0.09, h35km, n34, r2511/35, mb4.0/6, IC, Talud Islands | | | | | |
| Code Station Name | Δ° AZ° | Phase ID | Time Res | h m s ISC | |
| SGSI | Sanghie | 1.03 342 | P | P | 16 03 34.7 -0.5 |
| SGSI | comp=Z, 1.4nm, 0.5s, baz=118, slow=10.0, SNR=11.0 | | | | 16 03 51.0 +2.6 |
| TNTI | Ternate | 2.44 142 | P | P | 16 03 55.5 +1.0 |
| TNTI | comp=Z, 0.7nm, 0.5s, baz=38, slow=4.8, SNR=7.9 | | | | 16 03 59.4 -0.4 |
| KMSI | Cibinong | 2.82 222 | P | P | 16 04 04.8 -2.8 |
| DDMP | Don Marcelino | 3.38 358 | eP | P | 16 04 47.8 +1.3 |
| DDMP | comp=Z, 0.4nm, 0.9s, baz=218, slow=5.0, SNR=6.4 | | | | 16 04 07.6 -1.6 |
| GTOI | Gorontalo | 3.51 234 | P | P | 16 04 19.0 +2.8 |
| SKMP | Bagumbayan, Su | 4.01 341 | eP | P | 16 05 05.4 +3.4 |
| SKMP | comp=Z, 0.3nm, 0.5s, baz=33, slow=3.2, SNR=4.1 | | | | 16 04 30.1 +9.3 |
| KCP | Kidapawan | 4.35 350f | eP | P | |

| | | | | | |
|-------|-------------------------------------------------|-----------|------|----|-----------------|
| KCP | Marisa | 4.49 241 | P | Pn | 16 05 17.0 +6.6 |
| MRSI | SANI | 4.72 178 | P | Pn | 16 04 21.9 -0.9 |
| SANI | Sanana | 4.72 178 | P | Pn | 16 04 25.1 -0.8 |
| LUWI | Luwuk | 4.83 220 | P | Pn | 16 04 28.3 +0.9 |
| LUWI | Luwuk | 4.83 220 | P | Pn | 16 04 30.4 +3.0 |
| TOL2 | Tolit | 5.31 247 | Pn | Pn | 16 04 20.8 +3.3 |
| APSI | Ampana | 5.53 230 | P | Pn | 16 04 38.3 +1.3 |
| APSI | 6.1mm, 2um170nm, 0.5s | | | | |
| PAGZ | Pagadian | 5.67 334 | eP | Pn | 16 04 39.8 +0.8 |
| BUTP | Butuan | 6.23 358 | eP | Pn | 16 04 43.9 -2.8 |
| MPSI | Mapaga | 6.74 249 | P | Pn | 16 04 47.2 -1.8 |
| MPSI | 0.1mm, 4nm, 0.9s | | | | |
| MYLDM | Lahad Data | 7.47 289 | Pn | Pn | 16 05 08.0 +0.5 |
| TTSI | Tana Toraja | 8.31 227 | P | Pn | 16 05 15.8 +0.6 |
| MTN | Mananton Dam | 16.31 217 | Pn | Pn | 16 07 02.4 -1.2 |
| TWG | Pilang | 20.52 347 | P | P | 16 07 51.3 -1.3 |
| FITZ | Fitzroy Crossi | 20.67 181 | P | Pn | 16 07 58.0 +1.4 |
| FITZ | Fitzroy Crossi | 20.67 181 | P | P | 16 07 56.3 +2.2 |
| FITZ | comp=Z, 7.6nm, 1.1s | | | | 16 08 10.6 |
| WB0 | Warramunga Arr | 23.85 160 | P | P | 16 08 27.1 -0.3 |
| WB0 | comp=Z, 6.2nm, 1.1s | | | | 16 08 29.3 |
| WRAB | Tennant Creek | 23.99 160 | P | P | 16 08 28.5 -0.2 |
| WRAB | comp=Z, 5.6nm, 1.1s | | | | 16 08 31.3 |
| WRA | Warramunga Arr | 24.00 160 | P | P | 16 08 28.6 -0.1 |
| WRA | comp=Z, 2.0nm, 0.7s, baz=308, slow=10, SNR=12 | | | | 16 08 28.6 -0.2 |
| WB2 | Warramunga Arr | 24.00 160 | P | P | 16 08 36.9 |
| WB2 | comp=Z, 5.3nm, 0.8s | | | | 16 08 29.2 -0.3 |
| WR0 | Warramunga Arr | 24.08 160 | P | P | 16 08 59.2 +0.4 |
| AS31 | Alice Springs | 27.36 164 | P | P | 16 08 59.6 +0.4 |
| ASAR | Alice Springs | 27.36 164 | P | P | 16 10 28.2 +0.4 |
| ASAR | comp=Z, 0.3nm, 0.3s, baz=345, slow=12, SNR=7.4 | | | | 16 10 28.2 +0.4 |
| STKA | Stephens Creek | 37.50 158 | P | P | 16 10 28.2 +0.4 |
| STKA | comp=Z, 1.1nm, 0.3s, baz=317, slow=6.5, SNR=5.1 | | | | 16 10 28.2 +0.4 |
| STKA | Stephens Creek | 37.50 158 | P | P | 16 10 28.2 +0.8 |
| STKA | comp=Z, 2.2nm, 1.4s | | | | 16 10 40.1 |
| LZH | Lanzhou | 38.96 331 | ePKP | sP | 16 10 51.8 +1.2 |
| LZH | comp=Z, 0.3nm, 0.3s, baz=345, slow=12, SNR=7.4 | | | | 16 10 10.2 +8.1 |
| LZH | Lanzhou | 38.96 331 | ePKP | sP | 16 11 05.5 |
| LZH | comp=Z, 0.3nm, 0.3s, baz=345, slow=12, SNR=7.4 | | | | 16 10 46.3 -3.3 |
| HHC | Hu-ho-hao-te | 40.11 343 | eP | P | |

ICD 30 16:11:16.4, 1.1, 9.82N, 126.12E, h0km, mb3.6/6, mb1.3/8, mb1mx3.5/47, mbtmp3.6/6, Error ellipse: s-maj=88.9km s-min=21.4km az=71.0

NEIC 30 16:11:23.9, 0.4, 9.7N, 126.0E, 0.3, h57km, 10km, mb4.3/3, Error ellipse: s-maj=47.4km s-min=15.2km az=77.0

MAN 30 16:11:23.4, 9.83N, 126.22E, h15km, mb4.7, ML3.6, MS3.5

ISC 30 16:11:17.7, 1.8, 9.92N, 0.04x126.40E, 0.07, h10km, 11km, n17, r1501/24, mb3.7/8, 1C-2D, Mindanao

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|-------------------|-------------------------------------------------|-----------|----------|-----------|-----------------|
| Code Station Name | Δ° AZ° | Phase ID | Time Res | h m s ISC | |
| GLSP | General Luna | 0.03 243 | Op | P | 16 11 27.6 -0.8 |
| GLSP | comp=Z, 20nm, 1.0s | | | | 16 11 32.1 +1.7 |
| BUTP | Butuan | 1.22 219 | eP | Sb | 16 11 41.6 +0.4 |
| BUTP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 11 58.4 +0.8 |
| MSLP | Maasin | 1.53 278 | eP | Sb | 16 11 57.0 -0.0 |
| MSLP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 12 05.6 +0.3 |
| BESP | Borongan | 1.92 330 | eP | Sb | 16 11 48.3 -2.2 |
| BESP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 12 19.9 +0.5 |
| OCLP | Ormoc | 2.09 303 | eP | Sb | 16 11 57.2 +1.5 |
| OCLP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 11 57.3 -0.9 |
| CGP | Cagayan de Oro | 2.23 229f | eP | Sb | 16 12 25.7 -0.2 |
| CGP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 12 00.5 -1.1 |
| LLP | Lapu-Lapu | 2.43 279f | eP | Sb | 16 12 29.9 -1.7 |
| LLP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 12 13.4 -0.9 |
| KCP | Kidapawan | 3.17 204f | eP | Sb | 16 12 47.5 +0.4 |
| KCP | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 15 49.8 |
| SOEI | Soe | 19.67 166 | Pn | Iamb | 16 17 33.1 +0.1 |
| SOEI | comp=Z, 20nm, 1.0s | | | | 16 18 03.3 -0.3 |
| WRA | Warramunga Arr | 30.69 165 | P | P | 16 18 03.3 -0.3 |
| WRA | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 19 04.7 +0.4 |
| ASAR | Alice Springs | 34.18 168 | P | P | 16 19 48.7 +0.2 |
| ASAR | comp=Z, 0.1nm, 0.4s, baz=343, slow=7.0, SNR=9.7 | | | | 16 20 29.9 -0.3 |
| SOMN | Songino Array | 41.39 340 | P | P | 16 20 31.5 -0.2 |
| SOMN | comp=Z, 0.3nm, 0.8s, baz=345, slow=12, SNR=11.8 | | | | 16 20 43.1 |
| ARMA | Armidale | 46.87 150 | P</ | | |

30d 17h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC, and station details. Includes stations like TWB1 Santiao Chiao, TIPB Shuangxi, NTC Toucheng, etc.

2014 DEC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC, and station details. Includes stations like NMLH Miaoili, ESL Shilin, NSY Sanyi, etc.

1452

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time Res, h m s ISC, and station details. Includes stations like H08S2 Diego Garcia, H08S3 Diego Garcia, H08S1 Diego Garcia, etc.

Ms1 2.6/1,ms1mx2.1/39,Error ellipse: s-maj=44.0km s-min=23.5km az=84.0 NEIC 30 17:01:34.5:2.1,36:10N:07:143:3E:0.1,h27km,3km, mb4.4/2,Error ellipse: s-maj=13.7km s-min=9.6km az=107.0

s-maj=181.7km s-min=19.8km az=65.0,Celebes Sea Code Station Name Δ° AZ° Phase ID Time Res h m s ISC WRA Warramunga Arr 24.60 154 P 17 22 39.9 +0.1

1.1nm,0.1s KST 2.9nm,0.2s 1.07 110 P Pn 17 46 38.8 -0.5 KST 1.1nm,0.1s S S 17 46 53.1 -0.5

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like CHQJ Chosi, JHYU Hitachinakayam, ONAJ Iwakimizuishiy, etc.

JMA 30 17:41:16.8:0.1,36:67N:141:75E,h43km,4km,M3.1 IDC 30 17:41:20.6:0.0,35:06N:141:11E,h0km,mb3.3/2, mb1 3.4/3,mb1mx3.0/64,mbtmp3.1/3,ML1.9/1,MS4.0/1, Ms1 4.0/1,ms1mx2.4/28,Error ellipse: s-maj=141.6km s-min=38.8km az=42.0

BOOM Boomsokoye ush 1.35 133 P Pn 17 46 42.7 -0.5 BOOM 1.2nm,0.2s 1.36 69 P Pn 17 46 43.2 +0.1

NEIC 30 17:11:42.0:3.0,9:34S:0:08:75:1W:0.1,h121km,8km, mb4.0/2,Error ellipse: s-maj=16.2km s-min=8.8km az=61.0

ISC 30 17:41:16.1:3.7,36:74N:0:07:141:73E,0.09,h12km,24km, n18,c121/16,Near east coast of eastern Honshu Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

ARL Aral 1.56 187 P Pn 17 46 46.8 -0.9 ARL 1.1nm,0.5s 1.56 187 P Pn 17 46 46.8 -0.9

IDC 30 17:11:43.3:0.9,9:44S:75:23W,h128km,9km,mb3.2/4, mb1 3.5/9,mb1mx3.4/34,mbtmp3.9/9,Error ellipse: s-maj=11.0km az=79.0

IS 30 17:41:14.0:6.9,9:33S:0:06:75:05W:0.08,h100km,n26,c2505/30,mb3.5, Central Peru Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

CTA Charters Tower 56.68 175 LR LR 18 13 25.7 WRA Warramunga Arr 56.81 188 P Pn 17 51 00.4 +0.2

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like NNA Nana, NNA Nana, NNA Nana, etc.

SOME 30 17:42:47.2:43.02N:81:45E,h0km NNC 30 17:42:25.8:9.7,43:32N:82:53E,h0km,mb2.4,mpv2.0, 1C-3D,Error ellipse: s-maj=80.8km s-min=27.1km az=131.0,Northern Xinjiang

ARL Aral 1.56 187 P Pn 17 46 46.8 -0.9 ARL 1.1nm,0.5s 1.56 187 P Pn 17 46 46.8 -0.9

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like KTMS Ketmen, KTMS Ketmen, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like ULHL Ulabo, ULHL Ulabo, MNAS Manas, etc.

KRNET 30 17:46:18.8:0.1,43:43N:74:63E,h26km,mb2.3 SOME 30 17:46:18.2:43.42N:74:55E,h20km NNC 30 17:46:19.1:0.8,43:41N:74:65E,h0km,mb2.6,mpv2.5, Error ellipse: s-maj=6.1km s-min=3.5km az=132.0

ARL Aral 1.56 187 P Pn 17 46 46.8 -0.9 ARL 1.1nm,0.5s 1.56 187 P Pn 17 46 46.8 -0.9

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like CHMS Chumyshy, CHMS Chumyshy, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like ARXS Arxaly, ARXS Arxaly, ARXS Arxaly, etc.

IDC 30 17:17:17.6:1.1,2:20N:123:12E,h0km,mb3.5/5, mb1 3.7/5,mb1mx3.5/30,mbtmp3.5/5,Error ellipse:

NEIC 30 17:54:38.2:3.3,6:58S:0:10:154:30E:0.09,h57km,7km, mb4.1/12,Error ellipse: s-maj=16.2km s-min=11.3km az=218.0

IDC 30 17:54:43.5:1.9,6:16S:153:95E,h98km,14km,mb3.7/9, mb1 3.0/13,mb1mx3.6/39,mbtmp4.1/13,MS3.4/8, Ms1 3.4/8,ms1mx3.0/37,Error ellipse: s-maj=22.3km az=81.0

IS 30 17:54:37.1:0.7,6:62S:0:06:154:43E:0.09,h48km,n42,c135/39,mb4.1/14,MS3.4/5, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Rows include stations like RABL Rabaul, KRVT Kerati, KRVT Kerati, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BWN, VRDI, BPAW, BERT, MENT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASU, PAJU, HARU, RATU, etc.

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

UPP 30 18:22:27.3±0.1, 67.08N±0.29E, h0km, ML2.6, Explosion
IDC 30 18:22:28.0±0.9, 67.07N±21.19E, h0km, mb1 3.3/5,
mb1mx3.0/50, mbtmp3.3/5, ML2.1/5, Error ellipse:
s-maj=11.7km s-min=7.0km az=126.0
HEL 30 18:22:28.2±0.1, 67.10N±20.95E, h0km, ML2.1, Explosion
NAIC 30 18:22:28.5±0.8, 67.06N±21.15E, ML2.6
ISER 30 18:22:30.7±0.0, 67.04N±21.00E, h0km, ML1.8,
ML2.6(NAO), Suspected explosion
BSC 30 18:22:27.0±0.7, 67.06NE±0.02±20.91E±0.03, h0km, n53,
o1501/66, Sweden

ROM 30 18:38:09.0±0.1, 43.430N±0.003±12.500E±0.003,
h9km, Md1.2/1, 1C, Error ellipse: s-maj=0.2km
s-min=0.2km az=342.0, Central Italy

ROM 30 18:38:09.0±0.1, 43.430N±0.003±12.500E±0.003,
h9km, Md1.2/1, 1C, Error ellipse: s-maj=0.2km
s-min=0.2km az=342.0, Central Italy

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MASU, PAJU, HARU, RATU, etc.

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

UPP 30 18:22:27.3±0.1, 67.08N±0.29E, h0km, ML2.6, Explosion
IDC 30 18:22:28.0±0.9, 67.07N±21.19E, h0km, mb1 3.3/5,
mb1mx3.0/50, mbtmp3.3/5, ML2.1/5, Error ellipse:
s-maj=11.7km s-min=7.0km az=126.0
HEL 30 18:22:28.2±0.1, 67.10N±20.95E, h0km, ML2.1, Explosion
NAIC 30 18:22:28.5±0.8, 67.06N±21.15E, ML2.6
ISER 30 18:22:30.7±0.0, 67.04N±21.00E, h0km, ML1.8,
ML2.6(NAO), Suspected explosion
BSC 30 18:22:27.0±0.7, 67.06NE±0.02±20.91E±0.03, h0km, n53,
o1501/66, Sweden

ROM 30 18:38:09.0±0.1, 43.430N±0.003±12.500E±0.003,
h9km, Md1.2/1, 1C, Error ellipse: s-maj=0.2km
s-min=0.2km az=342.0, Central Italy

ROM 30 18:38:09.0±0.1, 43.430N±0.003±12.500E±0.003,
h9km, Md1.2/1, 1C, Error ellipse: s-maj=0.2km
s-min=0.2km az=342.0, Central Italy

30d 19h

Table of astronomical observations for 30 days, 19 hours. Columns include station name, object name, magnitude, position, and time. Includes stations like H01W1, H01W2, H01W3, etc.

2014 DEC

Table of astronomical observations for 2014 December. Columns include station name, object name, magnitude, position, and time. Includes stations like PAYA, CD2, CD2, etc.

1456

Table of astronomical observations for 1456. Columns include station name, object name, magnitude, position, and time. Includes stations like CAPC, UPD2, UPD2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TWG Pinlang, FAKI Fak Fak, FAKI Fak Fak, YULB Yu-li, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CM36 Chiang Mai Arr, CM37 Chiang Mai Arr, CM39 Chiang Mai Arr, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like DHUB DHUBRI, LSA Kul'dur, GTRK Tadong, etc.

1459

Table with columns: STKA, Stephens Creek, 38.69 248 P, P, 19 52 12.7 +1.0, etc.

Table with columns: WRO, Warramunga Arr, 46.42 265 P, P, 19 53 14.1 -0.7, etc.

Table with columns: WRA, Warramunga Arr, 46.61 264 P, P, 19 53 15.1 -1.1, etc.

Table with columns: WRA, Warramunga Arr, 45.56 260 P, P, 20 42 31.5 +0.2, etc.

Table with columns: YJNG, Yonagunijimaku, 0.21 47 P, S, 20 41 12.6 0.0, etc.

Table with columns: EGHF, Guangfu, 0.09 112 P, S, 20 41 13.0 +0.9, etc.

Table with columns: IDC 30 20:54:13.9, 0.8, 64.56N, 17.94W, h0km, mb3.7/14, etc.

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

Table with columns: IDN, Dyangjuhals, 0.19 14 P, P, 20 54 17.9 -1.2, etc.

2014 DEC

Table with columns: IFAG, Fagurholmsmyri, 0.82 154 P, Pg, 20 54 29.9 -1.2, etc.

Table with columns: IAD, Acoelb, 0.91 62 P, Pg, 20 54 30.0 -2.9, etc.

Table with columns: IALF, Alftagfar, 1.35 215 P, S, 20 54 55.1 -4.0, etc.

Table with columns: SUMC, Summit, 11.00 326 P, P, 20 56 57.2 +3.2, etc.

Table with columns: SFJD, Kangerlussuaq, 13.70 295 LR, LR, 21 02 21.5, etc.

Table with columns: GRF, Grafenberg Arr, 21.29 121 eP, P, 20 59 04.3 +1.1, etc.

Table with columns: GERES, GRESS Array B, 22.92 119 P, P, 20 59 20.6 0.0, etc.

Table with columns: KLRM, Klimovskoe, 25.61 72 eP, P, 20 59 37.4 -8.4, etc.

Table with columns: NRIK, Noril'sk, 36.50 35j eP, P, 21 01 21.9 +0.3, etc.

30d 21h

Table with columns: NRIK, comp=Z,7.0nm,1.5s, pmax, pmax, 21 01 45.7 +1.9, etc.

Table with columns: BRVK, Borvoyev, 43.15 62j eP, P, 21 02 16.9 -0.2, etc.

Table with columns: GYAT, Alibaz, 50.42 84 P, P, 21 03 15.1 +0.9, etc.

Table with columns: MK31, Makanchi Arr, 52.75 58j eP, P, 21 03 31.3 -0.2, etc.

Table with columns: AAK, Ala-Archa, 53.27 67j eP, P, 21 03 36.8 +1.2, etc.

Table with columns: WMO, Urumqi, 57.26 56 eP, P, 21 04 08.0 +3.8, etc.

Table with columns: DJA 30 21:03:02.5, 0.4, 4.3 S, 12.9 E, h77km, 6km, M3.9/9, etc.

Table with columns: MOS 30 21:17:22.0, 0.7, 20.30S, 178.58W, h588km, mb5.9/21, etc.

Table with columns: BUI 30 21:17:22.5, 0.0, 20.30S, 178.45W, h600km, mb5.9/61, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like SUJI Sorong, SWI Sorong, MSAL Masohi, KMBL Kambalda, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like GOP Guinayangan, BOAC Boac, MTKI Muara Tewe, GRJI Gresik, etc.

Table with columns for station call letters, name, frequency, and signal strength. Includes stations like JUTU Tsushima, TATO Taipei, TPI Tanjungpandan, SKGR Cibinong, UNV Unalaska, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like TSI Tuntungan, ELK Elko, GSI Gunungsitoli, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like ZEA Zeya, MVO Mesa Verde, TXAR Lajitas Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal Quality. Includes stations like KMI KMI, KMI Kunming, O20A White River Ci, etc.

30d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AMTX Amarillo, TOLK Toolik Lake Re, EGMT Eagleton, etc.

2012 DEC

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like X43A Marvell, OTAV Otavalo, CUSE Cuicocha Este, etc.

1464

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like G54A Lake Saint Pet, O58A Lewisberry, ALGO Algonquin Park, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like J61A Chester, F59A Saint Guillaume, D58A Chemin du LacG, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like SPITS Spitsbergen Ar, ILULI Ilulissat, HOPEN Hopen, etc.

Table with columns for call sign, name, frequency, power, and status. Includes stations like MASF Masafi, ASHO Ashyiah, ASHO Ashyiah, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BRG, RASA, KECS, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KRUC, HUMR, GEMT, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BMRD, RCHB, RCHB, etc.

| | | | | | |
|-------|-------------------------------------------|------------|-------|-------|-----------------|
| STKA | Stephens Creek | 37.46 244 | P | P | 21 29 32.0 +0.4 |
| STKA | Stephens Creek | 37.46 244 | P | P | 21 29 32.0 +0.4 |
| BBOO | Bucklebo | 42.52 243 | P | P | 21 30 09.3 -0.3 |
| JAY | Jayapura | 43.24 289 | P | P | 21 30 20.8 +0.6 |
| WR0 | Warramunga Arr | 43.98 262 | P | P | 21 30 23.6 +0.2 |
| AS31 | Alice Springs | 44.11 257 | P | P | 21 30 24.4 -0.1 |
| ASAR | Alice Springs | 44.11 257 | P | P | 21 30 24.4 -0.1 |
| ASAR | comp=Z,35nm,0.8s,baz=89,slo=4,SNR=10 | | PcP | PcP | 21 31 55.2 -1.3 |
| ASAR | comp=Z,5.3nm,0.7s,baz=104,slo=3.6,SNR=3.3 | | S | S | 21 36 14.3 -1.4 |
| WB2 | Warramunga Arr | 44.17 262 | P | P | 21 30 24.3 -0.5 |
| WB2 | comp=Z,1.2nm,0.5s,baz=97,slo=7.5,SNR=12 | | I | I | 21 30 40.0 |
| WRA | Warramunga Arr | 44.17 262 | P | P | 21 30 24.5 -0.4 |
| WRA | comp=Z,1.3nm,0.9s,baz=100,slo=14,SNR=2.4 | | S | S | 21 36 12.3 -4.2 |
| HMH | Humu'ula Sheep | 45.62 31 | P | P | 21 30 36.9 +0.7 |
| HMH | comp=Z,4.4nm,1.2s | | I | I | 21 31 27.1 -0.2 |
| MTN | Manton Dam | 48.70 271 | P | P | 21 30 58.7 -0.4 |
| FITZ | Fitzroy Crossi | 52.59 262 | P | P | 21 31 27.0 -0.3 |
| FITZ | comp=Z,6.6nm,0.5s,baz=99,slo=6.3,SNR=2.6 | | P | P | 21 31 27.0 -0.3 |
| SIJ1 | Sorong | 52.74 285 | P | P | 21 31 28.4 -0.1 |
| SOE1 | Soe | 56.03 272 | P | P | 21 31 52.6 +1.0 |
| BATI | Baumata | 56.46 271 | P | P | 21 31 55.0 +0.5 |
| PSA0 | Pihlbara Seismi | 57.26 257 | P | P | 21 31 59.0 -0.7 |
| PSA00 | comp=Z,31nm,0.8s | | I | I | 21 31 59.9 |
| MMRI | Maumere | 58.28 272 | P | P | 21 32 05.9 -0.9 |
| MMRI | comp=Z,4.3nm,1.1s | | I | I | 21 32 07.0 |
| MORW | Morawa | 59.48 248 | P | P | 21 32 14.1 -0.5 |
| LWU1 | Luwuk | 60.44 281 | P | P | 21 32 21.6 +0.5 |
| LWU1 | comp=Z,2.6nm,0.8s,baz=112,slo=7.5,SNR=12 | | I | I | 21 32 22.4 |
| GIRL | Giraliti | 62.16 255 | P | P | 21 32 32.2 0.0 |
| TOL12 | Tolitoli | 63.11 282 | P | P | 21 32 38.6 +0.2 |
| MYLDM | Lahad Data | 66.83 285 | P | P | 21 33 03.4 +1.6 |
| MYLDM | comp=Z,2.1nm,0.9s | | I | I | 21 33 21.5 |
| JYT | Yasato | 68.46 325 | P | P | 21 33 11.4 +0.3 |
| JYT | comp=Z,1.5nm,0.8s | | I | I | 21 33 12.2 |
| KKM | Kota Kinabalu | 69.26 285 | P | P | 21 33 16.5 -0.1 |
| KKM | comp=Z,2.26nm,1.0s | | I | I | 21 33 19.4 |
| JMM | Marumori | 69.37 327 | P | P | 21 33 16.7 +0.1 |
| JMM | comp=Z,2.0nm,1.0s | | I | I | 21 33 17.6 |
| UGM | Wanagana | 69.50 269 | P | P | 21 33 17.0 -1.0 |
| UGM | comp=Z,3.2nm,0.8s | | I | I | 21 33 23.2 |
| JGF | Kuroka | 69.58 323 | P | P | 21 33 17.8 -0.1 |
| MJAR | Matsushiro Arr | 69.78 324 | P | P | 21 33 18.6 -0.5 |
| MJAR | comp=Z,6.3nm,0.6s,baz=158,slo=5.9,SNR=16 | | I | I | 21 33 18.8 -0.3 |
| MAJO | Matsushiro | 69.78 324 | P | P | 21 33 18.8 -0.3 |
| MAT | Matsushiro | 69.78 324 | P | P | 21 33 18.5 -0.6 |
| JWT | Wachi | 70.48 321 | P | P | 21 33 23.4 +0.2 |
| JHS | Saito | 71.65 320 | P | P | 21 33 30.6 +0.5 |
| JNU | Nakatsue | 71.81 317 | P | P | 21 33 30.7 -0.4 |
| JNU | comp=Z,1.8nm,0.9s,baz=119,slo=3.9,SNR=5.0 | | I | I | 21 33 30.9 -0.2 |
| JNU | Nakatsue | 71.81 317 | P | P | 21 33 30.9 -0.2 |
| JNU | comp=Z,2.26nm,1.0s | | I | I | 21 33 32.6 |
| ADK | Adak | 71.89 1 | P | P | 21 33 30.5 -0.5 |
| CISI | Cisompet, 1.1s | 72.16 268 | P | P | 21 33 32.5 -1.1 |
| CISI | comp=Z,4.2nm,1.1s | | I | I | 21 33 43.9 |
| ATKA | Atka Island | 72.29 3 | P | P | 21 33 32.7 -0.6 |
| ATKA | comp=Z,2.1nm,0.8s | | I | I | 21 33 33.4 |
| JEW | Eniwo | 72.86 330 | P | P | 21 33 37.1 +0.2 |
| TWG | Piniang | 72.88 303 | P | P | 21 33 35.7 -1.7 |
| TWG | comp=Z,1.6nm,0.7s | | I | I | 21 33 36.8 |
| KSM | Kuching | 72.92 278 | P | P | 21 33 37.9 0.0 |
| KSM | comp=Z,2.0nm,0.8s | | I | I | 21 33 38.7 |
| YULB | Yu-Ii | 73.00 304 | P | P | 21 33 36.6 -1.6 |
| JKA | Kamikawa-asahi | 73.03 332 | P | P | 21 33 40.6 +1.1 |
| JKA | comp=Z,2.3nm,0.9s | | I | I | 21 33 42.0 |
| ASAJ | Asahikawa | 73.33 332 | P | P | 21 33 40.0 +0.5 |
| ASAJ | comp=Z,2.0nm,0.8s,baz=242,slo=6.3,SNR=6.1 | | I | I | 21 33 39.5 -1.4 |
| SSLB | Suanguing | 73.48 304 | P | P | 21 33 40.2 |
| SSLB | comp=Z,1.1nm,0.5s | | I | I | 21 33 39.6 -1.3 |
| TPUB | Ta-pu | 73.48 303 | P | P | 21 33 45.3 -0.9 |
| UNV | Unalaska Valle | 74.56 7 | P | P | 21 33 48.9 |
| UNV | comp=Z,2.4nm,1.0s | | I | I | 21 33 49.9 |
| PEA0B | Petropavlovsk | 75.96 345 | P | P | 21 33 53.8 -0.2 |
| PEA0B | comp=Z,3.0nm,1.1s | | I | I | 21 34 07.4 |
| PETK | Petropavlovsk | 75.96 345 | P | P | 21 33 53.7 -0.4 |
| PETK | comp=Z,1.2nm,0.8s,baz=126,slo=7.3,SNR=9.4 | | I | I | 21 33 58.3 -0.8 |
| SDPT | Sand Point | 76.90 10 | P | P | 21 34 08.3 +0.1 |
| USRK | Ussuriysk Arr | 78.54 326 | P | P | 21 34 08.3 +0.1 |
| USRK | comp=Z,1.0nm,0.7s,baz=132,slo=8.3,SNR=12 | | I | I | 21 34 11.5 +1.2 |
| KMRM | Mail Ridge | 78.90 40 | P | P | 21 34 17.6 |
| KMRM | comp=Z,2.8nm,1.2s | | I | I | 21 34 15.8 +0.3 |
| SLBS | Sierra La Lagu | 79.81 60 | P | P | 21 34 19.2 +0.9 |
| YBH | Yreka Blue Hor | 80.42 39 | P | P | 21 34 19.5 +1.2 |
| YBH | comp=Z,7.0nm,0.7s,baz=240,slo=4.0,SNR=7.3 | | I | I | 21 34 23.5 +0.9 |
| YBH | Yreka Blue Hor | 80.42 39 | P | P | 21 34 19.5 +1.2 |
| NVAR | Mina Array Bea | 81.20 44 | P | P | 21 34 23.5 +0.9 |
| MOD | Modoc Plateau | 81.96 40 | P | P | 21 34 27.3 +1.1 |
| K05A | Summer Lake | 82.10 39 | P | P | 21 34 27.8 +0.8 |
| K05A | comp=Z,1.0nm,0.6s | | I | I | 21 34 28.9 |
| UBPT | Khong Chiam | 82.63 289 | P | P | 21 34 30.1 +0.2 |
| IPM | Ipoth | 82.64 278 | P | P | 21 34 30.8 -0.2 |
| IPM | comp=Z,1.9nm,0.7s | | I | I | 21 34 30.8 |
| PINE | Pine Mountain | 82.71 38 | P | P | 21 34 31.1 +1.1 |
| KULM | Kulim | 83.28 278 | P | P | 21 34 33.8 +0.5 |
| KULM | comp=Z,1.2nm,0.7s | | I | I | 21 34 34.6 |
| GSI | Gunungstigi | 84.75 273 | P | P | 21 34 41.2 +0.6 |
| GSI | comp=Z,3.4nm,1.1s | | I | I | 21 34 42.1 |
| GLB | Gilshina Butte | 86.08 16 | P | P | 21 34 45.5 -0.3 |
| SEY | Seymchan | 86.08 347 | P | P | 21 34 45.5 -0.1 |
| F10A | Beach Ranch, E | 86.13 38 | P | P | 21 34 47.0 +0.5 |
| F10A | comp=Z,9.4nm,0.7s | | I | I | 21 34 47.8 |
| TRF | Thorofore Moun | 86.35 12 | P | P | 21 34 46.7 -0.5 |
| TRF | comp=Z,2.0nm,0.8s | | I | I | 21 34 47.8 |
| RND | Reindeer | 86.61 13 | P | P | 21 34 48.1 -0.2 |
| CCB | Clear Creek Bu | 87.92 13 | P | P | 21 34 53.5 -0.8 |
| CCB | comp=Z,1.6nm,0.7s | | I | I | 21 34 54.1 |
| MDM | Murphy Dome | 88.11 12 | P | P | 21 34 54.1 -1.2 |
| MDM | comp=Z,1.6nm,0.8s | | I | I | 21 34 55.1 |
| ILAR | Eielson Array | 88.22 13 | P | P | 21 34 54.8 -1.0 |
| ILAR | comp=Z,3.8nm,0.5s,baz=217,slo=5.3,SNR=9.7 | | I | I | 21 35 01.1 +0.3 |
| PDAR | Pinedale Array | 89.14 43 | P | P | 21 35 01.1 +0.3 |
| PDAR | comp=Z,4.9nm,0.6s,baz=127,slo=9.8,SNR=4.5 | | I | I | 21 35 01.4 +0.1 |
| DAWY | Dawson | 89.40 16 | P | P | 21 35 01.7 +0.1 |
| DAWY | comp=Z,9.0nm,0.9s | | I | I | 21 35 02.7 |
| CMAR | Chiang Mai Arr | 89.61 29 | P | P | 21 35 03.4 +0.1 |
| CMAR | comp=Z,7.0nm,0.9s,baz=96,slo=3.3,SNR=7.6 | | I | I | 21 35 04.7 +0.9 |
| CHTO | Chiang Mai | 89.74 290 | P | P | 21 35 05.6 |
| CHTO | comp=Z,1.2nm,0.7s | | I | I | 21 35 05.6 |
| ZALV | Zalesovo Beant | 110.05 321 | PKPKP | PKPKP | 21 40 30.2 -1.8 |
| ZALV | comp=Z,2.0nm,0.8s,baz=64,slo=3.4,SNR=2.5 | | P | P | 21 40 31.9 -1.7 |
| MKAR | Makanchi Array | 110.72 314 | PKPKP | PKPKP | 21 40 31.9 -1.7 |
| MKAR | comp=Z,1.8nm,0.6s,baz=108,slo=3.8,SNR=5.3 | | P | P | 21 40 52.3 -1.4 |
| SPITS | Spitsbergen Arr | 121.64 356 | PKP | PKP | 21 40 52.3 -1.4 |
| SPITS | comp=Z,1.1nm,0.9s,baz=45,slo=4.3,SNR=1.6 | | P | P | |

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|-------|--------------------------------------------|------------|-------|-----|-----------------|
| ARU | Arti | 124.78 325 | PKP | PKP | 21 40 59.5 -0.7 |
| ARU | comp=Z,2.5nm,0.4s,baz=134,slo=3.5,SNR=6.6 | | P | P | |
| GEYT | Alibek | 128.29 303 | PKP | PKP | 21 41 07.1 -0.5 |
| GEYT | comp=Z,1.8nm,0.6s,baz=226,slo=3.8,SNR=2.9 | | P | P | |
| ARCS | ARCSS Array B | 128.64 349 | PKP | PKP | 21 41 05.6 -1.7 |
| ARCS | comp=Z,4.6nm,0.6s,baz=137,slo=1.7,SNR=8.4 | | P | P | |
| BELG | Belogoronyev | 132.16 323 | PKP | PKP | 21 41 13.5 -0.9 |
| BELG | comp=Z,2.5nm,1.0s,baz=315,slo=2.9,SNR=1.9 | | P | P | |
| FINES | FINESS Array B | 135.45 343 | PKP | PKP | 21 41 20.4 +0.2 |
| FINES | comp=Z,1.5nm,0.5s,baz=46,slo=4.0,SNR=1.2 | | P | P | |
| NOA | NORSAR Array B | 138.73 353 | PKHkP | PKP | 21 41 16.5 |
| NOA | comp=Z,1.6nm,0.6s,baz=12,slo=2.3,SNR=4.5 | | P | P | |
| NOA | comp=Z,0.8nm,0.6s,baz=14,slo=3.8,SNR=2.9 | | P | P | |
| HFS | Hagfors | 139.27 351 | PKHkP | PKP | 21 41 17.8 |
| HFS | comp=Z,3.8nm,0.4s,baz=88,slo=3.7,SNR=14 | | P | P | |
| AKASO | Malin Array Be | 142.62 331 | PKHkP | PKP | 21 41 29.6 |
| AKASO | comp=Z,1.2nm,0.5s,baz=43,slo=4.3,SNR=27 | | P | P | |
| MBAR | Mbarara | 144.63 238 | PKP | PKP | 21 41 37.8 -0.7 |
| MBAR | comp=Z,1.2nm,0.8s,baz=140,slo=7.7,SNR=7.0 | | P | P | |
| MBAR | Mbarara | 144.63 238 | PKP | PKP | 21 41 38.6 +0.1 |
| GAZ | Gaziantep | 144.72 306 | PKP | PKP | 21 41 38.0 +0.2 |
| EKA | Eskdalemuir Arr | 144.85 3 | PKP | PKP | 21 41 37.0 -0.3 |
| EKA | comp=Z,6.5nm,0.8s,baz=342,slo=2.6,SNR=7.7 | | P | P | |
| KWP | Kawaria Pacla | 146.21 335 | PKP | PKP | 21 41 41.6 -0.5 |
| BRTR | Brattvaag Array B | 146.36 312 | PKP | PKP | 21 41 41.6 +1.0 |
| BRTR | comp=Z,7.0nm,0.7s,baz=132,slo=6.2,SNR=11.1 | | P | P | |
| BUR0 | Burakov Array A | 147.33 300 | PKP | PKP | 21 41 43.7 +0.2 |
| BUR0 | comp=Z,1.3nm,0.5s,baz=75,slo=6.5,SNR=27 | | P | P | |
| MMAI | Mount Meron Arr | 147.31 300 | PKP | PKP | 21 41 45.6 -0.1 |
| MMAI | comp=Z,1.3nm,0.5s,baz=75,slo=6.5,SNR=27 | | P | P | |
| OSTC | Ostas | 147.64 342 | ePKP | PKP | 21 41 46.0 +0.1 |
| CHVC | Chivale | 147.66 343 | ePKP | PKP | 21 41 45.8 -0.2 |
| UPC | Upeca | 147.66 343 | ePKP | PKP | 21 41 46.0 +0.1 |
| CLL | Collm | 147.76 346 | PKP | PKP | 21 41 45.7 -0.4 |
| CLL | comp=Z,3.2nm,0.9s | | I | I | 21 41 50.1 |
| CLL | comp=Z,1.4nm,0.7s | | I | I | 21 41 45.9 -0.3 |
| CLL | Dobruska-Polom | 147.80 342 | ePKP | PKP | 21 41 46.5 +0.2 |
| MLR | Muntele Ros | 147.81 327 | PKP | PKP | 21 41 45.4 -1.3 |
| MLR | comp=Z,8.4nm,0.6s,baz=121,slo=23,SNR=4.8 | | P | P | |
| KRLX | Krailvik | 147.91 341 | ePKP | PKP | 21 41 46.4 -0.2 |
| KRLX | comp=Z,1.5nm,0.4s | | I | I | 21 41 46.4 -0.1 |
| PVCC | Panska Ves | 148.11 344 | PKP | PKP | 21 41 47.1 +0.1 |
| PVCC | comp=Z,1.5nm,0.4s | | I | I | 21 41 52.4 |
| EIL | Elat | 148.38 294 | PKP | PKP | 2 |

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|-------|--------------------------------------------|-----------|------------|------------|------|
| WRA | S | S | 22 04 59.6 | -7.3 | |
| WRA | comp=Z,1.6nm,0.9s,baz=345,slow=15,SNR=6.1 | ScP | 22 06 43.1 | -1.2 | |
| PSA0 | comp=Z,1.2nm,0.9s,baz=351,slow=4.3,SNR=4.3 | P | 22 00 19.9 | +0.2 | |
| LZH | 31.85 192 | P | 22 00 32.5 | +0.8 | |
| LZH | 33.22 325 | eP | 22 00 43.0 | -1.9 | |
| LZH | pP | pP | 22 00 47.5 | -1.0 | |
| LZH | pP | pP | 22 01 40.8 | -2.6 | |
| LZH | comp=Z,1.3nm,1.1s | pmax | | | |
| LZH | comp=Z,7.3nm,4.3s | pmax | | | |
| LZH | comp=Z,500nm,17.9s | LR | LR | | |
| LZH | comp=Z,400nm,18.4s | LR | LR | | |
| LZH | comp=Z,490nm,17.9s | LR | LR | | |
| HHC | Hu-ho-hao-te | 35.58 339 | eP | 22 00 36.3 | +1.6 |
| HHC | comp=Z,1.7nm,1.1s | pmax | pmax | | |
| HHC | comp=Z,250nm,7.6s | LR | LR | | |
| HHC | comp=Z,350nm,17.1s | LR | LR | | |
| HHC | comp=Z,300nm,12.3s | LR | LR | | |
| HHC | comp=Z,460nm,16.2s | LR | LR | | |
| ASAR | Alice Springs | 34.08 168 | P | 22 00 38.8 | -0.4 |
| ASAR | comp=Z,1.8nm,0.3s,baz=355,slow=6.8,SNR=29 | S | 22 05 59.2 | -2.0 | |
| ASAR | comp=Z,0.6nm,0.7s,baz=349,slow=14,SNR=2.9 | ScP | 22 06 57.0 | +0.8 | |
| ASAR | comp=Z,1.0nm,0.9s,baz=350,slow=4.7,SNR=5.2 | LR | 22 15 31.2 | | |
| USRK | Ussuriysk Ar. | 34.59 7 | P | 22 00 45.1 | +1.8 |
| CTA | Charters Tower | 35.57 147 | P | 22 00 53.3 | +1.3 |
| CTA | comp=Z,4nm,0.2s,baz=334,slow=1.1,SNR=6.8 | P | 22 00 52.9 | +0.9 | |
| CTAO | Charters Tower | 35.57 147 | P | 22 01 01.9 | |
| SHL | Shilling | 36.27 300 | P | 22 00 57.7 | -0.6 |
| GTA | Gaotai | 37.82 326 | pP | 22 01 16.8 | -8.0 |
| GTA | sP | pP | 22 01 19.5 | -7.6 | |
| GTA | comp=Z,6.0nm,0.7s | pmax | pmax | | |
| GTA | comp=Z,120nm,5.8s | LR | LR | | |
| GTA | comp=Z,170nm,17.1s | LR | LR | | |
| GTA | comp=Z,130nm,16.7s | LR | LR | | |
| GTA | comp=Z,250nm,17.1s | LR | LR | | |
| LSA | Lhasa | 38.39 306 | P | 22 01 16.2 | -0.3 |
| HNH | Honiara | 38.48 119 | LR | 22 14 50.7 | |
| KLR | Kul'dur | 39.54 6 | P | 22 01 26.1 | +0.9 |
| KLR | comp=Z,1.1nm,0.5s,baz=203,slow=5.0,SNR=5.7 | PcP | 22 03 32.1 | +0.3 | |
| H113 | WAKE ISLAND Hy 39.93 | 73 T | 22 04 21.7 | | |
| MORW | Morawa | 39.93 194 | P | 22 01 29.3 | +0.5 |
| MORW | comp=Z,28nm,1.3s | IAMB | 22 01 36.0 | | |
| H1151 | WAKE ISLAND Hy 39.94 | 73 T | 22 44 23.7 | | |
| H1152 | WAKE ISLAND Hy 39.95 | 73 T | 22 44 24.9 | | |
| H1151 | WAKE ISLAND Hy 40.28 | 71 T | 22 44 50.8 | | |
| H1152 | WAKE ISLAND Hy 40.29 | 71 T | 22 44 51.6 | | |
| H1153 | WAKE ISLAND Hy 40.30 | 71 T | 22 44 52.5 | | |
| TAPN | Taplejung | 40.39 301 | eP | 22 01 32.7 | -0.2 |
| FORT | Forrest | 40.40 178 | P | 22 01 33.2 | +0.7 |
| ODAN | Odare | 40.51 300 | eP | 22 01 33.2 | +0.7 |
| RAMN | Ramite | 41.21 300 | eP | 22 01 39.3 | -0.4 |
| ULN | Ulanbator | 41.28 340 | P | 22 01 40.1 | +0.2 |
| SOMN | Songino Array | 41.48 340 | P | 22 01 41.5 | +0.0 |
| SOMN | comp=Z,1.7nm,0.5s,baz=156,slow=10,SNR=34 | PcP | 22 03 38.7 | +0.4 | |
| SOMN | comp=Z,1.1nm,0.7s,baz=151,slow=4.8,SNR=2.9 | ScP | 22 07 23.8 | 0.0 | |
| GUN | Gumba | 42.10 301 | eP | 22 01 45.8 | -1.3 |
| PKI | Pulchoki | 42.40 300 | eP | 22 01 48.7 | -0.8 |
| PKIN | Pulchoki | 42.42 300 | eP | 22 01 48.8 | -0.8 |
| EIDS | Eidavold | 42.45 146 | P | 22 01 50.7 | +1.3 |
| KKN | Kakant | 42.58 301 | eP | 22 01 49.3 | -1.5 |
| DMN | Daman | 42.67 300 | eP | 22 01 50.3 | -0.3 |
| WBOO | Buckleboo | 43.38 168 | P | 22 01 57.4 | +0.5 |
| NWAO | Narogin (SRO) | 43.40 191 | P | 22 01 55.8 | -1.2 |
| NWAO | Narogin (SRO) | 43.40 191 | P | 22 01 58.0 | +1.0 |
| STKA | Stephens Creek | 43.94 161 | eP | 22 02 01.3 | -0.1 |
| STKA | comp=Z,5.2nm,0.7s,baz=339,slow=8.6,SNR=1.3 | LR | 22 22 16.0 | | |
| STKA | comp=Z,92nm,21.4s,baz=14,slow=39 | P | 22 02 02.2 | +0.8 | |
| DANN | Dangsing | 44.02 301 | eP | 22 02 01.1 | -1.4 |
| TLY | Talaya | 45.70 340 | P | 22 02 15.6 | +0.4 |
| TLY | comp=Z,4nm,0.8s | IAMB | 22 02 20.7 | | |
| ARMA | Armidale | 46.79 150 | P | 22 02 26.1 | +2.0 |
| ARMA | comp=Z,1.6nm,1.3s | IAMB | 22 02 31.8 | +1.2 | |
| HYB | Hyderabad | 47.01 285 | iP | 22 02 26.0 | 0.0 |
| WMQ | Urumqi | 47.65 322 | eP | 22 02 31.8 | +1.2 |
| WMQ | comp=Z,1.3nm,1.1s | pmax | pmax | | |
| WMQ | comp=Z,1.90nm,5.1s | LR | LR | | |
| WMQ | comp=Z,480nm,12.9s | LR | LR | | |
| WMQ | comp=Z,560nm,15.5s | LR | LR | | |
| WMQ | comp=Z,430nm,20.7s | LR | LR | | |
| PEA0B | Petrovsk | 49.99 24 | P | 22 02 48.0 | -0.3 |
| PETK | Petrovsk | 49.99 24 | P | 22 02 50.4 | +2.1 |
| TOO | Toolangi | 50.42 160 | P | 22 02 56.7 | +0.7 |
| TOO | comp=Z,1.6nm,1.2s | IAMB | 22 02 55.7 | | |
| DZM | Mont Dzumac | 50.47 129 | eP | 22 02 53.6 | +1.1 |
| DZM | comp=Z,3.1nm,1.1s | P | 22 02 54.3 | +1.8 | |
| DZM | comp=Z,8.9nm,0.9s,baz=18,slow=7.7,SNR=3.5 | P | 22 02 53.3 | +0.8 | |
| DZM | comp=Z,15nm,1.1s | IAMB | 22 02 59.2 | | |
| YAK | Yakutsk | 52.17 2 | P | 22 03 04.1 | -0.4 |
| MK31 | Makanchi Array | 52.46 323 | P | 22 03 07.0 | -0.9 |
| MK31 | comp=Z,5.4nm,0.7s | P | 22 03 06.5 | -0.5 | |
| MKAR | Makanchi Array | 52.46 323 | P | 22 03 06.5 | -0.5 |
| MKAR | comp=Z,7.6nm,0.7s,baz=122,slow=8.2,SNR=8.6 | ScP | 22 08 09.3 | -0.4 | |
| MAKZ | Makanchi | 52.65 323 | P | 22 03 07.8 | -0.6 |
| MAKZ | comp=Z,1.9nm,1.1s,baz=123,slow=4.5,SNR=5.9 | IAMB | 22 03 08.8 | | |
| KSH | Kashi | 53.62 312 | P | 22 03 16.5 | +0.7 |
| KSH | comp=Z,1.0nm,0.6s | pmax | pmax | | |
| KSH | comp=Z,120nm,7.1s | pmax | pmax | | |
| KDJ | Kajisay | 53.69 315 | P | 22 03 15.5 | -0.8 |
| NIL | Nilore | 54.09 306 | P | 22 03 17.9 | -1.3 |
| BOOM | Boomskeye usch | 54.68 316 | P | 22 03 22.7 | -0.9 |

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|-------|--------------------------------------------|-----------|------------|------------|------|
| BOOM | comp=Z,8.1nm,1.1s | IAMB | 22 03 29.1 | | |
| ZAA0 | Zalozovo Array | 55.08 331 | P | 22 03 24.8 | -1.2 |
| ZALV | Zalozovo Beam | 55.08 331 | P | 22 03 25.1 | -0.8 |
| ZALV | comp=Z,2.7nm,0.3s,baz=120,slow=3,SNR=16 | PcP | 22 04 25.8 | -1.0 | |
| AAK | Ala-Archa | 55.73 315 | P | 22 03 30.6 | -0.5 |
| ARSB | Arslanbob | 56.37 313 | P | 22 03 35.4 | -0.2 |
| KURK | Kurchatov | 56.51 326 | P | 22 03 35.9 | -0.3 |
| BTK | Batken | 57.57 311 | P | 22 03 44.0 | -0.1 |
| KBL | Kabul | 57.69 305 | P | 22 03 44.3 | -0.9 |
| KBL | comp=Z,4.6nm,0.8s | IAMB | 22 03 45.2 | | |
| KK31 | Kararay Array | 58.65 315 | P | 22 03 50.6 | -0.9 |
| KK31 | comp=Z,9.0nm,1.4s | IAMB | 22 03 51.7 | | |
| KKAR | Kararay Array | 58.65 315 | P | 22 03 50.9 | -0.6 |
| KKAR | comp=Z,9.0nm,1.4s | IAMB | 22 03 51.7 | | |
| TIXI | Tiksi | 61.80 1 | P | 22 04 13.2 | +0.7 |
| BRVK | Borovoye | 62.17 325 | P | 22 04 14.8 | -0.5 |
| BRVK | comp=Z,6.3nm,0.8s | IAMB | 22 04 15.7 | | |
| HRA | Herat | 63.22 304 | P | 22 04 22.2 | -0.7 |
| HRA | comp=Z,4.7nm,0.8s | IAMB | 22 04 23.0 | | |
| BILL | Bilibino | 63.80 16 | P | 22 04 26.3 | +0.5 |
| NR1K | Norik'sk | 64.48 346 | P | 22 04 30.4 | +0.2 |
| NR1K | comp=Z,2.8nm,0.7s,baz=150,slow=7,SNR=4.5 | P | 22 04 29.9 | -0.3 | |
| NR1K | Norik'sk | 64.48 346 | P | 22 04 29.9 | -0.3 |
| NR1K | comp=Z,9.5nm,1.2s | IAMB | 22 04 45.6 | | |
| GEYT | Alibek | 66.91 307 | P | 22 04 46.1 | -0.5 |
| GEYT | comp=Z,1.1nm,0.8s,baz=157,slow=4.2,SNR=17 | P | 22 04 45.8 | -0.8 | |
| GYA0B | ALIBEK ARRAY | 66.91 307 | P | 22 04 45.8 | -0.8 |
| GYA0B | comp=Z,1.0nm,1.0s | IAMB | 22 04 50.9 | | |
| LBZ | Lake Benmore | 66.92 147 | P | 22 04 48.4 | +2.0 |
| ABKAR | Abkarak array | 67.30 319 | P | 22 04 48.0 | -0.7 |
| BKZ | Bakul Stump Fm | 67.36 140 | P | 22 04 51.0 | +1.7 |
| MSWZ | Moikau Station | 67.91 142 | P | 22 04 53.2 | +0.5 |
| ARU | Arti | 69.67 327 | P | 22 05 02.6 | -0.8 |
| ARU | comp=Z,8.7nm,0.8s | IAMB | 22 05 03.3 | | |
| SOCY | Socotra | 70.93 280 | P | 22 05 11.0 | -1.0 |
| RDOG | Red Dog Mine | 73.77 22 | P | 22 05 27.3 | -0.5 |
| RDOG | comp=Z,12nm,1.1s | IAMB | 22 05 43.7 | | |
| TTA | Tatalina | 75.67 27 | P | 22 05 41.0 | +2.0 |
| TTA | comp=Z,1.0nm,1.4s | IAMB | 22 05 45.5 | +0.4 | |
| CASY | Casey | 76.79 187 | P | 22 05 45.9 | |
| CASY | comp=Z,9.6nm,0.8s | IAMB | 22 05 49.9 | | |
| RAYN | Ar Rayn | 78.55 292 | P | 22 05 51.3 | -0.8 |
| RAYN | comp=Z,6.5nm,0.8s | IAMB | 22 05 52.5 | | |
| BPAW | Bear Paw Mtn. | 78.00 26 | P | 22 05 54.3 | +2.2 |
| BPAW | comp=Z,9.6nm,1.0s | IAMB | 22 06 04.3 | | |
| AKH | Akhalkalaki | 78.27 310 | P | 22 05 54.1 | -0.1 |
| COLD | Coldfoot | 78.45 23 | P | 22 05 56.4 | +1.9 |
| KBZ | Khabab | 78.60 313 | P | 22 05 55.5 | -0.2 |
| KBZ | comp=Z,4.3nm,0.9s,baz=169,slow=8.0,SNR=5.0 | P | 22 05 57.6 | +1.5 | |
| TOLK | Toolik Lake Re | 78.74 22 | P | 22 06 12.5 | |
| TOLK | comp=Z,9.0nm,0.9s | IAMB | 22 06 16.2 | | |
| KIV | Kislovodsk | 78.74 313 | P | 22 05 56.7 | 0.0 |
| KIV | comp=Z,12nm,0.9s | IAMB | 22 05 58.0 | | |
| MDM | Murphy Dome | 79.21 26 | P | 22 05 59.5 | +0.8 |
| MDM | comp=Z,1.8nm,1.5s | IAMB | 22 06 03.0 | | |
| CCB | Clear Creek Bu | 79.39 26 | P | 22 06 07.7 | +1.0 |
| ILAR | Eielson Array | 79.79 26 | P | 22 06 02.3 | +0.5 |
| ILAR | comp=Z,1.1nm,0.7s,baz=190,slow=5.5,SNR=11 | P | 22 06 01.2 | -1.7 | |
| KLMR | Klimovskoe | 79.98 330 | eP | 22 06 06.1 | -1.7 |
| KLMR | comp=Z,2.0nm,1.5s | AMP | 22 06 14.7 | | |
| K27K | Chicken | 81.92 26 | P | 22 06 14.7 | +1.5 |
| KEV | Kevo | 84.09 340 | P | 22 06 24.7 | +0.5 |
| SPA0 | Spitsbergen Ar | 84.48 349 | P | 22 06 29.9 | +0.7 |
| INUK | Inuvik | 84.65 22 | P | 22 06 27.7 | +0.6 |
| INUK | comp=Z,8.0nm,1.1s | IAMB | 22 06 42.8 | | |
| ARCES | ARCES Array B | 84.66 340 | P | 22 06 27.8 | +0.6 |
| ARCES | comp=Z,2.4nm,0.3s,baz=80,slow=6.1,SNR=35 | P | 22 06 32.8 | -1.4 | |
| BRTR | Keen Array B | 85.91 309 | P | 22 06 35.6 | -0.1 |
| BRTR | comp=Z,3.1nm,0.9s,baz=76,slow=7.8,SNR=6.6 | P | 22 06 35.3 | -0.4 | |
| FLA1 | FINESSE Array S | 86.34 332 | P | 22 06 38.8 | -0.4 |
| FLA1 | comp=Z,4nm,0.3s,baz=130,slow=4.4,SNR=59 | P | 22 06 38.8 | -0.4 | |
| CSS | Mathiasia | 86.94 305 | P | 22 06 38.8 | -0.4 |
| AKASG | Malin Array Be | 86.99 321 | P | 22 06 38.6 | -0.5 |
| AKASG | comp=Z,0.5nm,0.3s,baz=61,slow=4.7,SNR=8.7 | P | 22 06 38.4 | -0.6 | |
| AKBB | Malin Array Si | 86.99 321 | P | 22 06 38.4 | -0.6 |
| AKBB | comp=Z,8.3nm,1.1s | IAMB | 22 06 39.8 | | |
| PPT | Papeete | 87.31 108 | LR | 22 38 10.5 | |
| PPT | comp=Z,7.7nm,20.5s,baz=190,slow=30 | LR | 22 06 42.2 | +0.5 | |
| C36M | Pualutuk | 87.62 20 | P | 22 06 47.9 | +1.2 |
| EUNU | Eureka | 88.69 5 | P | 22 06 55.5 | |
| EUNU | comp=Z,1.0nm,1.4s | IAMB | 22 06 57.6 | | |
| MAW | Mawson | 89.32 200 | LR | 22 42 57.6 | |
| MAW | comp=Z,7.4nm,20.5s,baz=61,slow=33 | LR | 22 06 50.6 | -0.7 | |
| KMBO | Kilima Mbogo | 89.49 269 | P | 22 06 50.6 | -0.7 |
| KMBO | comp=Z,4.8nm,1.0s,baz=65,slow=5.5,SNR=8.2 | P | 22 06 50.6 | -0.7 | |
| VNDA | Vanda | 89.47 173 | P | 22 06 50.2 | 0.0 |
| VNDA | comp=Z,1.4nm,0.7s,baz=300,slow=6.1,SNR=8.2 | LR | 22 06 11.5 | | |
| VNDA | comp=Z,2.4nm,20.1s,baz=173,slow=35 | LR | 22 06 50.8 | +0.6 | |
| VNDA | comp=Z,3.7nm,0.8s | IAMB | 22 07 03.0 | | |
| DAG | Danmarks Havn | 91.21 352 | iP | 22 06 58.0 | -0.4 |
| DAG | Danmarks Havn | 91.21 352 | iP | 22 06 58.0 | -0.4 |
| KWP | Kalwaria Pacla | 91.31 321 | P | 22 06 59.7 | +0.2 |
| RES | Resolute Bay | 91.91 10 | P | 22 07 02.9 | +1.2 |
| RES | comp=Z,4.8nm,1.1s | IAMB | 22 07 11.7 | | |
| CRVS | Cervencia-Dubn | 92.31 320 | eP | 22 07 05.2 | +1.1 |
| NB2 | NORSAR Subarra | 92.31 334 | P | 22 07 06.8 | -1.3 |
| NB2 | comp=Z,1.6nm,0.6s,baz=66,slow=4.6 | P | 22 11 47.3 | -7.2 | |
| NB2 | NORSAR Subarra | 92.31 334 | P | 22 07 06.8 | -1.3 |
| NOA | NORSAR Array B | 93.21 334 | P | 22 07 07.1 | -1.0 |
| NOA | comp=Z,1.4nm,0.8s,baz=77,slow=6.0,SNR=6.0 | P | 22 07 09.7 | +0.7 | |
| DBG | Daneborg | 93.49 269 | iP | 22 07 13.2 | +1.1 |
| YKA | Yellowknife Ar | 94.11 24 | P | 22 07 13.2 | +1.1 |
| YKA | comp=Z,2.0nm,0.7s,baz=304,slow=3.9,SNR=20 | | | | |

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, Pn, Time, Res. Includes stations like TX32, ABTX, MIAR, X51A, U40A, T42A, etc.

ADC 30 22:10:16.50,7.28,67N,51.90E, h0km, mb4, 0/25, mb1 4.1/32, mb1mx4.0/45, mbmp4.0/32, ML3.7/6, MS3.9/7, Ms1 3.9/7, ms1mx3.4/43, Error ellipse: s-maj=16.8km s-min=12.3km az=6.0

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, P, S, Pn, Time, Res. Includes stations like AHBU, KAZI, SHI, JHRM, etc.

Main table with columns: Station Name, Az, El, Azimuth, Elevation, P, S, Pn, Time, Res. Includes stations like NAZ, MASF, ASHO, etc.

Table with columns: Station Name, Az, El, Azimuth, Elevation, P, S, Pn, Time, Res. Includes stations like WBK, SBVZ, JLN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, WRA Warramunga Arr, and various other locations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and various other locations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPH Peshkopia, TIR Tirane, and various other locations.

MAN 30 22:18:30.0, 8.89N, 126.54E, h1km, mb4.4, ML3.3, MS3.1
IDC 30 22:18:30.1, 5.70N, 122.42E, h0km, mb3.5/5,
mb1 3.2/5, mb1mx3.3, 0.0, mb1mp3.5/5, Error ellipse:
s-maj=97.8km s-min=22.1km az=59.9

PRU 30 23:10:54.0, 0.0, 41.29N, 20.18E, h0km
ATH 30 23:10:55.1, 41.61N, 20.26E, h15km, 2km, ML3.4/2, Error
ellipse: s-maj=4.4km s-min=1.1km az=184.0

Code Station Name Az AzZ Phase ID Time Res
PHP Peshkopia 0.25 42 Op ISC 23 11 01.5 -0.5
PHP baz=40 S Sg 23 11 05.6 +0.2

31d Oh

Table with columns for station code, name, frequency, and signal strength. Includes stations like QSPA South Pole Qui, JGAR Kuroka, MJAR Matsushiro Arr, etc.

2014 DEC

Table with columns for station code, name, frequency, and signal strength. Includes stations like NJ2 Nanjing, EDW2 Edwards Air Fo, MONP2 Monument Peak, etc.

1476

Table with columns for station code, name, frequency, and signal strength. Includes stations like GRAC baz=236, FURC Furnace Creek, SHOC Shoshone, Teco, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Sidney, Rabbit Creek A, RC01, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SKAG, PAX, MINTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PDAR, SMCO, BOZ, etc.

31d Oh

Table with columns for call sign, frequency, power, and other technical details. Includes entries like SONM, LKP, SAHI, KSH, etc.

2014 DEC

Table with columns for call sign, frequency, power, and other technical details. Includes entries like CHKK, G58A, I59A, TULEG, etc.

1478

Table with columns for call sign, frequency, power, and other technical details. Includes entries like NRS, SCO, HAMF, GEYT, etc.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like MILM, LNIZ, BSEG, IAS, HLG, VASR, etc.

2014 DEC

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like NEUB, GTTG, NEUB, GTTG, etc.

31d Oh

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like GEC2, GERES, GERES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CGJI Cibinong, KLSI, CM31 Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GHO Glory Hole Cre, KSH Kashi, KSH Kashi, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like LRM Limekiln Ridge, BOZ Bozeman (W), DUG Dugway, etc.

31d 1h

Table with columns: CPUP, Villa Florida, 22.90 137, P, P, 00 44 02.8 0.0, etc. Lists various stations and their coordinates and status.

2015 DEC

Table with columns: PSAD3, Pilbara Seismi, 145.61 204, PKPdf, 00 58 36.6 -0.8, etc. Lists seismic events and station data.

1482

Table with columns: IDC 31 01:11:42.91, 6.2, 272N, 126.95E, h0km, mb3.3/5, etc. Lists specific seismic events with detailed parameters.

Principal axes: T 6.4530, Plg59.0000°, Azm301.0000°;
 N 0.1210, Plg29.0000°, Azm142.0000°; P -6.5640,
 Plg9.0000°, Azm47.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface/mantle waves,
 cutoff=50s. Triangular moment-rate function
 NEIC 31 01:37:36.4:49S:144.00E, h136km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr4.63;
 Mw=2.52; Mw=2.11; Mw=0.88; Mw=4.15; Mw=3.21; Fault
 plane solution: M6:67000°1017° NP1:φ=341.00000°;
 δ=4.00000°; λ126.00000°. NP2:φ=106.00000°; δ=45.00000°;
 λ44.00000°. Principal axes: T 6.6190, Plg58.0000°;
 Azm302.0000°; N 0.0291, Plg31.0000°, Azm142.0000°;
 P -6.7101, Plg9.0000°, Azm47.0000°;
 NEIC 31 01:37:46.1:46S:144.30E, h111km, Moment Tensor
 Solution. Moment tensor: Scale 10¹⁷Nm; Mr5.52;
 Mw=1.16; Mw=4.36; Mw=0.46; Mw=4.49; Mw=3.28; Fault
 plane solution: M7:47000°1017° NP1:φ=346.61000°;
 δ=59.59000°; λ117.48000°. NP2:φ=120.83000°; δ=40.08000°;
 λ51.82000°. Principal axes: T 6.9613, Plg64.0000°;
 Azm305.0000°; N 1.0183, Plg23.0000°, Azm152.0000°;
 P -7.9796, Plg11.0000°, Azm57.0000°;
 ISC 31 01:37:33.7:0.3, 4.46S:144.06E:0.03, h123km, 2km,
 h124km, pP-P, n205, r1946/1269, mb5.7/295, 98C-50D,
 Near north coast of New Guinea

| Code | Station Name | 3° AZ | Op | Phase ID | ISC | Time | Res | ISC |
|-------|--------------------------|------------------------------------------------|------|----------|-----|------------|------|-----|
| | | | | | | h m s | ISC | |
| JAY | Jayapura | 3.86 300 | P | | | 01 38 32.0 | +0.4 | |
| JAY | | 136m, 0.3s, baz=153, slow=6.6, SNR=97 | S | | | | | |
| JAY | | 80m, 0.3s, baz=31, slow=16, SNR=3.7 | S | | | 01 39 16.0 | -0.4 | |
| JAY | Jayapura | 3.86 300 | P | | | 01 38 31.3 | -0.3 | |
| MANU | Manus Island | 4.08 54 | P | | | 01 38 37.2 | +2.7 | |
| GENI | Genyem | 4.30 295 | P | | | 01 38 37.4 | 0.0 | |
| MMPI | Merauke | 5.52 222 | P | | | 01 38 53.3 | +1.2 | |
| PMG | Port Moresby | 5.80 148 | P | | | 01 38 57.9 | +0.4 | |
| PMG | | 249m, 0.3s, baz=336, slow=8.2, SNR=379 | S | | | | | |
| PMG | | 204m, 0.3s, baz=310, slow=22, SNR=17 | S | | | 01 39 59.0 | -3.8 | |
| PMG | Port Moresby | 5.80 148 | P | | | 01 38 57.1 | -0.3 | |
| PMG | Port Moresby | 5.80 148 | P | | | 01 38 57.2 | -0.3 | |
| SMPI | Sarmi | 5.83 295 | P | | | 01 38 59.3 | +0.8 | |
| KRVT | Keravat (A5076) | 7.95 89 | P | | | 01 39 29.2 | +2.7 | |
| RABL | Rabaul | 8.05 98 | P | | | 01 39 30.7 | +2.3 | |
| BAKI | Blak | 8.98 292 | P | | | 01 39 33.7 | -1.3 | |
| COEN | Coen | 9.48 185 | Pn | | | 01 39 48.8 | +1.6 | |
| KMPI | Kaimana, Papua | 10.36 274 | P | | | 01 39 54.2 | -4.8 | |
| FAKI | Fak Fak | 11.88 277 | P | | | 01 40 17.2 | -2.1 | |
| FAKI | Fak Fak | 11.88 277 | Pn | | | 01 40 17.2 | -2.1 | |
| SAUI | Saui | 13.16 254 | P | | | 01 40 36.8 | +0.9 | |
| SIJI | Sorong | 13.26 285 | P | | | 01 40 36.9 | -0.5 | |
| SIJI | | 18m, 0.3s, baz=82, slow=10.0, SNR=28 | LR | | | 01 47 33.9 | | |
| SWI | Sorong | 13.27 285 | P | | | 01 40 37.8 | +0.4 | |
| MTSU | Mount Surprise | 13.59 179 | P | | | 01 40 43.1 | +1.5 | |
| KDU | Kakadu | 14.07 234 | P | | | 01 40 45.6 | -2.0 | |
| BNDI | Bandanaira | 14.11 269 | P | | | 01 40 48.6 | +0.4 | |
| MSAI | Masohi | 15.13 274 | P | | | 01 41 01.5 | +0.3 | |
| IS9PW | PALAU INFRASONIC25 321 i | | | | | 03 14 20.0 | | |
| MTN | Manton Dam | 15.24 236 | P | | | 01 41 03.9 | -0.7 | |
| MTN | Manton Dam | 15.24 236 | Pn | | | 01 41 01.1 | -1.5 | |
| MTN | | 18m, 0.3s, baz=107, slow=9.0, SNR=30 | IAMB | | | 01 41 06.1 | | |
| CTA | Charters Tower | 15.68 172 | P | | | 01 41 09.6 | +0.1 | |
| CTA | | comp=Z, 2.0m, 0.3s, baz=349, slow=12, SNR=41 | S | | | | | |
| CTAO | Charters Tower | 15.68 172 | P | | | 01 41 08.8 | -0.6 | |
| CTAO | | comp=Z, 1.0m, 0.3s, baz=96, slow=19, SNR=2.0 | pmx | | | | | |
| CAAI | Charters Tower | 15.68 172 | P | | | 01 41 08.8 | -0.6 | |
| CAAI | Ambon | 15.84 272 | P | | | 01 41 08.6 | -1.4 | |
| HNR | Honiara | 16.52 108 | P | | | 01 41 19.2 | +0.4 | |
| HNR | Honiara | 16.52 108 | P | | | 01 41 18.0 | -0.4 | |
| QIS | Mount Isa | 16.58 195 | P | | | 01 41 18.4 | -0.6 | |
| NLAI | Narame | 16.96 273 | P | | | 01 41 24.2 | +0.5 | |
| TNTI | Ternate | 17.47 287 | P | | | 01 41 29.3 | +0.1 | |
| TNTI | Ternate | 17.47 287 | P | | | 01 41 30.5 | +0.7 | |
| GUMO | Guam | 17.95 3 | P | | | 01 41 34.5 | +0.1 | |
| GUMO | | comp=Z, 1.1m, 0.3s, baz=61, slow=12, SNR=5.0 | LR | | | | | |
| GUMO | Guam | 17.95 3 | P | | | 01 41 40.5 | | |
| GUMO | | comp=Z, 1.1m, 18.5s, baz=186, slow=33 | IAMB | | | | | |
| WRAB | Tennant Creek | 18.06 211 | P | | | 01 41 35.5 | -0.1 | |
| WRAB | | comp=Z, 400m, 1.1s | pmx | | | | | |
| WRAB | | comp=Z, 1.1m, 0.9s | pmx | | | | | |
| WRAB | Tennant Creek | 18.06 211 | P | | | 01 41 36.4 | -0.4 | |
| WRA | Warramunga Arr | 18.07 211 | P | | | 01 41 36.5 | -0.4 | |
| WRA | | comp=Z, 35m, 0.3s, baz=33, slow=11, SNR=531 | S | | | | | |
| WRA | | comp=Z, 1.5m, 0.3s, baz=30, slow=18, SNR=12 | P | | | 01 44 52.5 | -4.3 | |
| WRA | | comp=Z, 2.5m, 0.3s, baz=12, slow=1.9, SNR=6.8 | PcP | | | 01 46 04.8 | 0.0 | |
| WRA | | comp=Z, 0.2m, 0.3s, baz=31, slow=2.1, SNR=1.3 | ScP | | | 01 49 31.1 | +2.3 | |
| WRA | | comp=Z, 1.0m, 21.4s, baz=35, slow=41 | LR | | | 01 49 57.4 | | |
| PATS | Pohnpei | 18.12 52 | P | | | 01 41 39.1 | +1.5 | |
| PATS | Pohnpei | 18.12 52 | P | | | 01 41 38.6 | +1.0 | |
| SANI | Sanana | 18.20 277 | P | | | 01 41 37.0 | -0.2 | |
| KNRA | Kunururra | 18.72 232 | P | | | 01 41 43.2 | +0.4 | |
| KNRA | | comp=Z, 4.65m, 0.9s | IAMB | | | 01 41 46.6 | | |
| SGSI | Sangihe | 20.20 293 | P | | | 01 41 57.5 | -1.5 | |
| SOEI | Soe | 20.32 254 | P | | | 01 42 01.5 | +1.1 | |
| SOEI | Soe | 20.32 254 | P | | | 01 42 01.6 | +1.2 | |
| KMSI | Cibinong | 20.67 284 | P | | | 01 42 03.5 | -0.5 | |
| BATI | Baumata | 21.01 253 | P | | | 01 42 09.0 | +1.3 | |
| BATI | Baumata | 21.01 253 | P | | | 01 42 08.7 | +1.0 | |
| KDI | Kendari | 21.39 271 | P | | | 01 42 12.8 | +1.1 | |
| ASAR | Alice Springs | 21.46 206 | P | | | 01 42 12.8 | +0.3 | |
| ASAR | | comp=Z, 2.76m, 0.8s, baz=35, slow=9.1, SNR=926 | S | | | | | |
| ASAR | | comp=Z, 92m, 1.0s, baz=24, slow=19, SNR=9.2 | LR | | | 01 51 55.2 | | |
| LUWI | Luwuk | 21.53 278 | P | | | 01 42 13.1 | -0.1 | |
| LUWI | Luwuk | 21.53 278 | P | | | 01 42 13.5 | +0.3 | |
| LUWI | Gorontalo | 21.63 293 | P | | | 01 42 15.9 | +1.6 | |
| DAV | Davao City (W) | 21.71 302 | P | | | 01 42 18.1 | +3.0 | |
| DAV | Davao City (W) | 21.71 302 | IAMB | | | 01 42 24.6 | | |
| EIDS | Eidsvold | 21.86 163 | P | | | 01 42 19.4 | +2.8 | |
| EIDS | Eidsvold | 21.86 163 | P | | | 01 42 19.5 | +3.0 | |
| EIDS | | comp=Z, 234m, 0.9s | IAMB | | | | | |
| QLD | Quilpie | 22.00 180 | P | | | 01 46 13.3 | +1.8 | |
| QLD | | comp=Z, 22, SNR=76 | PcP | | | 01 42 19.3 | +1.3 | |

| Code | Station Name | 3° AZ | Op | Phase ID | ISC | Time | Res | ISC |
|--------|----------------|------------------------------------------------|------|----------|-----|------------|------|-----|
| YOJ | Yu-li | 35.49 322 | P | | | 01 42 17.1 | -1.8 | |
| YULB | Jatiwangi | 35.68 265 | P | | | 01 42 16.9 | -1.9 | |
| JCIJ | Jatiwangi | 35.68 265 | P | | | 01 42 23.9 | +2.1 | |
| MSVF | Nonau | 35.78 114 | P | | | 01 42 22.8 | -0.9 | |
| MSVF | | comp=Z, 2.4m, 0.8s, baz=112, slow=23, SNR=14 | PcP | | | | | |
| MSVF | Nonau | 35.78 114 | P | | | 01 42 24.4 | +0.7 | |
| MSVF | | comp=Z, 2.19m, 0.8s, baz=57, slow=9.9, SNR=354 | P | | | 01 46 21.7 | -0.2 | |
| MSVF | | comp=Z, 2.79m, 1.1s, baz=52, slow=18, SNR=7.1 | LR | | | 01 51 16.2 | | |
| MSVF | | comp=Z, 2.2m, 0.5s, baz=32, slow=36 | LR | | | 01 51 23.0 | -0.6 | |
| MSVF | | comp=Z, 2.1m, 0.5s, baz=32, slow=36 | LR | | | 01 51 22.4 | -2.1 | |
| SSLB | Marisa | 22.64 282 | P | | | 01 42 23.9 | -0.7 | |
| SSLB | | comp=Z, 1.3m, 0.3s, baz=25, slow=2.4, SNR=1.0s | P | | | 01 42 25.4 | +0.6 | |
| APSI | Bau Bau | 22.66 278 | P | | | 01 42 35.8 | +0.9 | |
| BSSI | Bulukumba | 23.86 267 | P | | | 01 42 36.0 | 0.0 | |
| BKSI | Bone | 23.88 269 | P | | | 01 42 37.2 | +1.1 | |
| BNSI | Toilitoi | 23.91 283 | P | | | 01 42 35.1 | -1.3 | |
| TOLIZ | | 23.91 283 | IAMB | | | 01 42 39.5 | | |
| BASI | Baing, Sumba | 23.97 255 | P | | | 01 42 37.4 | +0.5 | |
| WSI | Waingapu | 24.13 256 | P | | | 01 42 37.2 | -1.2 | |
| TTSI | Tana Toraja | 24.23 272 | P | | | 01 42 40.3 | +1.0 | |
| SPSI | Sidrap Palu | 24.23 270 | P | | | 01 42 39.4 | +0.1 | |
| KAPI | Kappang | 24.23 268 | P | | | 01 42 40.0 | +0.8 | |
| KAPI | | comp=Z, 2.42m, 0.9s, baz=90, slow=6.3, SNR=41 | PcP | | | 01 46 17.9 | +1.2 | |
| KAPI | | comp=Z, 1.1m, 0.6s, baz=270, slow=1.0, SNR=2.4 | ScP | | | 01 49 46.7 | +2.6 | |
| KAPI | Kappang | 24.23 268 | P | | | 01 42 40.0 | +0.8 | |
| KAPI | | comp=Z, 2.8m, 1.0s, baz=93, slow=8.2, SNR=6.4 | IAMB | | | 01 42 42.4 | | |
| KAPI | | comp=Z, 3.12m, 1.0s | IAMB | | | 01 42 41.9 | -0.8 | |
| MAPA | Mapaga | 24.60 281 | P | | | 01 42 41.9 | -0.8 | |
| SAWU | Sarautout | 25.24 117 | P | | | 01 42 50.7 | +2.3 | |
| SAWU | | comp=Z, 2.84m, 1.1s | IAMB | | | 01 43 20.4 | | |
| WARUKA | Warukma | 25.46 215 | P | | | 01 42 51.0 | +0.7 | |
| PLAI | Plampang | 26.46 259 | P | | | 01 42 56.7 | -2.8 | |
| SGKI | Sanggata, Kalt | 26.71 278 | P | | | 01 43 03.7 | +1.9 | |
| ARMA | Armidale | 26.79 165 | P | | | 01 43 04.4 | +2.0 | |
| ARMA | | comp=Z, 2.7, SNR=14 | P | | | 01 43 04.1 | +1.7 | |
| SMKI | Samarinda | 27.11 278 | P | | | 01 43 04.4 | -1.0 | |
| MYLDM | Lahad Datu | 27.26 290 | P | | | 01 43 08.1 | +1.4 | |
| MYLDM | | comp=Z, 2.09m, 1.1s | IAMB | | | 01 43 15.0 | | |
| BKB | Balikpapan | 27.31 276 | P | | | 01 43 08.0 | +0.9 | |
| TWSI | Taliwang, Sumb | 27.32 160 | P | | | 01 43 07.7 | -3.5 | |
| STKA | Stephens Creek | 27.37 285 | P | | | 01 43 08.5 | +1.1 | |
| STKA | | comp=Z, 4.7m, 0.6s, baz=351, slow=8.8, SNR=136 | ScP | | | 01 49 55.3 | +2.4 | |
| STKA | | comp=Z, 3.8m, 1.2s, baz=2.7, slow=3.9, SNR=4.9 | LR | | | 01 56 08.8 | | |
| STKA | | comp=Z, 6.0m, 1.8s, baz=0.7, slow=4.1 | LR | | | 01 43 07.9 | +0.5 | |

| | | | | | |
|------|--------------------------------------------|-----------|--------|--------|-----------------|
| MA2 | Gumba | 64.58 304 | PcP | PcP | 01 48 28.6 +0.3 |
| GUN | comp-Z,181nm,0.7s | | eP | P | 01 47 59.4 +0.8 |
| PKI | Pulchoki | 64.85 303 | eP | P | 01 48 00.7 +0.3 |
| | comp-Z,180nm,1.6s | | eP | P | |
| PKIN | Pulchoki | 64.81 303 | eP | P | 01 48 00.7 +0.3 |
| | comp-Z,324nm,1.4s | | eP | P | |
| ZAK | Zakamensk | 64.91 333 | eP | P | 01 48 00.2 +0.2 |
| ZAK | | | eP | P | 01 48 31.0 |
| ZAK | comp-Z,167nm,1.1s | | eP | P | |
| ZAK | comp-Z,47nm,1.1s | | eP | P | |
| KKN | Kakanj | 65.04 303 | eP | P | 01 48 03.0 +1.6 |
| | comp-Z,424nm,1.2s | | eP | P | |
| DMN | Daman | 65.12 303 | eP | P | 01 48 03.0 +1.0 |
| | comp-Z,420nm,1.1s | | eP | P | |
| TLY | Talaya | 65.66 334 | eP | S | 01 48 05.2 +0.5 |
| TLY | | | eS | S | 01 56 39.2 -1.4 |
| TLY | comp-Z,238nm,1.4s | | eP | P | 01 57 49.5 |
| TLY | comp-Z,238nm,1.4s | | eP | P | |
| TLY | comp-Z,1um,17.0s | | eP | P | |
| TLY | Talaya | 65.66 334 | eP | P | 01 48 07.2 +1.0 |
| | comp-Z,85nm,1.1s | | eP | P | 01 48 07.2 |
| MDRS | Chennai | 65.71 286 | eP | P | 01 48 06.6 +1.0 |
| IRK | irkutsk | 65.78 334 | eP | P | 01 48 06.6 +1.0 |
| CASY | Casey | 65.99 194 | eP | P | 01 48 06.3 -0.3 |
| CASY | | | eP | P | 01 48 06.5 |
| PPT | Papeete | 66.14 107 | LR | LR | 02 14 59.1 |
| | comp-Z,261nm,19.2s,baz=267,slow=34 | | LR | LR | |
| PPT2 | Papeete2 | 66.14 107 | eS | S | 01 56 47.0 -0.9 |
| | comp-Z,385nm,24.0s | | eS | S | |
| PPT2 | comp-Z,2um,31.0s | | eLQ | LQ | 02 05 23.9 |
| PPT2 | comp-Z,686nm,24.0s | | eLR | LR | 02 08 08.0 |
| DANN | Dangsing | 66.49 303 | eP | P | 01 48 11.1 +0.3 |
| | comp-Z,207nm,0.7s | | eP | P | |
| ATKA | Atka Island | 66.61 27 | P | P | 01 48 10.6 -0.1 |
| BOD | Bodaibo | 66.64 343 | iP | P | 01 48 10.6 -0.1 |
| BOD | | | eP | P | |
| MOY | Mondy | 66.84 332 | eP | P | 01 48 13.3 +0.9 |
| MOY | comp-Z,205nm,2.6s | | eP | P | |
| YAK | Yakutsk | 67.22 353 | P | P | 01 48 14.8 +0.5 |
| | comp-Z,220nm,0.6s,baz=169,slow=2.8,SNR=13 | | eP | P | |
| YAK | comp-Z,19nm,0.6s,baz=165,slow=0.8,SNR=5.1 | | LR | LR | 01 45 29.8 |
| YAK | Yakutsk | 67.22 353 | iP | P | 01 48 14.4 +0.1 |
| YAK | comp-Z,265nm,20.0s,baz=142,slow=34 | | eP | P | |
| YAK | Yakutsk | 67.22 353 | eP | P | 01 48 14.2 -0.1 |
| YAK | comp-Z,163nm,1.7s | | eP | P | 01 48 16.7 +0.6 |
| SEY | Seymchan | 67.50 4 | P | P | 01 48 16.7 +0.6 |
| | comp-Z,40nm,1.0s,baz=179,slow=5.1,SNR=40 | | LR | LR | 02 15 06.2 |
| SEY | comp-Z,362nm,20.9s,baz=197,slow=33 | | LR | LR | |
| SEY | PKP2ab | | | | |
| SEY | comp-Z,2.7nm,0.7s,baz=73,slow=1.6,SNR=5.3 | | LR | LR | |
| SEY | Seymchan | 67.50 4 | eP | P | 01 48 16.9 +0.8 |
| TRD | Trivandrum | 68.14 281 | eP | P | 01 48 22.3 +1.2 |
| TRD | | | eP | P | 01 48 23.4 |
| HYB | Hyderabad | 68.18 291 | iP | P | 01 48 20.0 -1.3 |
| HYB | comp-Z,261nm,19.2s,baz=267,slow=34 | | eP | P | 01 48 46.0 -0.4 |
| HYB | Hyderabad | 68.18 291 | eP | P | 01 48 21.2 -0.1 |
| HYB | | | eP | P | 01 48 24.1 |
| HYB | comp-Z,36nm,0.7s | | eP | P | 01 48 26.2 +1.7 |
| HYB | Amsterdam Isla | 68.76 231 | P | P | 01 48 31.5 +1.0 |
| HYB | Ururugi | 69.73 320 | eP | P | 01 48 31.5 +1.0 |
| WMQ | | | eP | P | 01 48 30.9 +0.6 |
| WMQ | | | eP | P | 01 49 00.8 -0.2 |
| WMQ | | | eP | P | 01 49 09.8 -4.5 |
| WMQ | | | eP | P | 01 57 23.8 -5.8 |
| WMQ | | | eP | P | 01 58 17.0 -2.8 |
| WMQ | comp-Z,180nm,1.5s | | eP | P | |
| WMQ | comp-Z,1um,4.9s | | LR | LR | |
| WMQ | comp-Z,1um,28.9s | | LR | LR | |
| WMQ | comp-Z,3um,29.2s | | LR | LR | |
| WMQ | comp-Z,420nm,22.3s | | LR | LR | |
| UNV | Unalaska Valle | 71.22 28 | Iamb | Iamb | 01 48 41.5 |
| UNV | comp-Z,130nm,1.0s | | Iamb | Iamb | 01 48 41.5 |
| DGAR | Diego Garcia | 71.22 264 | iP | P | 01 48 41.3 +1.3 |
| DGAR | | | eP | P | |
| DGAR | Diego Garcia | 71.22 264 | P | P | 01 48 40.7 +0.7 |
| AKUT | Akutani | 71.74 28 | Iamb | Iamb | 01 48 44.1 |
| | comp-Z,74nm,0.7s | | Iamb | Iamb | |
| GOA | Goa | 72.27 288 | eP | P | 01 48 47.1 +0.9 |
| | comp-Z,140nm,1.1s | | eP | P | 01 48 48.0 |
| DGZ | Jazzator, Alta | 72.70 325 | iP | P | 01 48 48.8 +0.5 |
| POO | Poonra | 72.79 291 | eP | P | 01 48 49.1 +0.3 |
| POO | | | eP | P | 01 48 51.7 |
| SMLA | Simlia | 72.79 304 | eP | P | 01 48 49.4 +0.3 |
| SMLA | | | eP | P | 01 48 50.4 |
| ZSN | Zaisan | 73.15 322 | iP | P | 01 48 51.5 +0.6 |
| | comp-Z,149nm,2.6s,baz=322 | | eS | S | 01 58 08.8 +0.1 |
| ZSN | Zaisan | 73.15 322 | iP | P | 01 48 51.5 +0.6 |
| ZSN | | | eS | S | 01 58 08.8 +0.1 |
| FALS | False Pass | 73.28 29 | Iamb | Iamb | 01 48 52.6 |
| | comp-Z,149nm,2.6s | | Iamb | Iamb | |
| VNDA | Vanda | 73.63 176 | P | P | 01 48 54.2 +1.1 |
| | comp-Z,52nm,0.8s,baz=328,slow=6.5,SNR=240 | | P | P | |
| VNDA | comp-Z,0.6nm,0.7s,baz=225,slow=5.7,SNR=2.4 | | LR | LR | 02 08 29.1 -1.5 |
| VNDA | comp-Z,503nm,18.0s,baz=336,slow=36 | | LR | LR | 02 21 28.8 |
| VNDA | Vanda | 73.63 176 | P | P | 01 48 53.6 +0.5 |
| VNDA | comp-Z,65nm,0.9s | | eP | P | |
| VNDA | Vanda | 73.63 176 | P | P | 01 48 53.6 +0.5 |
| DHRM | DHARAMSHALA | 73.61 305 | eP | P | 01 48 55.2 -0.2 |
| DHRM | | | eP | P | 01 48 56.1 |
| BILL | Bilibino | 74.00 9d | iP | P | 01 48 55.5 +0.1 |
| BILL | | | eP | P | 01 51 37.6 |
| BILL | | | ePPP | PPP | 01 53 24.6 |
| BILL | Bilibino | 74.00 9 | P | P | 01 48 56.0 +0.6 |
| MK31 | Makanchi Array | 74.46 321 | iP | P | 01 48 59.1 +0.6 |
| MK31 | | | eP | P | 01 48 59.1 +0.6 |
| MKAR | Makanchi Array | 74.46 321 | P | P | 01 48 59.1 +0.6 |
| MKAR | comp-Z,1.7nm,1.1s,baz=113,slow=1.1,SNR=4.5 | | P | P | 01 58 24.0 +0.5 |
| MKAR | comp-Z,0.3nm,0.8s,baz=323,slow=2.1,SNR=2.7 | | PKPbc | PKPbc | 02 08 27.6 -0.4 |
| MKAR | comp-Z,0.6nm,0.9s,baz=317,slow=2.8,SNR=2.1 | | PKPPKP | PKPPKP | 02 16 18.9 |
| MKAR | comp-Z,264nm,21.7s,baz=116,slow=35 | | LR | LR | 02 21 20.1 |
| MKAR | Makanchi Array | 74.46 321 | eP | P | 01 48 59.0 +0.5 |
| MAKZ | Makanchi | 74.66 321 | P | P | 01 49 00.3 +0.6 |
| MAKZ | | | eP | P | 01 49 00.3 +0.6 |
| MAKZ | Makanchi | 74.66 321 | P | P | 01 49 00.3 +0.6 |
| MAKZ | | | eP | P | 01 49 01.6 |
| SHLS | Shalkodi | 74.91 317 | iP | P | 01 49 00.6 -0.8 |
| SHLS | comp-Z,130nm,1.8s,baz=317 | | eS | S | 01 49 25.9 -3.0 |

| | | | | | |
|------|--------------------------------------------|-----------|--------|--------|-----------------|
| SHLS | Shalkode | 74.91 317 | iP | P | 01 49 00.5 -0.8 |
| SHLS | | | eS | S | 01 58 25.8 -3.0 |
| PRZ | Przhebr'sk | 75.40 316 | Iamb | Iamb | 01 49 06.8 |
| | comp-Z,130nm,1.8s | | Iamb | Iamb | |
| PKPS | Kokpek | 75.55 317 | iP | P | 01 49 05.6 +0.7 |
| | comp-Z,203nm,2.0s,baz=317 | | iP | P | |
| KPKS | Kokpek | 75.55 317 | iP | P | 01 49 05.6 +0.7 |
| KPKS | | | eP | P | |
| SATY | Saty | 75.60 316 | iP | P | 01 49 06.2 +0.8 |
| | comp-Z,168nm,2.3s | | iP | P | |
| SATY | Saty | 75.60 316 | iP | P | 01 49 06.1 +0.8 |
| | comp-Z,168nm,2.3s | | eP | P | |
| ZALV | Zalesovo Beam | 76.17 328 | P | P | 01 49 08.2 +0.1 |
| | comp-Z,77nm,0.6s,baz=112,slow=5.6,SNR=334 | | PKPbc | PKPbc | 02 08 23.0 -1.6 |
| ZALV | comp-Z,1.1nm,0.7s,baz=337,slow=2.2,SNR=5.7 | | PKPPKP | PKPPKP | 02 16 03.3 |
| ZALV | comp-Z,0.7nm,0.5s,baz=274,slow=5.6,SNR=2.3 | | LR | LR | 02 22 01.4 |
| ZALV | comp-Z,456nm,21.4s,baz=116,slow=35 | | LR | LR | |
| ZALV | Zalesovo Beam | 76.17 328 | iP | P | 01 49 07.6 -0.5 |
| ZALV | comp-Z,77nm,0.6s | | eP | P | 01 49 10.5 -1.8 |
| KSH | Kashi | 76.18 312 | P | P | 01 49 44.0 +4.4 |
| KSH | | | eP | P | 01 52 00.3 -1.2 |
| KSH | | | eP | P | 01 58 42.8 -0.2 |
| KSH | | | eP | P | 01 59 12.0 -0.8 |
| KSH | comp-Z,110nm,1.5s | | eP | P | |
| KSH | comp-Z,2um,6.4s | | eP | P | |
| KSH | comp-Z,550nm,5.3s | | LR | LR | |
| KSH | comp-Z,740nm,8.0s | | LR | LR | |
| TDK | Taldyqorghan | 76.28 318 | iP | P | 01 49 09.9 +0.9 |
| | comp-Z,1um,23.9s | | iP | P | |
| TDK | Taldyqorghan | 76.28 318 | iP | P | 01 49 09.8 +0.9 |
| | comp-Z,351nm,2.0s,baz=318 | | eP | P | |
| MDOK | Medeo | 76.57 316 | iP | P | 01 49 11.9 +1.0 |
| | comp-Z,351nm,2.0s,baz=316 | | eP | P | |
| MDOK | Medeo | 76.57 316 | iP | P | 01 49 11.8 +1.0 |
| TNS5 | Tian-Shan | 76.60 316 | iP | P | 01 49 12.5 +1.2 |
| TNS5 | Tian-Shan | 76.60 316 | iP | P | 01 49 12.5 +1.2 |
| TIXI | Tiksi | 76.61 355 | iP | P | 01 49 08.3 -1.9 |
| TIXI | | | eP | P | |
| TIXI | comp-Z,154nm,1.7s | | eP | P | 01 49 08.4 -1.8 |
| NIL | Nilore | 76.61 355 | P | P | 01 49 12.1 +0.7 |
| NIL | | | eP | P | 01 49 12.1 +0.7 |
| NIL | comp-Z,179nm,0.7s | | eP | P | 01 49 12.1 +0.7 |
| CHKK | Chushkaly | 76.84 317 | iP | P | 01 49 12.2 +0.1 |
| CHKK | Chushkaly | 76.84 317 | iP | P | 01 49 12.2 +0.1 |
| MTBS | Maitube | 76.98 316 | iP | P | 01 49 13.2 +0.1 |
| | comp-Z,316 | | iP | P | |
| MTBS | Maitube | 76.98 316 | iP | P | 01 49 13.2 +0.1 |
| SEM | Semipalatinsk | 77.16 324 | iP | P | 01 49 13.2 +0.1 |
| | comp-Z,86nm,2.3s,baz=324 | | iP | P | |
| SEM | Semipalatinsk | 77.16 324 | iP | P | 01 49 13.4 -0.6 |
| | comp-Z,86nm,2.3s | | eP | P | |
| KUU | Kury | 77.30 317 | iP | P | 01 49 15.2 +0.4 |
| | comp-Z,554nm,2.3s,baz=317 | | eS | S | 01 58 54.4 -0.3 |
| KUU | comp-Z,317 | | eS | S | 01 49 15.1 +0.4 |
| KUU | Kury | 77.30 317 | iP | P | 01 58 54.4 -0.3 |
| | comp-Z,555nm,2.3s | | eS | S | |
| TKM2 | Tokmak 2 | 77.50 316 | P | P | 01 49 16.6 +0.5 |
| TKM2 | Tokmak 2 | 77.50 316 | P | P | 01 49 16.4 +0.3 |
| KBK | Karagaybulak | 77.87 315 | P | P | 01 49 18.9 +0.8 |
| | SNR=81 | | P | P | |
| UCH | Uchter | 78.05 315 | P | P | 01 49 20.7 +1.2 |
| CHMS | Chumyshy | 78.11 315 | P | P | 01 49 19.8 +0.5 |
| | SNR=81 | | P | P | |
| AAK | Ala-Archa | 78.18 315 | P | P | 01 49 20.5 +0.7 |
| | comp-Z,28nm,0.9s,baz=114,slow=4.5,SNR=108 | | P | P | |
| AAK | Ala-Archa | 78.18 315 | P | P | 01 49 20.7 +0.8 |
| | SNR=46 | | P | P | |
| AAK | Ala-Archa | 78.18 315 | iP | P | 01 49 20.2 +0.3 |
| AAK | | | eP | P | |
| AAK | Ala-Archa | 78.18 315 | iP | P | 01 49 20.0 +0.2 |
| KURK | Kurchatov | 78.24 324 | iP | P | 01 49 19.8 +0.1 |
| KURK | | | eP | P | |
| KURK | Kurchatov | 78.24 324 | iP | P | 01 49 19.5 -0.2 |
| KURK | | | eP | P | 01 49 21.4 |
| ANM | Nome | 78.24 20 | P | P | 01 49 20.2 +0.7 |
| ANM | | | eP | P | |
| ANM | Nome | 78.24 20 | P | P | 01 49 20.2 +0.7 |
| KURB | Kurchatov Arra | 78.25 324 | P | P | 01 49 20.1 +0.3 |
| | comp-Z,41nm,0.9s,baz=113,slow=4.9,SNR=174 | | P | P | |
| SGD5 | Sogindy | 78.33 316 | iP | P | 01 49 20.7 +0.2 |
| SGD5 | Sogindy | 78.33 316 | iP | P | 01 49 20.7 +0.2 |
| AML | Almayushy | 78.60 314 | P | P | 01 49 23.5 +1.1 |
| | SNR=76 | | P | P | |
| EKS2 | Eksin-Say | 78.70 315 | P | P | 01 49 23.6 +1.0 |
| | SNR=47 | | P | P | |
| ARSB | Arslanbob | 78.89 313 | P | P | 01 49 24.0 +0.3 |
| ARSB | | | eP | P | |
| ARSB | Arslanbob | 78.89 313 | P | P | 01 49 23.9 +0.3 |
| ARSB | | | eP | P | 01 49 26.2 |
| BTL5 | Baital | 79.21 317 | iP | P | 01 49 25.8 +0.5 |
| | baz=317 | | iP | P | |
| BTL5 | Baital | 79.21 317 | iP | P | 01 49 25.7 +0.5 |
| OHAK | Old Harbor | 79.38 29 | Iamb | Iamb | 01 49 27.8 |
| | comp-Z,114nm,0.7s | | Iamb | Iamb | |
| KDAK | Kodiak Island | 79.96 29 | P | P | 01 49 29.8 +0.8 |
| | comp-Z,251nm,0.7s,baz=269,slow=5.2,SNR=23 | | P | | |

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Table with columns: WRAK, Wrangell Islan, 90.14, 34, Iamb, Iamb, 01 50 21.9, comp=Z,1.9nm,0.6s,baz=147,slow=2,SNR=6.7

Table with columns: CWC, Cottonwood Cre, 98.95, 54, P, Pdif, 01 51 00.8, 0.0, comp=Z,1.9nm,0.6s,baz=147,slow=2,SNR=6.7

Table with columns: MSTX, Muleshoe, 111.65, 55, P, PKKPF, 01 55 04.9, +0.4, comp=Z,1.2nm,0.8s,baz=118,slow=7.0,SNR=4.0

Table with columns: Station, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like PSUB Penn St - Bra, E64A Bridgewater, NHSC New Hope, etc.

Table with columns: Station, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like TORO San Mar de, SMLC comp=Z,6.0nm,0.8s, etc.

Table with columns: Station, Name, Az, El, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzM, ElM, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like MJB9 Matsu-Tunnel, JSG Sagara, etc.

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

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| | | | |
|----------------------|--------------------------------------------|-------|-----------------|
| NIUE Niue | 12.68 62 P | P | 02 50 16.0 -0.5 |
| NIUE Niue | 12.68 62 P | P | 02 50 16.1 -0.4 |
| URZ Urewera | 12.70 184 P | P | 02 50 15.7 -0.8 |
| URZ | 6.8nm,0.3s,baz=260,slow=0.3,SNR=35 | S | 02 52 26.6 -6.1 |
| URZ | 15nm,0.3s,baz=69,slow=2.1,SNR=15 | S | 02 50 14.5 -1.9 |
| HIZ Urewera | 12.70 184 P | P | 02 50 24.2 +2.3 |
| BKZ Black Stump Fm | 12.65 186 P | P | 02 50 37.9 -1.9 |
| SANVU Sarauotua | 14.44 312 P | P | 02 50 33.9 -0.1 |
| BFZ Birch Farm | 15.18 186 P | P | 02 50 39.1 -1.4 |
| BRZ | | Iamb | 02 50 43.7 |
| QRZ comp=Z,88nm,1.2s | | | |
| Quartz Range | 15.99 196 P | P | 02 50 49.4 +1.8 |
| SNZO South Karori | 15.96 190 P | P | 02 50 48.2 +0.3 |
| MSWZ Moikau Station | 16.02 188 P | P | 02 50 47.9 -0.3 |
| BHW Baring Head | 16.06 189 P | P | 02 50 48.3 -0.2 |
| NNZ Nelson | 16.14 193 P | P | 02 50 50.1 +0.9 |
| PLWZ Palliser | 16.16 188 P | P | 02 50 49.7 +0.2 |
| TUWZ Tuamarina | 16.23 192 P | P | 02 50 50.6 +0.5 |
| BSWZ Blackbirch Sta | 16.25 192 P | P | 02 50 54.2 +1.4 |
| KHZ Kahutara | 17.26 192 P | P | 02 50 59.5 0.0 |
| KHZ | | Iamb | 02 51 00.7 |
| LTZ Lake Taylor | 17.88 195 P | P | 02 51 04.8 -0.4 |
| LTZ | | Iamb | 02 51 09.6 |
| LHI Lord Howe Isla | 17.88 246 P | P | 02 51 06.0 +0.6 |
| OXZ Oxford | 18.45 195 Iamb | Iamb | 02 51 11.4 |
| RPZ Rata Peaks | 19.05 196 P | P | 02 51 15.7 |
| RPZ | comp=Z,6.3nm,0.3s,baz=9.6,slow=5.8,SNR=3.4 | S | 02 54 14.2 -3.8 |
| RPZ Rata Peaks | 19.05 196 P | P | 02 51 15.4 -0.4 |
| RPZ Lake Benmore | 19.09 197 P | P | 02 51 23.2 -0.3 |
| RPZ | | Iamb | 02 51 38.0 |
| LRZ Rarotonga | 20.61 82 P | P | 02 51 30.1 -0.1 |
| RAR Rarotonga | 20.61 82 P | P | 02 51 29.4 -0.7 |
| RAR Wether Hill Ro | 21.92 200 P | P | 02 51 42.6 +1.1 |
| WHZ Honiara | 23.67 309 P | P | 02 51 56.8 -0.7 |
| HNR Honiara | 23.67 309 P | P | 02 51 56.8 -0.7 |
| ARMA Armadale | 24.00 252 P | P | 02 52 02.1 +1.8 |
| EIDS Eidsvold | 24.54 265 P | P | 02 52 06.1 +1.0 |
| EIDS Eidsvold | 24.54 265 P | P | 02 52 06.4 +1.3 |
| EIDS | | Iamb | 02 52 07.2 |
| KNTN Kantoro | 24.61 25 P | P | 02 52 05.5 -0.4 |
| MGCD Mangrove Creek | 24.82 246 P | P | 02 52 08.1 +0.6 |
| MGCD | | S | 02 55 49.2 -0.1 |
| RMQ Roma | 26.51 261 P | P | 02 52 24.4 +1.9 |
| CNB Canberra Magne | 26.67 242 P | P | 02 52 26.1 +2.3 |
| YNG Young | 27.24 244 P | P | 02 52 30.9 +2.2 |
| CTA Charters Tower | 29.26 274 P | P | 02 52 53.4 +1.0 |
| CTA | comp=Z,193nm,0.7s,baz=98,slow=11,SNR=435 | S | 02 57 08.6 -0.9 |
| CTA | comp=Z,4.3nm,0.8s,baz=184,slow=23,SNR=9.2 | ScP | 02 58 23.6 +2.1 |
| CTA | comp=Z,14nm,0.9s,baz=103,slow=4.5,SNR=6.4 | ScP | 02 52 53.8 +1.3 |
| CTAO Charters Tower | 29.26 274 P | P | 02 52 53.8 +1.3 |
| TOO Toolangi | 30.24 239 P | P | 02 52 56.6 +2.0 |
| TOO Toolangi | 30.24 239 P | P | 02 52 56.4 +1.8 |
| QLP Quilpie | 30.54 261 P | P | 02 52 58.0 +0.7 |
| TAU Tasmania Unive | 30.66 228 P | P | 02 52 59.8 +1.8 |
| TAU | | Iamb | 02 54 21.7 |
| PAE Paea | 30.84 82 eP | P | 02 53 00.4 +0.4 |
| PPT2 Papeete | 30.87 82 eP | P | 02 53 00.9 +0.6 |
| PPT Papeete | 30.88 82 P | P | 02 53 01.4 +1.1 |
| PPTF Pamatai, Papee | 30.88 82 P | P | 02 53 01.3 +0.9 |
| TIAR Tiarei | 31.09 82 P | P | 02 53 02.7 +0.6 |
| TVO Taravao | 31.10 82 eP | P | 02 53 02.6 +0.4 |
| MEH Mehetia | 32.13 83 eP | P | 02 53 11.1 +0.2 |
| MTSU Mount Surprise | 32.30 276 P | P | 02 53 13.5 +1.0 |
| STKA Stephens Creek | 32.67 250 P | P | 02 53 16.4 +1.1 |
| STKA Stephens Creek | 32.67 250 P | P | 02 53 16.3 +1.1 |
| STKA | comp=Z,19nm,0.5s,baz=94,slow=10,SNR=99 | S | 02 57 48.9 -1.6 |
| STKA | comp=Z,3.8nm,0.8s,baz=322,slow=22,SNR=4.0 | ScP | 02 58 31.4 +0.9 |
| STKA Stephens Creek | 32.67 250 P | P | 02 53 16.5 +1.2 |
| RABL Rabaul | 32.85 306 P | P | 02 53 15.9 -1.1 |
| KRVT Keravat (AS076 | 32.87 206 P | P | 02 53 17.0 -0.2 |
| ARPS Mount Arapiles | 32.94 341 P | P | 02 53 18.6 +1.1 |
| VAH Vaihoo | 33.48 79 eP | P | 02 53 22.6 +0.3 |
| PMG Port Moresby | 33.62 293 P | P | 02 53 23.6 +0.1 |
| PMG | comp=Z,197nm,0.8s,baz=112,slow=5.4,SNR=67 | ScP | 02 58 36.8 +2.7 |
| PMG Port Moresby | 33.62 293 P | P | 02 53 23.9 +0.5 |
| COEN Coen | 34.88 283 P | P | 02 53 35.0 +1.0 |
| HHT Hallett | 34.98 248 P | P | 02 53 51.1 +0.5 |
| KWAI Kwajalein Atol | 35.69 342 P | P | 02 53 40.7 +0.0 |
| QIS Mount Isa | 35.84 270 P | P | 02 53 41.9 +0.1 |
| XMAS Kiriritimati | 36.13 44 P | P | 02 53 45.2 +0.9 |
| BBOO Buclebebo | 37.37 249 P | P | 02 53 54.1 0.0 |
| BBOO Buclebebo | 37.37 249 P | P | 02 53 54.2 0.0 |
| BBOO | | Iamb | 02 53 55.0 |
| MANU Manus Island | 37.84 303 P | P | 02 53 57.9 -0.3 |
| AS31 Alice Springs | 40.24 263 P | P | 02 54 17.7 +0.2 |
| AS31 | | Iamb | 02 54 19.1 |
| ASAR Alice Springs | 40.24 263 P | P | 02 54 17.7 +0.2 |
| ASAR | comp=Z,128nm,0.9s,baz=101,slow=6.1,SNR=672 | PcP | 02 56 06.0 -0.2 |
| ASAR | comp=Z,12nm,0.9s,baz=103,slow=5.8,SNR=5.1 | ScP | 02 58 59.2 +0.1 |
| ASAR | comp=Z,5.2nm,0.9s,baz=100,slow=4.1,SNR=6.8 | ScP | 02 59 42.1 -1.7 |
| ASAR | comp=Z,22nm,1.0s,baz=98,slow=16,SNR=30 | ScP | 02 59 50.0 -1.5 |
| ASAR | comp=Z,0.7nm,0.6s,baz=293,slow=4.5,SNR=6.9 | ScP | 02 54 18.0 +0.5 |
| WR0 Warramunga Arr | 40.57 269 P | P | 02 54 19.3 -0.8 |
| WB2 Warramunga Arr | 40.75 269 P | P | 02 54 20.9 -0.5 |
| WB2 Warramunga Arr | 40.75 269 P | P | 02 54 21.3 -0.2 |
| WRB Tennant Creek | 40.75 269 P | P | 02 54 20.5 -1.0 |
| WRA Warramunga Arr | 40.76 269 P | P | 02 54 21.7 +0.1 |
| WRA | comp=Z,158nm,0.8s,baz=103,slow=8.0,SNR=633 | PcP | 02 56 07.3 +0.6 |
| WRA | comp=Z,13nm,1.1s,baz=96,slow=4.5,SNR=5.9 | ScP | 02 59 02.6 +1.5 |
| WRA | comp=Z,13nm,0.8s,baz=101,slow=3.9,SNR=12 | S | 02 59 47.3 -3.2 |
| WRA | comp=Z,18nm,1.1s,baz=103,slow=12,SNR=15 | S | 03 03 13.2 -1.6 |
| WRA | comp=Z,0.4nm,0.5s,baz=57,slow=0.5,SNR=4.9 | PKiKP | 03 23 48.4 -1.6 |
| WRA | comp=Z,0.4nm,0.6s,baz=297,slow=2.8,SNR=7.0 | SKKS | 02 54 20.8 -0.8 |
| WBO Warramunga Arr | 40.76 269 P | P | 02 54 37.5 0.0 |
| JAY Jayapura | 42.78 296 P | P | 02 54 37.3 -0.2 |
| JAY Jayapura | 42.78 296 P | P | 02 54 37.3 -0.2 |
| JAY | comp=Z,675nm,comp=Z,6.1nm,1.0s | P | 02 54 37.9 -0.1 |

| | | | |
|----------------------|---------------------------------------------|------|-----------------|
| TAOE Nuku Hiva Isla | 42.83 75 P | P | 02 54 39.1 +1.1 |
| GENI Genyem | 43.17 296 P | P | 02 54 40.4 -0.1 |
| FORT Fort 251 | 44.28 251 P | P | 02 54 48.3 -0.5 |
| FORT Forrest | 44.28 251 P | P | 02 54 48.3 -0.5 |
| SMPI Sami | 44.70 295 P | P | 02 54 52.3 0.0 |
| KDU Kudu | 44.91 278 P | P | 02 54 53.2 -0.7 |
| WRKA Warakuma | 44.97 259 P | P | 02 54 54.0 -0.2 |
| MTN Mantou Dan | 46.05 277 P | P | 02 55 01.5 -1.0 |
| MTN Mantou Dan | 46.05 277 P | P | 02 55 01.8 -0.7 |
| MTN | | Iamb | 02 55 04.5 |
| BAKI Bakel | 47.29 294 P | P | 02 55 13.1 +1.2 |
| FITZ Fitzroy Crossi | 49.16 268 P | P | 02 55 25.8 +0.2 |
| FITZ Fitzroy Crossi | 49.16 268 P | P | 02 55 26.1 +0.5 |
| KMBL Kambalda | 49.46 250 P | P | 02 55 27.2 -0.5 |
| FAKI Fak Fak | 49.60 289 P | P | 02 55 29.1 +0.2 |
| FAKI Fak Fak | 49.60 289 P | P | 02 55 28.4 -0.6 |
| FAKI Fak Fak | 49.60 289 P | P | 02 55 28.4 -0.6 |
| GUMU Guam | 50.72 316 P | P | 02 55 36.4 -0.6 |
| GUMU Guam | 50.72 316 P | P | 02 55 36.4 -0.6 |
| KHLU Kahului U | 51.43 32 P | P | 02 55 42.8 +0.5 |
| HLP Hiline Pali | 51.46 33 P | P | 02 55 42.4 -0.4 |
| SWI Sorong | 51.52 291 P | P | 02 55 43.4 +0.2 |
| MLOA Mauna Loa Obse | 51.53 32 P | P | 02 55 43.9 +0.8 |
| PUH Pauahi | 51.57 33 P | P | 02 55 44.1 +0.5 |
| MLH Mauna Loa | 51.59 32 P | P | 02 55 44.4 +0.6 |
| HMH Hutton Sheep | 51.73 32 P | P | 02 55 45.0 0.0 |
| POHA Pohakuloa | 51.74 32 P | P | 02 55 45.5 +3.6 |
| MSAI MSAI | 52.24 287 P | P | 02 55 51.0 +1.3 |
| VNDA Vanda | 52.61 184 P | P | 02 59 49.6 -0.3 |
| VNDA | comp=Z,0.6nm,0.6s,baz=3.2,slow=10.0,SNR=8.8 | ScP | 02 59 49.6 -0.3 |
| VNDA Vanda | 52.61 184 P | P | 02 59 50.9 +1.3 |
| KLBR Kelleberrin | 52.91 249 P | P | 02 55 52.0 -0.5 |
| MEEK Meekatharra | 53.15 255 P | P | 02 55 53.4 -1.0 |
| PSA00 Pilbara Seismi | 53.34 261 P | P | 02 55 55.1 -0.6 |
| SOEI Soe | 53.45 277 P | P | 02 55 57.9 +1.2 |
| SOEI Soe | 53.45 277 P | P | 02 55 58.2 +1.4 |
| BATI Baumata | 53.81 276 P | P | 02 56 00.4 +1.3 |
| NLAI Namlea | 53.88 286 P | P | 02 55 59.6 -0.4 |
| BLDU Ballidu | 53.97 250 P | P | 02 56 00.9 -0.3 |
| MUN Mundaring | 54.14 248 P | P | 02 56 05.7 -0.5 |
| MORW Morawa | 54.84 251 P | P | 02 56 05.5 -0.7 |
| SANI Sanana | 55.42 286 P | P | 02 56 09.5 -0.9 |
| TNTI Ternate | 55.68 290 P | P | 02 56 12.3 +0.2 |
| MMRI Maumere | 55.73 277 P | P | 02 56 12.3 -0.2 |
| EDFI Ende, Flores | 56.18 277 P | P | 02 56 14.8 -0.9 |
| BADI Baing, Sumba | 56.58 275 P | P | 02 56 19.3 +1.0 |
| CASY Casy | 57.94 242 P | P | 02 56 26.7 +0.1 |
| GIRL Giralia | 58.02 258 P | P | 02 56 28.9 +0.9 |
| GIRL Giralia | 58.02 258 P | P | 02 56 28.9 +0.9 |
| GIRL | comp=Z,203nm,0.9s | Iamb | 02 56 29.8 |
| KMSI Cibinong | 58.47 288 P | P | 02 56 30.8 -0.3 |
| LUWI Luwuk | 58.72 285 P | P | 02 56 32.7 0.0 |
| LUWI Luwuk | 58.72 285 P | P | 02 56 32.7 0.0 |
| LUWI | comp=Z,216nm,0.7s | Iamb | 02 56 33.5 |
| BKSI Bulukumba | 59.06 280 P | P | 02 56 34.1 -0.9 |
| GTOI Gorontalo | 59.34 287 P | P | 02 56 37.0 +0.1 |
| BNSI Bone | 59.48 280 P | P | 02 56 37.9 0.0 |
| KAPI Kappang | 59.52 280 P | P | 02 56 37.4 -0.8 |
| KAPI | comp=Z,201nm,1.7s | Iamb | 02 56 39.1 |
| PLAI Plampang | 59.66 275 P | P | 02 56 38.5 -0.6 |
| APSI Ampara | 59.76 285 P | P | 02 56 39.9 +0.2 |
| SPSI Sidrap Palu | 59.98 281 P | P | 02 56 39.9 -1.3 |
| MRSI Marisa | 60.18 286 P | P | 02 56 40.9 -1.6 |
| TTSI Tana Toraja | 60.36 282 P | P | 02 56 43.7 +0.1 |
| TWSI Taliwang, Sumb | 60.51 274 P | P | 02 56 44.3 -0.3 |
| TOLIZ Tolitoli | 61.90 286 P | P | 02 56 49.8 -1.3 |
| TOLIZ | comp=Z,68nm,1.0s | Iamb | 02 56 50.9 |
| MPSI Mapaga | 61.89 285 P | P | 02 56 52.7 -0.9 |
| SRGI Singaraja | 62.28 278 P | P | 02 56 56.3 +0.2 |
| JAGI Jajag, Benyuwa | 63.08 290 P | P | 02 57 00.4 -0.9 |
| KBKI Kotabaru | 63.48 280 P | P | 02 57 04.6 +0.7 |
| KMMI Kalianget | 63.83 275 P | P | 02 57 06.6 +0.5 |
| RPN Rapa Nui | 64.02 109 P | P | 02 57 08.6 +1.5 |
| QSPA South Pole Qui | 64.53 180 P | P | 02 57 11.2 +1.4 |
| QSPA South Pole Qui | 64.53 180 P | P | 02 57 10.1 +0.3 |
| BBKI Banjar Baru | 64.59 279 P | P | 02 57 11.4 +0.5 |
| GRJI Gresik | 65.23 274 P | P | 02 57 15.2 +0.3 |
| PRWJ Pagarwojo | 65.38 273 P | P | 02 57 15.4 -0.4 |
| MTKI Muara Teweih | 65.69 281 P | P | 02 57 17.6 -0.1 |
| NGJI Ngawi | 65.95 273 P | P | 02 57 21.9 +2.5 |
| UGM Ungabana | 66.58 272 P | P | 02 57 23.2 -0.2 |
| PKBI Pangkalan Bun | 67.76 278 P | P | 02 57 31.5 +1.0 |
| KMKI Kota Kinabalu | 67.91 289 P | Iamb | 02 57 32.2 |
| KPJI Karang Pucung | 68.25 272 P | P | 02 57 33.7 +0.3 |
| CISI Cisomet, Garu | 69.17 271 P | P | 02 57 38.4 -0.6 |
| CISI Cisomet, Garu | 69.17 271 P | P | 02 57 37.8 -1.3 |
| CISI | comp=Z,81nm,0.8s | Iamb | 02 57 38.8 |
| STKI Sintang | 69.18 280 P | P | 02 57 40.4 +1.4 |
| SBUM Sibau | 69.63 283 P | P | 02 57 41.3 -0.4 |
| SBUM | comp=Z,56nm,1.1s | Iamb | 02 57 42.9 |
| SBUM Sibau | 69.63 283 P | P | 02 57 42.0 +0.3 |
| XMIS Christmas Isla | 69.84 268 P | P | 02 57 42.9 -0.7 |
| XMIS | comp=Z,74nm,0.7s | Iamb | 02 57 44.3 |
| DBJI Drangajene | 70.54 272 P | P | 02 57 47.0 |

31d 2h

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Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like BFSC, SRIG, EDWJ, IKP, ISA, PFD, PFO, CMB, BBRC, AFDM, LRM, ORV, WDC, RRX, N02D, O03E, BELC, CWC, M02C, MDPB, L02E, ENH, KEBM, MPMC, BC3, GSC, GSC, HEC, GYA, TIN, WAKR, YBH, YBH, K02D, PIX, J01E, BEKR, PNTR, GMRC, IRM, VCNR, HUMO, LHV, GRAC, FURC, SHOC, M04C, L04D, H04D, NVAR, PAHR, 214A, 214A, 214A, BJT, I02D, I03D, PDMC, K04D, TPNV, TPH, I04A, MOD, SHPR, K05A, H04D, J05D, PLCA, G03D, XAN, XAN, XAN, XAN, CMAR, CMAR.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like CMAR, KMI, Kuning, KMI, KMI, KMI, KMI, R11A, TUC, TUC, I05D, CHTO, F04D, WVOR, X16A, D04E, D03D, KNB, HPIG, PSUT, WUUAZ, WUUAZ, D05A, ELK, HHC, HHC, X18A, CD2, CD2, CD2, CD2, CD2, B05A, LTY, E07A, W18A, W18A, 121A, 121A, MFID, DUG, DUG, E09A, F10A, HLID, MNTX, MNTX, SRU, TXAR, MCK, MVCO, PV17, PV23, LZH, LZH, LZH, LZH, LZH, PV03, ANMO, ANMO, PV12, ILAR, ILAR, S22A, S22A, REDW, REDW, O20A, FLWY, BW06, PDAR, PDAR, BOZ, SDCO, MSTX, T25A, Q24A, ISCO, JCT, JCT, TOLK, UNL, UNL, SONM, SONM.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like GTA, Gaotai, KSCO, WMOK, RSSD, INK, YKA, YKA, LRLM, LRLM, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, SHLS, KPKS, SATY, KURK, KURB, KUU, KBK, CHMS, UCH, AAK, SGDS, AML, EKS2, BTLS, DZA, BDFB, KBL, IUG, BRVK, SPA0, ABKAR, ARU, GEYT, GEYT, LSZ, TSUM, ARCES, ARCES, KMB0, KMB0, KTK1, KMR, KLMR, STEI, RAYN, MBAR, OBN, FINES, FINES, FINES, KBZ, MOL, DOMB, AKN, NB2, NB2, NB2, NOA, NOA, SLIT, NC602, IDID, ISAL, HFS, IIGN, NACGM, NACGM, HYA, SKAR, SUE, OSL, PABE, BER, KONO, PBUR, ODD1, AKASG, AKASG, BLS5, KMY, SUW, HOMB, HOMB, SNART, SNART, MMAL, MMAL, BRTR, BRTR, BRTR.

31d 3h

comp=Z,1.6nm,1.0s,baz=176,slow=5.8,SNR=4.4

BJI 31 03:06:03.0.0.0,24:87N,121:79E, h27km, mB4.6/14, mb4.3/38, ML4.5/10, Ms3.9/7, Ms7.3/8.4
NEIC 31 03:06:04.2.1.4,24:82N,121:78E, h70km,4km, mb4.7/40, Mw1.6/25, ML5.1(TAP), Error ellipse: s-maj=5.5km s-min=3.5km az=153.0
TAP 31 03:06:04.6,24:83N,121:79E, h69km, ML5.1, B
ASIES 31 03:06:04.5,24:89N,121:79E, h64km, MW4.5
JMA 31 03:06:04.7,0.2,24:79N,121:79E, h67km,3km, M4.5
NEIC 31 03:06:04.2,24:82N,121:78E, h71km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr:2.89; Mw:1.14; Mo:1.75; Mo-9.33; Mo-0.05; Mr-2.16; Fault plane solution: Ms9.91000x10^15 NP1:phi=66.10000°, delta=13000°, lambda=79.58000°. NP2:phi=256.57000°, delta=83.97000°, lambda=110.000°. Principal axes: T 10.6463, P1g51.0000°, Azm168.0000°; N -1.6963, P1g1.0000°, Azm76.0000°; P -8.9499, P1g39.0000°, Azm346.0000°;
NIED 31 03:06:04.7,24:79N,121:79E, h67km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mr:2.28; Mw:2.98; Mo:0.70; Mo-6.03; Mo-0.11; Mr-3.71; Fault plane solution: Ms7.58000x10^15 NP1: phi=241.00000°, delta1.00000°, lambda7.00000°. NP2: phi=114.00000°, delta15.00000°, lambda143.00000°;
IDC 31 03:06:04.7,0.7,24:79N,121:94E, h70km,5km, mb4.1/29, mb1.4/2/29, mb1mx3.9/79, mbtmp4.2/29, MS3.6/16, Ms1.3/6/16, ms1mx3.3/44 Error ellipse: s-maj=16.0km s-min=9.9km az=66.0
ISC 31 03:06:04.9.0.4,24:85N,121:80E, h70km,3km, h70km:pp-P,n279,r1927/403,mb4.5/60,30C-12D,Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Op, ISC, Time, Res. Rows include NTC Toucheng, NTC Shuangxi, TIPB Neicheng, TWE Neicheng, NWF Wu-fen Shan, NWF Wu-fen Shan, WFSB Mucha, TWA Santiao Chiao, TWB1 Suao, TWC Suao, NHDH Xindian Distri, NHDH Wulai, NHDH Wulai, ENT TATAI, TATO Taipei, TAP Taipei, NDT Datong Townshi, BACT New Taipei Cit, YM01 YM01, YM10 YM10, NWR T Kuosheng, YM11 YM11, YM05 YM05, YM04 YM04, YM08 YM08, ENAH Nanao, ENAH Yeheng, YHNB Yeheng, ANP Anpu, TWS1 Kuangyinshan, NSK Sanguang, NTST Danshui, TWT Chenhua, TWY Chenhua.

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Table with columns: NTY, Taoyuan, 0.48 289, Pn, 03 06 17.6 0.0, S, Sn, 03 06 27.4 +0.6, 0.56 224, Pn, 03 06 18.6 +0.1, 0.57 283, Pn, 03 06 18.4 0.0, 0.57 283, Pn, 03 06 18.3 -0.1, 0.69 195, Pn, 03 06 18.9 -0.9, 0.69 195, Pn, 03 06 31.1 +0.4, 0.70 204, Pn, 03 06 19.7 -0.2, 0.71 265, Pn, 03 06 19.8 -0.1, 0.74 255, Pn, 03 06 20.1 -0.1, 0.74 266, Pn, 03 06 20.2 0.0, 0.75 267, Pn, 03 06 19.9 -0.5, 0.75 254, Pn, 03 06 20.2 -0.2, 0.78 220, Pn, 03 06 21.4 +0.4, 0.78 194, Pn, 03 06 19.9 -0.9, 0.82 224, Pn, 03 06 21.9 +0.6, 0.82 18, Pn, 03 06 21.1 -0.2, 0.83 225, Pn, 03 06 21.9 +0.4, 0.85 215, Pn, 03 06 22.2 +0.2, 0.88 191, Pn, 03 06 21.6 -0.4, 0.96 234, Pn, 03 06 23.5 +0.5, 0.96 252, Pn, 03 06 23.2 +0.2, 0.97 216, Pn, 03 06 23.8 +0.5, 1.03 246, Pn, 03 06 24.2 +0.3, 1.05 242, Pn, 03 06 24.3 +0.2, 1.08 198, Pn, 03 06 23.0 -1.4, 1.12 110, Pn, 03 06 24.6 -0.3, 1.13 223, Pn, 03 06 25.9 +0.8, 1.13 225, Pn, 03 06 26.0 +0.8, 1.16 245, Pn, 03 06 25.9 +0.4, 1.17 109, Pn, 03 06 25.3 -0.2, 1.17 109, Pn, 03 06 25.4 -0.2, 1.17 109, Pn, 03 06 25.3 -0.2, 1.22 196, Pn, 03 06 25.4 -0.1, 1.23 236, Pn, 03 06 26.6 +0.2, 1.26 221, Pn, 03 06 27.3 +0.4, 1.27 223, Pn, 03 06 27.4 +0.5, 1.30 216, Pn, 03 06 27.8 +0.4, 1.30 216, Pn, 03 06 25.9 +1.7, 1.30 216, Pn, 03 06 45.6 -0.7, 1.36 236, Pn, 03 06 28.5 +0.4, 1.38 228, Pn, 03 06 28.7 +0.4, 1.39 194, Pn, 03 06 27.9 -0.6, 1.40 227, Pn, 03 06 28.8 +0.2, 1.40 198, Pn, 03 06 28.5 -0.2, 1.41 224, Pn, 03 06 29.4 +0.6, 1.43 217, Pn, 03 06 30.1 +1.0, 1.52 198, Pn, 03 06 29.4 -0.8

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Table with columns: YULB, baz=193, eS, Sn, 03 06 47.3 -1.9, YULB Yu-hi, 1.52 198, Pn, 03 06 28.4 -1.7, EYUL Yuli, 1.55 196, eP, Sn, 03 06 30.0 -0.6, YULB Yu-hi, 1.56 197, eP, Sn, 03 06 30.3 -0.4, TWFI Yuli, 1.56 199, eP, Sn, 03 06 50.0 0.0, TWFI Yuli, 1.56 210, eP, Sn, 03 06 31.9 +0.8, YUS Yu-Shan, 1.56 210, eP, Sn, 03 06 31.9 +0.8, YUS Yu-Shan, 1.61 214, P, Sn, 03 06 32.3 +0.7, ALS Alishan, 1.61 214, P, Sn, 03 06 33.6 +1.9, ALS Alishan, 1.61 220, eP, Sn, 03 06 31.8 +0.4, CHN5 Tsauling, 1.61 220, eP, Sn, 03 06 51.4 -0.1, CHN5 Tsauling, 1.61 225, eP, Sn, 03 06 31.8 +0.4, WGK Gukung, 1.61 225, eP, Sn, 03 06 52.6 +1.2, WGK Gukung, 1.62 234, eP, Sn, 03 06 31.4 0.0, RLNB Erin, 1.62 234, eP, Sn, 03 06 31.4 0.0, RLNB Erin, 1.63 225, eP, Sn, 03 06 32.0 +0.4, WDLH Douliu, 1.63 225, eP, Sn, 03 06 52.1 +0.4, WDLH Douliu, 1.70 196, eP, Sn, 03 06 52.9 +0.2, FULB Fuli, 1.70 196, eP, Sn, 03 06 32.3 -1.3, FULB Fuli, 1.73 228, P, Sn, 03 06 32.5 -0.4, WTK Tui, 1.73 228, P, Sn, 03 06 55.5 +1.4, WTK Tui, 1.78 193, eP, Sn, 03 06 33.2 -0.4, CHKT Chengkung, 1.78 193, eP, Sn, 03 06 55.4 -0.1, CHKT Chengkung, 1.80 204, eP, Sn, 03 06 34.0 +0.1, ELDTW Lidau, 1.80 204, eP, Sn, 03 06 55.6 -0.4, ELDTW Lidau, 1.83 106, P, Sn, 03 06 34.1 -0.2, IRIF Iriomote-Funau, 1.83 106, P, Sn, 03 06 56.4 -0.2, IRIF Iriomote-Funau, 1.84 223, P, Sn, 03 06 34.7 +0.3, CHY Chiayi, 1.84 223, P, Sn, 03 06 57.8 +1.1, CHY Chiayi, 1.85 217, eP, Sn, 03 06 35.7 +1.1, CHN4 Tsauhsan, 1.85 217, eP, Sn, 03 06 35.7 +1.1, CHN4 Tsauhsan, 1.87 215, P, Sn, 03 06 35.5 +0.6, TPUB Ta-pu, 1.87 215, P, Sn, 03 06 57.3 -0.4, TPUB Ta-pu, 1.87 215, P, Sn, 03 06 33.4 -1.5, TPUB Ta-pu, 1.87 230, P, Sn, 03 06 35.0 +0.2, WSF Szu, 1.87 230, P, Sn, 03 06 58.3 +0.7, WSF Szu, 1.92 194, P, Sn, 03 06 35.6 +0.1, EDH Donghe, 1.92 194, P, Sn, 03 06 59.6 +0.9, EDH Donghe, 1.93 214, P, Sn, 03 06 36.4 +0.8, WTP Ta-pu, 1.93 214, P, Sn, 03 06 36.4 +0.8, STYT Tauiyuan, 1.93 210, P, Sn, 03 06 36.4 +0.8, STYT Tauiyuan, 1.93 225, P, Sn, 03 06 59.5 +0.5, WLBG Pingtung, 1.93 225, P, Sn, 03 06 35.0 -0.6, WLBG Pingtung, 1.95 290, P, Sn, 03 06 34.8 -1.0, PTTC Pingtan, 1.95 290, P, Sn, 03 06 34.8 -1.0, TWK Hsinying, 1.98 218, P, Sn, 03 06 36.7 +0.4, TWK Hsinying, 1.99 113, P, Sn, 03 06 37.5 +1.1, HATJ Hateruma jima, 1.99 113, P, Sn, 03 07 01.1 +0.7, HATJ Hateruma jima, 2.01 217, eP, Sn, 03 06 37.8 +1.1, SNST Tainan City, 2.01 217, eP, Sn, 03 06 37.8 +1.1, SNST Tainan City, 2.02 215, P, Sn, 03 06 00.2 -0.6, CHN1 Nanshi, 2.02 215, P, Sn, 03 06 37.6 +0.7, CHN1 Nanshi, 2.02 198, eP, Sn, 03 07 01.5 +0.3, LONT Longtian, 2.02 198, eP, Sn, 03 06 37.1 +0.1, LONT Longtian, 2.03 223, P, Sn, 03 07 01.0 -0.3, ICHU Yijhu, 2.03 223, P, Sn, 03 06 37.3 +0.4, ICHU Yijhu, 2.08 213, eP, Sn, 03 07 02.5 +1.2, SGST Jiashian, 2.08 213, eP, Sn, 03 06 37.4 -0.3, SGST Jiashian, 2.08 224, eP, Sn, 03 07 01.7 -0.8, CHN8 Yijhu, 2.08 224, eP, Sn, 03 06 36.7 -1.5, CHN8 Yijhu, 2.10 106, P, Sn, 03 06 38.1 +0.1, JKRS Kuro-shima, 2.10 106, P, Sn, 03 07 03.1 -0.1, JKRS Kuro-shima, 2.12 308, eP, Sn, 03 06 37.3 -0.9, MATB Ma-tsu, 2.12 308, eP, Sn, 03 06 37.3 -0.9, MATB Ma-tsu, 2.12 198, P, Sn, 03 06 38.6 +0.4, TWG Pinlang, 2.12 198, P, Sn, 03 06 38.3 -0.3, TWG Pinlang, 2.12 198, P, Sn, 03 07 03.6 -1.1, TWG Pinlang, 2.12 198, eP, Sn, 03 06 36.6 -1.6, TWG Pinlang, 2.12 210, eP, Sn, 03 06 39.2 +1.0, SLGT Liugui, 2.12 210, eP, Sn, 03 06 39.2 +1.0, SLGT Liugui, 2.12 198, eP, Sn, 03 06 36.7 -1.5, TWGBT Beinan, 2.12 198, eP, Sn, 03 06 36.7 -1.5, TWGBT Beinan, 2.14 274, eP, Sn, 03 07 03.5 -0.1, TWGBT Beinan, 2.14 274, eP, Sn, 03 06 38.0 -0.4, VVUC VVUC, 2.14 274, eP, Sn, 03 06 38.0 -0.4, VVUC VVUC, 2.15 308, eP, Sn, 03 06 37.7 -0.9, MSUT Lienchiang, 2.15 308, eP, Sn, 03 06 37.7 -0.9, MSUT Lienchiang, 2.17 196, eP, Sn, 03 06 40.0 +1.2, TTN Taitung, 2.17 196, eP, Sn, 03 06 40.0 +1.2, TTN Taitung, 2.18 188, eP, Sn, 03 06 38.0 -1.1, LDUT Ludao, 2.18 188, eP, Sn, 03 06 38.0 -1.1, LDUT Ludao, 2.19 102, P, Sn, 03 06 39.2 +0.1, JIJ Ishigaki jima, 2.19 102, P, Sn, 03 07 05.2 0.0, JIJ Ishigaki jima, 2.19 217, eP, Sn, 03 06 41.1 +1.7, CHN3 Shinhua, 2.19 217, eP, Sn, 03 06 41.1 +1.7, CHN3 Shinhua, 2.22 222, eP, Sn, 03 06 39.8 +0.3, SCLT Jial, 2.22 222, eP, Sn, 03 06 39.8 +0.3, SCLT Jial, 2.29 212, eP, Sn, 03 06 40.9 +0.5, SCST Cishan, 2.29 212, eP, Sn, 03 06 40.9 +0.5, SCST Cishan, 2.30 96, P, Sn, 03 06 41.0 +0.4, JISG Ishigakijimahi, 2.30 96, P, Sn, 03 07 08.5 +0.6, JISG Ishigakijimahi, 2.35 207, eP, Sn, 03 06 42.7 +1.4, SSD Sandimen, 2.35 207, eP, Sn, 03 06 42.7 +1.4, SSD Sandimen, 2.37 212, eP, Sn, 03 06 41.5 -0.2, TWM1 Shoushan, 2.37 212, eP, Sn, 03 06 41.5 -0.2, TWM1 Shoushan, 2.38 207, eP, Sn, 03 06 43.1 +1.4, TSMG Majia, 2.38 207, eP, Sn, 03 06 43.1 +1.4, TSMG Majia, 2.41 239, eP, Sn, 03 06 41.2 -0.9, PNG Penghu, 2.41 239, eP, Sn, 03 06 41.2 -0.9, PNG Penghu, 2.43 237, eP, Sn, 03 06 41.1 -1.3, PHUB P'eng-hu, 2.43 237, eP, Sn, 03 06 41.1 -1.3, PHUB P'eng-hu, 2.44 275, eP, Sn, 03 06 41.8 -0.6, PTMZ Houxiangcun, 2.44 275, eP, Sn, 03 06 41.8 -0.6, PTMZ Houxiangcun, 2.47 206, eP, Sn, 03 06 43.9 +1.0, MASB Mashibuluo, 2.47 206, eP, Sn, 03 06 43.9 +1.0, MASB Mashibuluo, 2.50 313, eP, Sn, 03 06 42.5 -0.8, LYJJ Jianjiangzhen, 2.50 313, eP, Sn, 03 06 42.5 -0.8, LYJJ Jianjiangzhen

Table of astronomical observations for 2014 DEC, columns include station code, station name, magnitude, position, and time.

Table of astronomical observations for 2014 DEC, columns include station code, station name, magnitude, position, and time.

Table of astronomical observations for 2014 DEC, columns include station code, station name, magnitude, position, and time.

31d 6h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WBSM Bird Springs, PKM Mcpherson Peak, SS2 San Sevaine, etc.

TAP 31 06:39:00.3, 24.86N, 122.00E, h17km, ML2.8, C
JMA 31 06:39:01.6, 24.83N, 121.94E, h32km, M2.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWB1 Santiaio Chiao, TWB1, NTC Toucheng, etc.

2014 DEC

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TATO Taipei, ENA Nanau, NDT Datong Townshi, etc.

NORS 31 06:41:15.8, 0.0, 42.58N, 43.57E, h12km, MPVA3.9
TIF 31 06:41:16.6, 42.56N, 43.49E, h13km, 1km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like DIGR Digorskoe uzhe, ZEI Tsey, etc.

IDC 31 06:46:09.6, 0.7, 5.90N, 33.03W, h0km, mb4, 1/15,
mb1 4.3/16, mb1mx4.1/43, mbtmp4.1/16, ML3.6/1, MS4.0/29,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like RCBR Riachuelo, RCBR, RCBR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like RCBR Riachuelo, SACY Santiago Islan, etc.

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Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H10S3 ASCENSION HYDR23, H10S2 ASCENSION HYDR23, etc.

IDC 31 06:48:13.8, 13.0, 53.70N, 159.30E, h0km, Error ellipse:
s-maj=92.6km s-min=25.5km az=59.0, Near east coast

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H44RU PETROPALOVSK, H45RU USSURIYSK INFR, etc.

31d 7h

| | | | | | | |
|-------|---------------------------|----------|----|------------|------------|------|
| NTC | baz=287 | eS | Sn | 07 55 06.8 | -2.0 | |
| ENAH | Nanao baz=255 | 0.70 255 | P | Pn | 07 54 53.9 | -1.4 |
| ENAH | baz=255 | eS | Sn | 07 55 06.7 | -2.2 | |
| TIPB | Shuangxi baz=299 | 0.75 297 | ↑P | Pn | 07 54 54.8 | -0.9 |
| TIPB | baz=299 | iS | Sn | 07 55 07.3 | -2.3 | |
| ENA | Nanau baz=254 | 0.77 255 | ↑P | Pn | 07 54 54.5 | -1.3 |
| ENA | baz=254 | eS | Sn | 07 55 08.0 | -1.9 | |
| TWE | Neicheng baz=279 | 0.81 277 | ↑P | Pn | 07 54 55.4 | -0.9 |
| TWE | baz=279 | S | Sn | 07 55 07.6 | -3.0 | |
| NWF | Wu-fen Shan baz=297 | 0.83 302 | ↓P | Pn | 07 54 56.0 | -0.5 |
| NWF | baz=297 | iS | Sn | 07 55 09.5 | -1.6 | |
| WFSB | Wu-fen Shan baz=299 | 0.83 302 | ↓P | Pn | 07 54 56.1 | -0.3 |
| WFSB | baz=299 | S | Sn | 07 55 09.7 | -1.2 | |
| TNOU | National Taiwa baz=303 | 0.88 306 | ↓P | Pn | 07 54 54.4 | -2.5 |
| TNOU | baz=303 | eS | Sn | 07 55 08.3 | -3.5 | |
| ENTT | Nioudou baz=271 | 0.90 271 | ↑P | Pn | 07 54 56.5 | -0.6 |
| ENTT | baz=271 | S | Sn | 07 55 10.9 | -1.3 | |
| NDT | Datong Townshi baz=271 | 0.95 269 | ↑P | Pn | 07 54 57.2 | -0.4 |
| NDT | baz=271 | S | Sn | 07 55 11.9 | -1.1 | |
| TWA | Mucha baz=287 | 0.95 292 | P | Pn | 07 54 56.9 | -0.7 |
| TWA | baz=287 | iS | Sn | 07 55 10.9 | -2.2 | |
| NWLTL | Wulai baz=287 | 0.97 279 | eP | Pn | 07 54 57.2 | -0.7 |
| NWLTL | baz=287 | eS | Sn | 07 55 11.9 | -1.5 | |
| SSCB | Ninganchiao baz=240 | 0.99 243 | ↑P | Pn | 07 54 56.2 | -1.8 |
| NACB | baz=240 | S | Sn | 07 55 10.4 | -3.3 | |
| NACB | Ninganchiao baz=240 | 0.99 243 | Pn | 07 54 56.2 | -1.8 | |
| NHHD | Xindian Distri baz=284 | 0.99 290 | eP | Pn | 07 54 57.3 | -0.7 |
| NHHD | baz=284 | eS | Sn | 07 55 11.3 | -2.6 | |
| TATO | Taipei baz=284 | 1.03 290 | Pn | 07 54 57.6 | -0.8 | |
| TWD | Chiawan baz=235 | 1.03 238 | ↑P | Pn | 07 54 56.8 | -1.6 |
| TWD | baz=235 | S | Sn | 07 55 11.5 | -3.1 | |
| TAP | Taipei baz=287 | 1.04 293 | eP | Pn | 07 54 57.8 | -0.7 |
| TAP | baz=287 | eS | Sn | 07 55 13.0 | -1.7 | |
| ETLH | Xiulin Townshi baz=249 | 1.07 247 | ↑P | Pn | 07 54 57.6 | -1.3 |
| ETLH | baz=249 | S | Sn | 07 55 13.0 | -2.4 | |
| YHNB | Yeheng baz=274 | 1.08 272 | ↑P | Pn | 07 54 58.6 | -0.4 |
| YHNB | baz=274 | S | Sn | 07 55 13.7 | -1.8 | |
| YHNB | Yeheng baz=274 | 1.08 272 | Pn | 07 54 58.6 | -0.4 | |
| BACT | New Taipei Cit baz=284 | 1.08 290 | eP | Pn | 07 54 58.1 | -0.8 |
| TWY | Chenhua baz=307 | 1.08 307 | ↓P | Pn | 07 54 58.8 | -0.1 |
| TWY | baz=307 | S | Sn | 07 55 14.4 | -1.1 | |
| HWA | Hwalien baz=230 | 1.08 233 | ↑P | Pn | 07 54 57.8 | -1.2 |
| HWA | baz=230 | S | Sn | 07 55 13.8 | -1.7 | |
| PCYT | Pengchaiyu baz=327 | 1.09 336 | ↑P | Pn | 07 54 59.2 | +0.2 |
| PCYT | baz=327 | S | Sn | 07 55 15.3 | -0.3 | |
| NSK | Sanguang baz=268 | 1.09 273 | ↑P | Pn | 07 54 58.7 | -0.5 |
| NSK | baz=268 | S | Sn | 07 55 14.6 | -1.2 | |
| ANP | Anpu baz=293 | 1.09 301 | eP | Pn | 07 54 58.3 | -0.9 |
| NNS | Nan Shan baz=256 | 1.09 260 | eP | Pn | 07 54 58.3 | -0.9 |
| IRIF | Iriomote-Funau baz=211 | 1.11 105 | P | Pn | 07 54 58.1 | -1.1 |
| IRIF | baz=211 | S | Sn | 07 55 13.9 | -2.1 | |
| TWS1 | Kuangyinshan baz=291 | 1.14 295 | ↑P | Pn | 07 54 59.0 | -0.5 |
| TWS1 | baz=291 | S | Sn | 07 55 15.1 | -1.4 | |
| NTST | Danshui baz=293 | 1.14 298 | eP | Pn | 07 54 59.1 | -0.5 |
| NTST | baz=293 | eS | Sn | 07 55 15.2 | -1.4 | |
| NTY | Taoyuan baz=286 | 1.20 288 | eP | Pn | 07 55 00.1 | -0.2 |
| FUSS | Fushou baz=250 | 1.26 253 | ↑P | Pn | 07 55 00.5 | -0.7 |
| FUSS | baz=250 | eS | Sn | 07 55 17.9 | -1.5 | |
| HATJ | Hateruma jima baz=250 | 1.27 116 | P | Pn | 07 55 00.4 | -0.7 |
| HATJ | baz=250 | eS | Sn | 07 55 17.7 | -1.5 | |
| WHF | Hehuan Shan baz=250 | 1.27 248 | ↑P | Pn | 07 55 00.6 | -0.9 |
| WHF | baz=250 | S | Sn | 07 55 17.0 | -3.0 | |
| NCU | National Centr baz=287 | 1.29 286 | ↑P | Pn | 07 55 01.3 | 0.0 |
| NCU | baz=287 | S | Sn | 07 55 19.0 | -0.6 | |
| NCUH | Zhongli baz=286 | 1.29 285 | P | Pn | 07 55 01.2 | -0.2 |
| NCUH | baz=286 | S | Sn | 07 55 19.0 | -0.7 | |
| ESL | Shilin baz=233 | 1.31 232 | ↑P | Pn | 07 54 59.8 | -1.8 |
| ESL | baz=233 | eS | Sn | 07 55 16.4 | -3.6 | |
| TWT | Tachien baz=255 | 1.31 254 | ↑P | Pn | 07 55 01.6 | -0.2 |
| TWT | baz=255 | S | Sn | 07 55 19.0 | -1.4 | |
| TDCB | Techi baz=256 | 1.33 254 | ↑P | Pn | 07 55 01.6 | -0.3 |
| TDCB | baz=256 | S | Sn | 07 55 18.6 | -2.1 | |
| JKRS | Kuro-shima baz=242 | 1.38 106 | P | Pn | 07 55 01.6 | -0.7 |
| JKRS | baz=242 | S | Sn | 07 55 20.2 | -1.2 | |
| CHGB | Renai baz=242 | 1.38 246 | ↑P | Pn | 07 55 02.0 | -0.6 |
| CHGB | baz=242 | S | Sn | 07 55 19.6 | -2.3 | |
| LIQB | Emei baz=272 | 1.40 271 | P | Pn | 07 55 02.5 | -0.2 |
| LIQB | baz=272 | S | Sn | 07 55 21.4 | -0.6 | |
| EGFH | Guangfu baz=229 | 1.41 227 | ↑P | Pn | 07 55 01.2 | -1.5 |
| EGFH | baz=229 | eS | Sn | 07 55 19.4 | -2.6 | |
| HSN1 | Hsinchu baz=278 | 1.41 276 | P | Pn | 07 55 02.5 | -0.2 |
| HSN1 | baz=278 | S | Sn | 07 55 21.4 | -0.6 | |
| NSTT | Nanjuang baz=272 | 1.42 270 | ↓P | Pn | 07 55 02.5 | -0.2 |
| NSTT | baz=272 | S | Sn | 07 55 21.1 | -1.1 | |
| SBCB | Hsinchu baz=278 | 1.44 277 | ↑P | Pn | 07 55 03.0 | 0.0 |
| SBCB | baz=278 | S | Sn | 07 55 21.9 | -0.8 | |
| HSN | Hsinchu baz=279 | 1.45 277 | P | Pn | 07 55 02.6 | -0.6 |
| HSN | baz=279 | iS | Sn | 07 55 21.5 | -1.5 | |
| JJU | Ishigaki jima | 1.47 100 | P | Pn | 07 55 02.3 | -1.1 |

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| | | | | | | | |
|-------|---------------------------|--------------------------|----------|------------|------------|------------|------|
| JJU | WHP | Taichung City baz=256 | 1.51 257 | ↓P | Pn | 07 55 20.9 | -2.4 |
| JJU | WHP | baz=256 | eS | Sn | 07 55 04.4 | +0.4 | |
| HGSD | Ruisui baz=223 | 1.53 223 | ↑P | Pn | 07 55 02.7 | -1.5 | |
| HGSD | baz=223 | eS | Sn | 07 55 22.1 | -2.7 | | |
| VWDT | VWDT baz=232 | 1.56 236 | ↑P | Pn | 07 55 04.0 | -0.5 | |
| VWDT | baz=232 | S | Sn | 07 55 22.9 | -2.4 | | |
| WPL | Puli Township baz=247 | 1.58 248 | ↑P | Pn | 07 55 04.7 | -0.2 | |
| WPL | baz=247 | S | Sn | 07 55 25.1 | -0.7 | | |
| EHY | Hungye baz=234 | 1.59 226 | ↑P | Pn | 07 55 03.0 | -1.9 | |
| JISG | Ishigakijimahi baz=234 | 1.60 91 | P | Pn | 07 55 04.0 | -0.9 | |
| JISG | baz=234 | eS | Sn | 07 55 23.7 | -2.4 | | |
| DPDB | Guoxing baz=236 | 1.60 249 | ↑P | Pn | 07 55 05.2 | +0.1 | |
| DPDB | baz=236 | eS | Sn | 07 55 25.9 | -0.5 | | |
| NMLH | Miaoili baz=268 | 1.61 267 | P | Pn | 07 55 05.2 | +0.1 | |
| NMLH | baz=268 | S | Sn | 07 55 25.9 | -0.5 | | |
| TWQ1 | Liyutan baz=262 | 1.65 261 | P | Pn | 07 55 05.5 | -0.2 | |
| TWQ1 | baz=262 | S | Sn | 07 55 26.4 | -0.9 | | |
| NSY | Sanyi baz=264 | 1.65 263 | P | Pn | 07 55 05.7 | +0.1 | |
| NSY | baz=264 | S | Sn | 07 55 26.9 | -0.4 | | |
| SMLT | Sun Moon Lake baz=239 | 1.69 244 | ↑P | Pn | 07 55 05.9 | -0.3 | |
| YULB | Yu-i baz=231 | 1.69 223 | ↑P | Pn | 07 55 04.3 | -1.7 | |
| YULB | baz=231 | eS | Sn | 07 55 24.9 | -3.3 | | |
| YULB | Yu-i baz=231 | 1.69 223 | Pn | 07 55 04.3 | -1.7 | | |
| SSLB | Suanguang baz=238 | 1.69 241 | ↑P | Pn | 07 55 05.4 | -0.7 | |
| SSLB | baz=238 | eS | Sn | 07 55 26.4 | -1.8 | | |
| SSLB | Suanguang baz=238 | 1.69 241 | Pn | 07 55 05.4 | -0.7 | | |
| EYUL | Yuli baz=231 | 1.71 222 | ↑P | Pn | 07 55 05.1 | -1.2 | |
| EYUL | baz=231 | eS | Sn | 07 55 26.4 | -2.2 | | |
| TWF1 | Yuli baz=231 | 1.72 222 | ↑P | Pn | 07 55 04.8 | -1.6 | |
| TWF1 | baz=231 | eS | Sn | 07 55 25.6 | -3.1 | | |
| WDJ | Dajia District baz=262 | 1.77 261 | eP | Pn | 07 55 07.1 | 0.0 | |
| WDJ | baz=262 | S | Sn | 07 55 29.5 | -0.2 | | |
| TCU | Taichung baz=256 | 1.78 255 | eP | Pn | 07 55 07.2 | -0.1 | |
| WWF | Wufeng baz=263 | 1.79 251 | ↓P | Pn | 07 55 07.6 | +0.2 | |
| WWF | baz=263 | eS | Sn | 07 55 29.6 | -0.8 | | |
| WHYT | Xinyi Township baz=239 | 1.81 240 | eP | Pn | 07 55 07.9 | +0.2 | |
| WHYT | baz=239 | eS | Sn | 07 55 30.8 | -0.2 | | |
| FULB | Fuli baz=214 | 1.83 219 | ↑P | Pn | 07 55 06.4 | -1.6 | |
| FULB | baz=214 | eS | Sn | 07 55 28.9 | -2.5 | | |
| WJS | Zhushan baz=257 | 1.85 245 | P | Pn | 07 55 08.5 | +0.4 | |
| WJS | baz=257 | eS | Sn | 07 55 32.7 | +0.9 | | |
| YUS | Yu-Shan baz=234 | 1.85 233 | ↑P | Pn | 07 55 08.0 | -0.6 | |
| WNT1 | Nantou City baz=249 | 1.86 248 | eP | Pn | 07 55 08.8 | +0.6 | |
| WNT1 | baz=249 | eS | Sn | 07 55 32.6 | +0.7 | | |
| WNT | Mingjian baz=248 | 1.87 247 | P | Pn | 07 55 08.5 | +0.2 | |
| WNT | baz=248 | eS | Sn | 07 55 33.1 | +1.0 | | |
| CHKT | Chengkung baz=212 | 1.87 216 | eP | Pn | 07 55 06.4 | -2.0 | |
| CHKT | baz=212 | eS | Sn | 07 55 28.4 | -3.8 | | |
| WCHH | Zhanghua baz=255 | 1.90 254 | eP | Pn | 07 55 08.5 | -0.3 | |
| WCHH | baz=255 | eS | Sn | 07 55 08.5 | -0.3 | | |
| ALS | Alshan baz=236 | 1.95 236 | ↑P | Pn | 07 55 09.7 | 0.0 | |
| ALS | baz=236 | S | Sn | 07 55 33.2 | -1.3 | | |
| JTJ | Tarama baz=219 | 1.95 89 | P | Pn | 07 55 09.0 | -0.4 | |
| JTJ | baz=219 | S | Sn | 07 55 33.5 | -0.5 | | |
| CHNS | Tsauling baz=233 | 2.00 239 | ↑P | Pn | 07 55 10.3 | +0.2 | |
| CHNS | baz=233 | eS | Sn | 07 55 35.3 | 0.0 | | |
| EDH | Donghe baz=212 | 2.01 215 | ↑P | Pn | 07 55 08.5 | -1.7 | |
| EDH | baz=212 | eS | Sn | 07 55 31.6 | -3.7 | | |
| ELDTW | Lidau baz=224 | 2.01 225 | ↑P | Pn | 07 55 08.8 | -1.4 | |
| ELDTW | baz=224 | eS | Sn | 07 55 32.1 | -3.5 | | |
| WGK | Gukung baz=255 | 2.05 243 | eP | Pn | 07 55 11.5 | +0.8 | |
| WDLH | Douliu baz=255 | 2.07 244 | eP | Pn | 07 55 11.2 | +0.4 | |
| RLNB | Erlin baz=260 | 2.14 250 | eP | Pn | 07 55 11.5 | -0.2 | |
| RLNB | baz=260 | eS | Sn | 07 55 37.0 | -1.2 | | |
| LONT | Longtian baz=219 | 2.16 218 | eP | Pn | 07 55 10.6 | -1.4 | |
| LDUT | Ludao baz=208 | 2.19 207 | ↑P | Pn | 07 55 10.5 | -1.9 | |
| LDUT | baz=208 | eS | Sn | 07 55 35.5 | -3.9 | | |
| WTK | Tuku baz=246 | 2.19 245 | eP | Pn | 07 55 12.6 | +0.1 | |
| WTK | baz=246 | eS | Sn | 07 55 39.6 | +0.1 | | |
| CHN4 | Tsushan baz=236 | 2.20 235 | ↑P | Pn | 07 55 13.0 | +0.4 | |
| CHN4 | baz=236 | eS | Sn | 07 55 39.1 | -0.7 | | |
| STYT | Tauyuan baz=230 | 2.20 229 | ↑P | Pn | 07 55 12.6 | 0.0 | |
| STYT | baz=230 | eS | Sn | 07 55 39.4 | -0.4 | | |
| TPUB | Ta-pu baz=234 | 2.20 234 | ↑P | Pn | 07 55 12.7 | +0.1 | |
| TPUB | baz=234 | eS | Sn | 07 55 39.9 | -0.9 | | |
| TPUB | Ta-pu baz=234 | 2.20 234 | Pn | 07 55 12.8 | +0.1 | | |
| WTP | Ta-pu baz=233 | 2.25 233 | ↑P | Pn | 07 55 13.3 | +0.1 | |
| WTP | baz=233 | eS | Sn | 07 55 40.7 | -0.2 | | |
| CHY | Chiayi baz=233 | 2.25 240 | eP | Pn | 07 55 13.7 | +0.4 | |
| CHY | baz=233 | eS | Sn | 07 55 40.9 | +0.1 | | |
| TWGBT | Beinan baz=218 | 2.25 217 | ↑P | Pn | 07 55 11.4 | -1.9 | |
| TWGBT | baz=218 | eS | Sn | 07 55 36.9 | -4.1 | | |
| TWG | Pinlang baz=218 | 2.26 217 | eP | Pn | 07 55 11.4 | -1.9 | |
| TWG | baz=218 | eS | Sn | 07 55 38.0 | -3.0 | | |
| TWG | Pinlang baz=218 | 2.26 217 | Pn | 07 55 11.5 | -1.9 | | |
| TTN | Taitung baz=211 | 2.27 215 | eP | Pn | 07 55 12.5 | -1.0 | |
| TTN | baz=211 | S | Sn | 07 55 40.1 | -1.3 | | |
| TWK | Hsinying baz=235 | 2.33 235 | ↑P | Pn | 07 55 14.5 | +0.2 | |
| TWK | baz=235 | eS | Sn | 07 55 42.5 | -0.3 | | |

1500

| | | | | | | |
|------|------------------------|----------|----|------------|------------|------|
| CHN1 | Nanshi baz=234 | 2.35 233 | eP | Pn | 07 55 14.8 | +0.3 |
| CHN1 | baz=234 | eS | Sn | 07 55 43.2 | 0.0 | |
| SNST | Tainan City baz=235 | 2.35 234 | eP | Pn | 07 55 14.4 | -0.1 |
| SNST | baz=235 | eS | Sn | 07 55 42.9 | -0.3 | |
| WSF | Szhu baz=255 | 2.35 246 | eP | Pn | 07 | |

| | | | | | | | | | |
|--------------|---------------------------------------------|-------------|----|----|------------|------|------|------|--|
| baz=269 | | | | | | | | | |
| KNMB | Chin-men Tao | 3.80 268 | Pn | Pn | 07 55 32.9 | -0.8 | | | |
| AXDP | Jialing | 4.18 275j | eP | | 07 55 38.4 | -0.4 | | | |
| | baz=275 | | | | | | | | |
| SSE | Sheshan | 6.55 350 | P | S | 07 56 11.5 | +0.6 | | | |
| SSE | | | | | 07 57 24.0 | -0.2 | | | |
| SSE | comp=N,98nm,1.2s | | | | | | smax | smax | |
| SSE | comp=E,110nm,1.0s | | | | | | LR | LR | |
| SSE | comp=E,790nm,5.3s | | | | | | | | |
| SSE | Sheshan | 6.55 350 | Pn | Pn | 07 56 11.6 | +0.7 | | | |
| CVP | Callao Caves | 6.93 185fj | iP | | 07 56 15.2 | -0.8 | | | |
| JMZ | Minamidaito 2 | 7.93 80 | Pn | Pn | 07 56 25.9 | -3.8 | | | |
| NJ2 | Nanjing | 8.08 337j | iP | S | 07 56 31.5 | -0.2 | | | |
| NJ2 | | | | | 07 58 00.5 | -0.8 | | | |
| NJ2 | comp=N,220nm,0.9s | | | | | | smax | smax | |
| NJ2 | comp=E,250nm,1.2s | | | | | | LR | LR | |
| NJ2 | comp=N,530nm,6.7s | | | | | | LR | LR | |
| NJ2 | comp=Z,580nm,6.2s | | | | | | | | |
| WHN | Wuhan | 9.36 311 | P | Pn | 07 56 48.8 | -0.3 | | | |
| WHN | | | | | 07 58 36.3 | +3.8 | | | |
| LQP | Lukban | 10.51 185fj | eP | | 07 57 03.7 | -1.2 | | | |
| JNU | Nakatsue | 11.16 39 | P | Pn | 07 57 14.7 | +1.1 | | | |
| | 3.8nm,0.3s,baaz=194,slow=1.5,SNR=22 | | | | | | | | |
| JTU | Tsushima | 11.51 30 | P | Pn | 07 57 20.3 | +2.2 | | | |
| QIZ | Qiongzong | 13.05 247 | P | S | 07 57 39.5 | +1.0 | | | |
| QIZ | | | | | 08 00 03.0 | +0.8 | | | |
| QIZ | comp=N,510nm,13.9s | | | | | | LR | LR | |
| QINZ | comp=E,500nm,22.6s | | | | | | | | |
| INCHN | Monobe | 13.28 14 | P | P | 07 57 44.6 | -2.5 | | | |
| JMNS | Korea Array | 13.41 45 | Pn | Pn | 07 57 38.1 | -5.0 | | | |
| KSRS | comp=L,149nm,20.8s,baaz=205,slow=37 | | | | | | LR | LR | |
| KS19 | Wonju Array S1 | 13.61 18 | Pn | Pn | 07 57 47.7 | +2.1 | | | |
| JHS | Saijiyo | 13.80 39 | Pn | Pn | 07 57 45.4 | -2.8 | | | |
| DL2 | Dalian | 14.26 357 | P | P | 07 57 54.0 | 0.0 | | | |
| DL2 | | | | | 07 58 08.5 | +1.1 | | | |
| DL2 | | | | | 08 00 32.5 | +1.4 | | | |
| DL2 | comp=Z,53nm,0.7s | | | | | | pmax | pmax | |
| GYA | comp=Z,240nm,6.0s | | | | | | pmax | pmax | |
| GYA | Guizang | 14.46 281 | eP | P | 07 58 00.8 | +0.3 | | | |
| GYA | | | | | 08 00 43.8 | -5.0 | | | |
| GYA | comp=Z,18nm,1.3s | | | | | | LR | LR | |
| GYA | comp=N,370nm,5.9s | | | | | | LR | LR | |
| GYA | comp=E,500nm,9.1s | | | | | | LR | LR | |
| XAN | comp=Z,460nm,9.5s | | | | | | LR | LR | |
| XAN | Xi'an | 15.13 311 | P | P | 07 58 09.0 | +1.2 | | | |
| XAN | | | | | 08 00 59.5 | -2.6 | | | |
| XAN | comp=Z,25nm,0.9s | | | | | | pmax | pmax | |
| XAN | comp=Z,410nm,3.5s | | | | | | LR | LR | |
| XAN | comp=E,60nm,7.1s | | | | | | LR | LR | |
| XAN | comp=Z,500nm,11.4s | | | | | | LR | LR | |
| XAN | Xi'an | 15.13 311 | P | P | 07 58 09.2 | +1.4 | | | |
| JWT | Wachi | 15.37 43 | Pn | Pn | 07 58 04.6 | -3.5 | | | |
| JWT | | | | | 07 58 26.5 | | | | |
| TIY | Taiyuan | 15.64 329 | eP | P | 07 58 16.5 | +3.0 | | | |
| TIY | | | | | | | pmax | pmax | |
| TIY | comp=Z,54nm,0.5s | | | | | | pmax | pmax | |
| BJT | comp=Z,310nm,6.5s | | | | | | pmax | pmax | |
| BJI | Baijiazuo | 16.28 342 | P | P | 07 58 22.1 | +1.9 | | | |
| BJI | Beijing | 16.26 342 | P | P | 07 58 21.5 | +1.1 | | | |
| BJI | | | | | | | pmax | pmax | |
| INU | comp=Z,50nm,0.9s | | | | | | pmax | pmax | |
| JGF | Inuyama | 16.44 46 | Pn | Pn | 07 58 20.8 | -0.7 | | | |
| JHG | Kuroka | 16.82 46 | P | P | 07 58 27.0 | +0.5 | | | |
| JHF | Hachioji jima 2 | 17.28 57 | P | P | 07 58 34.9 | +3.2 | | | |
| JHJ2 | Mitsune | 17.30 57 | P | Pn | 07 58 34.2 | +2.2 | | | |
| KCP | Kidapawan | 17.69 172fj | eP | P | 07 58 39.8 | +3.0 | | | |
| CD2 | Chengdu | 17.77 295 | fj | P | 07 58 38.0 | +0.4 | | | |
| CD2 | | | | | 07 58 55.0 | -1.7 | | | |
| CD2 | | | | | 08 01 51.5 | -4.4 | | | |
| CD2 | | | | | 08 02 15.3 | +1.9 | | | |
| CD2 | comp=Z,120nm,1.0s | | | | | | pmax | pmax | |
| CCJ | Chichijima | 17.84 78 | P | Pn | 07 58 38.3 | -0.2 | | | |
| CCJ | comp=Z,6.5nm,0.3s,baaz=204,slow=5.4,SNR=4.0 | | | | | | | | |
| CCJ | Chichijima | 17.84 78 | P | Pn | 07 58 38.2 | -0.3 | | | |
| CCJ | | | | | 07 58 39.9 | | | | |
| MAJO | Matsushiro | 17.93 45 | P | Pn | 07 58 39.7 | +0.1 | | | |
| MAT | Matsushiro | 17.93 45 | P | P | 07 58 36.8 | -1.9 | | | |
| MJAR | Matsushiro Arr | 17.93 45 | P | P | 07 58 38.0 | -0.7 | | | |
| MJAR | comp=Z,0.2nm,0.3s,baaz=231,slow=8.9,SNR=25 | | | | | | LR | LR | |
| MJAR | comp=Z,181nm,20.9s,baaz=240,slow=39 | | | | | | LR | LR | |
| KMI | Kunming | 17.99 276fj | eP | P | 07 58 39.3 | -0.4 | | | |
| KMI | | | | | 07 58 53.5 | -6.3 | | | |
| KMI | | | | | 07 58 56.5 | +1.6 | | | |
| KMI | | | | | 08 01 52.3 | -8.6 | | | |
| KMI | comp=Z,13nm,0.5s | | | | | | pmax | pmax | |
| KMI | comp=Z,89nm,7.4s | | | | | | LR | LR | |
| KMI | comp=Z,440nm,8.2s | | | | | | LR | LR | |
| KMI | comp=Z,390nm,5.0s | | | | | | LR | LR | |
| KMI | comp=Z,630nm,12.7s | | | | | | LR | LR | |
| HHC | Hu-ho-hao-te | 18.60 333fj | iP | Pn | 07 58 48.5 | +0.9 | | | |
| HHC | | | | | 08 02 09.0 | -3.6 | | | |
| HHC | | | | | 08 02 34.0 | -1.1 | | | |
| HHC | comp=Z,110nm,1.2s | | | | | | pmax | pmax | |
| JSD | Sado | 18.90 41 | P | Pn | 07 58 50.4 | -0.6 | | | |
| JSD | | | | | 07 59 44.6 | | | | |
| CN2 | Changchun | 19.27 6 | eP | P | 07 58 52.5 | -0.7 | | | |
| CN2 | | | | | | | pmax | pmax | |
| KKM | Kota Kinabalu | 19.46 199 | P | P | 07 58 55.9 | +0.3 | | | |
| KKM | | | | | 07 58 58.0 | | | | |
| YAK | Lahad Datu | 19.73 192 | P | P | 07 58 58.8 | +0.4 | | | |
| MYLDM | | | | | 07 59 05.6 | | | | |
| LZH | Lanzhou | 19.74 310 | eP | Pn | 07 59 00.8 | -0.3 | | | |
| LZH | | | | | | | pmax | pmax | |
| LZH | comp=Z,52nm,1.0s | | | | | | pmax | pmax | |
| LZH | comp=Z,240nm,4.9s | | | | | | LR | LR | |
| LZH | comp=Z,590nm,11.4s | | | | | | LR | LR | |
| LZH | comp=Z,590nm,14.1s | | | | | | LR | LR | |
| LZH | comp=Z,480nm,14.6s | | | | | | LR | LR | |
| JMM | Marumori | 20.38 45 | P | P | 07 59 01.6 | -3.7 | | | |
| MDJ | Mudanjiang | 20.75 14 | P | P | 07 59 03.9 | +0.2 | | | |
| MDJ | | | | | | | pmax | pmax | |
| MDJ | comp=Z,260nm,4.4s | | | | | | LR | LR | |
| MDJ | comp=Z,410nm,6.2s | | | | | | LR | LR | |
| MDJ | comp=Z,590nm,11.4s | | | | | | LR | LR | |
| MDJ | comp=Z,210nm,1.8s | | | | | | IAMB | IAMB | |

| | | | | | | | | | |
|--------------|--------------------------------------------|-----------|---|------|------------|------|-----|-----|--|
| USA0B | Ussuriysk Arra | 20.09 19 | P | IAMB | 07 59 11.3 | -0.4 | | | |
| USA0B | | | | | 07 59 12.8 | | | | |
| USRK | Ussuriysk Arr | 20.09 19 | P | P | 07 59 11.9 | +0.2 | | | |
| | comp=Z,101nm,0.8s | | | | | | | | |
| CHAI | Chaiyaphum | 21.14 250 | P | P | 07 59 16.5 | +2.9 | | | |
| | comp=Z,395nm,comp=Z,25nm,0.7s | | | | | | | | |
| PHIT | Phitsnulok | 21.55 255 | P | P | 07 59 30.7 | +8.5 | | | |
| | comp=Z,67nm,0.8s | | | | | | | | |
| SRAK | Grakaw | 22.02 245 | P | P | 07 59 21.0 | -2.0 | | | |
| | comp=Z,3um,comp=Z,205nm,1.2s | | | | | | | | |
| LAMP | Lampang | 22.15 259 | P | P | 07 59 32.4 | +8.1 | | | |
| | comp=Z,15nm,0.6s | | | | | | | | |
| CMMT | Chiang Mai | 22.67 260 | P | P | 07 59 31.0 | +1.3 | | | |
| | comp=Z,8.9nm,0.8s | | | | | | | | |
| CM09 | Chiang Mai Arr | 22.75 259 | P | P | 07 59 30.9 | +1.2 | | | |
| | comp=Z,85nm,comp=Z,8.8nm,0.9s | | | | | | | | |
| CM04 | Chiang Mai Arr | 22.78 259 | P | P | 07 59 35.0 | +4.3 | | | |
| | comp=Z,88nm,comp=Z,7.7nm,0.8s | | | | | | | | |
| CMAR | Chiang Mai Arr | 22.79 259 | P | P | 07 59 32.4 | +1.5 | | | |
| | comp=Z,2.5nm,0.7s,baaz=58,slow=7.9,SNR=12 | | | | | | | | |
| CMAR | comp=Z,3.2nm,0.8s,baaz=59,slow=1.3,SNR=14 | | | | | | PcP | PcP | |
| CMAR | comp=Z,1.5nm,0.7s,baaz=57,slow=1.2,SNR=8.1 | | | | | | ScP | ScP | |
| CMAR | comp=Z,211nm,19.0s,baaz=132,slow=38 | | | | | | LR | LR | |
| CM05 | Chiang Mai Arr | 22.80 259 | P | P | 07 59 30.5 | +4.1 | | | |
| | comp=Z,80nm,comp=Z,9.0nm,0.9s | | | | | | | | |
| CM15 | Chiang Mai Arr | 22.81 259 | P | P | 07 59 37.1 | +6.1 | | | |
| | comp=Z,51nm,comp=Z,4.4nm,0.7s | | | | | | | | |
| CM13 | Chiang Mai Arr | 22.84 259 | P | P | | | | | |

31d 8h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KTH, SUA, I23K, etc.

2014 DEC

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like UPIC, WRAC, YKA, etc.

1502

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ELK, YNE, LWKY, etc.

Table with columns for Code, Station Name, Azimuth, Phase, Time, and Res. Includes stations like IKFM, IKMR, IKMR, etc.

31d 11h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Ulaanbaatar, Keravat, Waramungga Arr, etc.

2012 DEC

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like NRIK Noril'sk, GEYT Alibeck, GYA0B ALIBECK Array, etc.

1508

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CGP Gayagan de Oro, LLLP Lapu-Lapu, DAV Davao City, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Barranco-do-Ve, MD31, Castro Verde, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Banda Sea, Sorong, Baumenta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station identifiers. Includes stations like Kishinev, Copacabana, Mufuratlar, etc.

Summary information at the bottom of the page, including coordinates and station identifiers: IDC 31 11:43:54.3... 6.86S; 129.99E; h106km; 26km; mb3.4/1, mb1 3.8/6, mb1mx3.3/30, mbtmp4.0/6, Error ellipse: s-maj=28.6km s-min=20.0km az=112.0

31d 13h

Table with columns: LBTB, Lobate, 3.18 249, eP, P, 12 41 48.1 +1.6, etc.

IDC 31 12:45:39.0, 0.7, 2.4, 46N, 127.68E, h0km, mb4.1/15, mb1 4.2/17, mb1mx3.0/35, mbtmp4.1/17, ML3.8/2, MS3.2/3, Ms1 3.2/3, ms1mx2.7/31, Error ellipse: s-maj=26.5km s-min=13.4km az=80.0

NEIC 31 12:45:38.5, 3.1, 2.4, 5N, 0.1, 127.84E, 0.0, 8, 9km, mb4.4/17, Error ellipse: s-maj=16.3km s-min=9.5km az=166.0

JMA 31 12:45:40.6, 0.2, 2.4, 49N, 127.77E, h65km, M3.7, ISC 31 12:45:43.0, 0.5, 2.4, 48N, 0.0, 5, 127.77E, 0.0, 4, h35km, n69, -25/90, mb4.3/22, Southeast of Ryukyu Islands

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

2014 DEC

RSNC 31 12:54:54.7, 1.3, 6.81N, 73.17W, h152km, 5km, ML3.5, Mw3.8, Fault plane solution: NP1, 13.00000, 830.00000, 133.00000

ISC 31 12:54:53.1, 0.9, 6.85N, 73.12W, 0.04, h160km, 6km, n32, e123/60, 5C-4D, Northern Colombia

Main table of station data for the 2014 DEC section, including station names like Barichara, Barranca, Pampiona, etc.

1510

Main table of station data for the 1510 section, including station names like IPOC Station P, Humburstone, Punta Patache, etc.

AEIC 31 13:19:45.0, 8.66, 94N, 0.06, 156.3W, 0.1, h10km, 7km, ML3.1, Error ellipse: s-maj=8.9km s-min=5.7km az=182.0, ANF 31 13:19:48.6, 0.9, 66.84N, 156.33W, h30km, 11km, ML3.5/10, Error ellipse: s-maj=8.2km s-min=3.0km az=72.0

ISC 31 13:19:46.5, 1.5, 66.89N, 0.04, 156.19W, 0.07, h10km, n57, -87/769, Northern Alaska

Main table of station data for the 1510 section, including station names like TAPS Pump Stn5, Coldfoot, Minto, Yukon-K, etc.

IDC 31 12:59:38.4, 1.0, 21.28S, 67.26W, h179km, 11km, mb3.5/5, s-maj=3.9, mb1mx3.4/31, mbtmp3.9/9, Error ellipse: s-maj=2.16km s-min=1.56km az=139.0

GUC 31 12:59:40.3, 0.6, 21.39S, 67.52W, h210km, 5km, ML4.0, s-maj=3.1, mb1mx3.1/7, 21.38S, 67.42W, h176km, 10km, ML3.7/7, Error ellipse: s-maj=5.5km s-min=4.3km az=0.0

ISC 31 12:59:39.5, 0.7, 21.38S, 0.04, 67.40W, 0.04, h191km, 6km, n47, e120/73, mb3.9/5, 15C-3D, Chile-Bolivia border region

31d 14h

Table of astronomical observations for 31d 14h, listing station names (e.g., LZH, GTA, ULN), coordinates, and various parameters like SNR and error margins.

2014 DEC

Table of astronomical observations for 2014 DEC, listing station names (e.g., J01E, K02D, I03D), coordinates, and various parameters like SNR and error margins.

1512

Table of astronomical observations for 1512, listing station names (e.g., PNCL, PCVE, PVAO), coordinates, and various parameters like SNR and error margins.

JMA 31 14:23:26.7, 36:58N: 140:97E, h23km, 1km, M4.3
JMA Felt II.1
NIED 31 14:23:26.7, 36:58N: 140:97E, h23km, MW4.1, Moment Tensor Solution...

Code Station Name Δ° AZ° Phase ID h m s ISC Time Res
JHO Hitachi 0.31 270 P S Pg 14 23 36.3 -0.3

MDD 31 14:23:10.0, 3.1, 36:88N: 12:35W, h0km, mb3.5/1, Error ellipse: s-maj=28.9km s-min=21.7km az=8.0, PRX/MO
INMG 31 14:23:10.2, 0.9, 36:83N: 12:75W, h10km, ML2.0, Error ellipse: s-maj=10.4km s-min=7.9km az=96.0

Table with columns: STKA, Stephens Creek, 68.14 179 P P, 14 34 25.6 +0.1, comp=Z,1.9nm,0.8s,baz=337,slow=14,SNR=4.0

BGR 31 14:40:30.8-0.0, 65.03Nk:19.96W, h33km, mb4.4
REY 31 14:40:37.6, 64.66Nk:17.39W, h1km
IDC 31 14:40:38.3-0.8, 64.62Nk:17.45W, h0km, mb3.8/14, mb1.4/0.16, mb1mx3.8/49, mbtmp3.8/16, ML3.4/2, MS3.4/7, Ms1.3/4.7, ms1mx3.0/40, Error ellipse: s-maj=24.5km s-min=14.0km az=39.0

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

Table with columns: CLL, Collm, 20.61 117 P P, 14 45 19.2 +0.2, comp=Z,2.8nm,1.7s

NORS 31 14:40:40.3-0.0, 42.930N:45.97E, h78km,2km, MPVA3.7
DRS 31 14:40:45.7-0.0, 42.93N:45.82E, h28km
IDC 31 14:40:42.8-1.5, 43.02N:0.05+45.96E:0.03, h72km,gkm, n25,+134/50, Eastern Caucasus

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

Table with columns: ARNR, Ardon, 1.24 278 ePg Pn, 14 41 04.5 -0.1

IDC 31 14:49:12.9-1.0, 55.48S:27.82W, h0km, mb3.7/3, mb1.9/3.9, mb1mx3.7/19, mbtmp3.7/3, Error ellipse: s-maj=49.5km s-min=31.4km az=60.0

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

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

ECX 31 17:33:39.9-0.6, 31.58N x 115.59W, h10km, 19km, MD2.0, ML2.2

MEX 31 17:33:40.3-19.0, 31.61N-115.35W, h15km, 403km, MD3.6

ISC 31 17:33:38.1-1.1, 31.59N-0.04-115.60W-0.04, h16km, 10km, n5, 0938/17, 5C-1D, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VALLE DE LA TR, SAN PEDRO MART, etc.

VAO 31 17:37:52.3-1.5, 6.82S-75.21W, h83km, mb4.1

ISC 31 17:38:01.4-0.8, 6.95S-0.2-74.35W-0.07, h100km, n22, 0149/21, mb3.4/3, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRUIZEIRO DO SU, ATAHUALPA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARAG ARAGUAIANA, DUBO1 FRIBURGO, etc.

IDC 31 17:53:32.1-6.0, 36.29N x 70.76E, h159km, 56km, mb3.3/5, mb1 3.2/9, mb1mx2.9/53, mbtmp3.7/9, MS2.7/1, Ms1 2.7/1, ms1mx2.2/45, Error ellipse: s-maj=44.0km s-min=22.9km az=19.0

NNC 31 17:53:35.3-4.3, 36.72N x 70.31E, h132km, 79km, mb3.0, mp3.5/2, Error ellipse: s-maj=35.1km s-min=26.3km az=32.0

ISC 31 17:53:36.8-0.9, 36.70N-0.07-70.69E-0.09, h204km, n28, 01865/32, mb3.4/6, 6C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML ALTOAY, UCH UCHAYTA, etc.

IDC 31 17:54:47.6-1.7, 2.50S-78.77W, h0km, mb3.9/6, mb1 4.2/8, mb1mx3.8/38, mbtmp4.0/8, ML3.9/2, MS3.0/3, MS1 3.0/3, ms1mx2.7/34, Error ellipse: s-maj=106.8km s-min=23.0km az=75.0

IGQ 31 17:54:52.8-0.8, 3.3S-8.0W, h7km, M4.5

NEIC 31 17:54:57.6-1.4, 3.05S-0.08-79.59W-0.2, h92km, 13km, mb4.4/10, Error ellipse: s-maj=31.6km s-min=11.8km az=85.0

ISC 31 17:54:59.0-0.8, 2.85S-0.06-79.63W-0.06, h100km, n72, 0154/59, mb4.3/10, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACH2 ECUADOR-MACHAL, COC CHONCHO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNA NANA, NNA 9.49 163, etc.

IDC 31 18:10:30.6-1.1, 35.10N-25.92E, h0km, mb3.6/10, mb1 3.7/14, mb1mx3.6/59, mbtmp3.6/14, ML3.4/4, Error ellipse: s-maj=28.1km s-min=9.0km az=2.0

ISK 31 18:10:30.6, 35.08N-25.85E, h8km, ML3.4/6

THE 31 18:10:30.9, 35.09N-25.86E, h2km, mb3.3/3, Error ellipse: s-maj=2.0km s-min=0.2km az=162.0

ATH 31 18:10:31.1, 35.09N-25.87E, h15km, mb3.2/6, Error ellipse: s-maj=3.4km s-min=0.9km az=5.0

ISC 31 18:10:30.7-1.2, 35.05N-0.05-25.91E-0.02, h7km, 7km, n55, 0156/69, mb3.6/10, Crete

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

IDC 31 18:10:30.6-1.1, 35.10N-25.92E, h0km, mb3.6/10, mb1 3.7/14, mb1mx3.6/59, mbtmp3.6/14, ML3.4/4, Error ellipse: s-maj=28.1km s-min=9.0km az=2.0

ISK 31 18:10:30.6, 35.08N-25.85E, h8km, ML3.4/6

THE 31 18:10:30.9, 35.09N-25.86E, h2km, mb3.3/3, Error ellipse: s-maj=2.0km s-min=0.2km az=162.0

ATH 31 18:10:31.1, 35.09N-25.87E, h15km, mb3.2/6, Error ellipse: s-maj=3.4km s-min=0.9km az=5.0

ISC 31 18:10:30.7-1.2, 35.05N-0.05-25.91E-0.02, h7km, 7km, n55, 0156/69, mb3.6/10, Crete

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Malin Array Be, Monsted Ugrnd, and various other observatory sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like RAO Isoul Island, Alice Springs, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA Warramunga Arr, YKA Yellowknife Arr, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NEIC 18:31:40.0, ANF 18:31:40.3, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ABTX Abilene, MSTX Muleshoe, WHTX Lake Whitney, and various other sites.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chaparral WMA, KAN08 Anthony NE Sta, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SDCO Great Sand Dun, MIAR Mount Ida, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W39A Magazine, W39A Magazine, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like U38A Gravelite, W41B Gary Mavity, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like S39A Bolivar, W18A Petrified Forest, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like White River Ci, Paris, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRVT Karavat, KRVT, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TEL Teeli, CUR Chagan-Uzun, and various other sites.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSH Kashi, CEP Cherat, and various other sites.

ADC 31 18:47:36.4, 1.5, 5.55S:151.87E, h46km, 32km, mb3.1/2, mb1 3.4/3, mb1mx3.0/37, mmbt3.4/3, MLO.6/1, Error ellipse: s-maj=86.2km s-min=11.0km az=117.0, New Britain region

NNC 31 19:01:39.3, 3.4, 50.45N:90.06E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=32.9km s-min=16.9km az=89.0

ASRS 31 19:01:35.6, 3.5, 50.74N:90.0E, h10km, MLO3.1/4, 7C-3D, smi:org, gzf:potdam, del:org/LCSA, earth:ModelID smi:org, gzf:potdam, del:org/tab confirmed, Tuva-Buryatia-Mongolia border region

ADC 31 18:16:50.5, 6.8, 27.58S:176.94W, h76km, 64km, mb3.1/2, mb1 3.4/2, mb1mx3.2/34, mmbt3.5/2, Error ellipse: s-maj=75.6km s-min=47.2km az=155.0

ADC 31 18:16:48.2, 1.9, 27.33S:101.177W, 0.4, h35km, n6, 0.95E/7, Kermadec Islands region

ADC 31 18:25:12.5, 12.0, 48.87S:125.24E, h0km, mb3.4/2, mb1 3.6/2, mb1mx3.4/19, mmbt3.4/2, Error ellipse: s-maj=815.7km s-min=76.0km az=95.0, Western Indian-Antarctic Ridge

NEIC 18:31:40.0, 1.7, 32.95N:100.84W, 0.04, h5km, 2km, mb_Lg3.2/95, Error ellipse: s-maj=8.8km s-min=4.8km az=204.0

ANF 18:31:40.3, 0.2, 32.97N:100.83W, h5km, ML4.4/13, ML4.4/13, Error ellipse: s-maj=3.3km s-min=2.1km az=39.0

ADC 31 18:31:41.4, 1.5, 32.95N:100.79W, 0.03, h14km, 12km, n110, 0.1930/108, Western Texas

ADC 31 19:04:50.6, 1.7, 37.94N:72.66E, h113km, 15km, mb3.9/29, mb1 4.1/33, mb1mx3.9/48, mmbt3.4/33, MS3.3/8, Ms1 3.3/8, ms1mx3.0/42, Error ellipse: s-maj=11.8km s-min=7.9km az=24.0

MOS 31 19:04:50.3, 0.9, 38.02N:72.62E, h119km, mb4.6/16, Error ellipse: s-maj=5.6km s-min=3.7km az=89.0

Bull 31 19:04:50.7, 0.0, 38.10N:72.66E, h120km, mb4.8/22, mb4.5/33

NEIC 31 19:04:51.7, 1.7, 37.97N:0.06E:72.60E:0.08, h119km, 6km, mb4.7/80, Error ellipse: s-maj=9.4km s-min=8.6km az=88.0

NNC 31 19:04:53.5, 5.4, 38.24N:72.38E, h176km, 67km, mb4.3, mpv5.0, Error ellipse: s-maj=56.1km s-min=27.1km az=168.0

ADC 31 19:04:50.8, 0.3, 37.95N:100.73E:72.53E:0.03, h119km, n336, 0.1930/362, mb4.5/100, 26C-132, Tajikistan

31d 19h

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like AAK, DZA, THW, KKK31, etc.

2014 DEC

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like BHUU, PKIN, GUN, BRVK, etc.

1520

Table with columns: Call Sign, Frequency, Power, Mode, Date/Time, and other parameters. Includes stations like HHC, HHC, PAYA, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like KMI, BELA, ZAAO, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like 319A Douglas, PINE Pine Mountain, TUC Tucson, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like EIDS, MEH Mehetia, ARMA Armidale, etc.

31d 21h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like LUWI, MORW, VVND, BKSJ, MRSI, BNSI, KAPI, SPSI, TTSI, PLAI, TOLL, GIRL, MPSI, KBKI, JAGI, MYLDM, CASY, JYT, BTKI, MTKI, JGF, INU, MJAR, MAJO, MAT, SPMM, UGM, JHS, PBKI, JNU, JEW, STKI, SBUM, SBUM, SBUM, ASAJ, YULB, SSLB, TPUB, CISI, CISI, QSPA, QSPA, KSM, KSM, LEM, YSS, DBJI, PEAO, PETK, CGJI, KSRK, PPBI, KASI, USRK, USAOB, PMBI, LWLI, MDSI, PKM, HOPS, KMRM, LHSI, MWC, VES, O02D, NJ2, MNAI, MURC, EDWZ, MDJ, ISA, and ISB.

2014 DEC

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like CMB, IKP, ORV, KSI, M02C, O03E, KDAD, YBH, YBH, YK02, CWC, OMMB, J01E, SLBS, MPMC, GSC, HUMO, BEKR, HEC, PNTR, L04D, M04C, I03D, GRAC, GMRC, NVAR, CN2, KLR, J04D, I04A, TPH, SDSI, TPNV, MOD, MOD, 214A, HSIG, K05A, WHN, PDMCI, G03D, J05D, PINE, PINE, BKNJ, I05D, TIA, TIA, MA2, PRN, R11A, W05D, GVOR, E04D, F05D, TUC, TUC, D03D, IPM, IPM, IPM, TTA, MNSI, CCUT, BELA, KNK, KNB, SZCU, U15A, ELK, ELK, KULM, KULM, KULM, B05A, G08A, WUAZ, WUAZ, SCM, HAWA, X16A, BJT, BJI, BJI, MTPU, SEY, BMO, N25K, N25K, M24K, GLB, and GLB.

1524

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like W18A, ENH, CTGM, MAW, MAW, MAW, DUG, TSI, D12A, MCK, GSI, GSI, ZAIG, HLID, HLD, GYA, TMUT, TIV, L26K, PNTR, MLY, RIDG, RIDG, TPTI, HDA, DOT, NEW, I23K, MNTX, MNTX, SCRK, BNM, IL31, ILAR, XAN, XAN, XAN, POKR, HIA, HIA, TX31, TXAR, TXAR, BILL, ANMO, ANMO, ANMO, ANMO, ANMO, K27K, MCMT, MSLI, MSO, HHC, HHC, EGAK, S22A, O20A, COLD, COLD, BOZ, BW06, PD31, PDAR, PDAR, KMI, KMI, KMI, H17A, SDCO, CM31, CMAR, CMAR, MSTX, MSTX, MSTX, TOLK, TOLK, CHTO, CHTO, CD2, CD2, ISCO, N23A, N23A, N23A, and 833A.

| | | | | |
|--------------------------------------------|-------|------|------------|------|
| CLNS | ePg | Pg | 22 05 22.0 | -4.1 |
| CLNS | eSn | Sg | 22 06 11.0 | +0.2 |
| CLNS | eSg | Sg | 22 06 41.2 | -3.3 |
| HRMR | ePn | Pn | 22 05 02.9 | +0.8 |
| HRMR | ePn | Pn | 22 05 19.0 | |
| HRMR | ePg | Pb | 22 05 21.8 | +3.6 |
| HRMR | ePmax | Pb | 22 05 26.6 | |
| comp=N,129nm,0.7s | | | | |
| HRMR | eSg | Sg | 22 06 40.8 | -6.5 |
| HRMR | eSmax | Sg | 22 06 56.4 | |
| comp=N,2um,1.5s | | | | |
| KPC | ePn | Pn | 22 05 06.8 | -0.2 |
| KPC | e | Pb | 22 05 18.0 | |
| KPC | ePg | Pb | 22 05 28.6 | +4.6 |
| KPC | ePmax | Pb | 22 05 34.3 | |
| comp=N,33nm,0.8s | | | | |
| KPC | eSn | Sg | 22 06 18.6 | -3.2 |
| KPC | eSg | Sg | 22 06 52.2 | -6.5 |
| KPC | eSmax | Sg | 22 07 08.8 | |
| comp=N,90nm,1.4s | | | | |
| KPC | ePn | Pn | 22 05 06.5 | -0.5 |
| KPC | ePn | Pn | 22 05 27.4 | |
| KPC | ePmax | Pn | 22 06 51.7 | |
| comp=Z,33nm,0.8s | | | | |
| KPC | eSmax | Smax | | |
| BGT | ePn | Pn | 22 05 05.8 | -1.3 |
| BGT | ePg | Pb | 22 05 27.6 | +3.4 |
| BGT | ePmax | Pb | 22 05 29.7 | |
| comp=E,10.0nm,0.1s | | | | |
| BGT | e | Sb | 22 06 07.2 | |
| BGT | eSg | Sb | 22 06 33.0 | |
| BGT | eSmax | Sb | 22 06 49.7 | +7.2 |
| BGT | eSmax | Sb | 22 06 58.4 | |
| comp=E,358nm,0.7s | | | | |
| LSTR | ePn | Pn | 22 05 13.3 | +0.9 |
| LSTR | ePg | Pb | 22 05 33.2 | +2.5 |
| LSTR | ePmax | Pb | 22 05 35.8 | |
| comp=E,35nm,1.4s | | | | |
| LSTR | eSg | Sb | 22 07 01.2 | +7.7 |
| LSTR | e | Sb | 22 07 09.1 | |
| LSTR | eSmax | Sb | 22 07 15.4 | |
| comp=E,341nm,1.5s | | | | |
| IRK | ePg | Pb | 22 05 35.2 | +4.0 |
| IRK | e | Pmax | 22 07 03.8 | |
| comp=Z,34nm,0.1s | | | | |
| IRK | eSmax | Smax | | |
| comp=E,963nm,0.6s | | | | |
| IVK | ePg | Pg | 22 05 27.6 | -7.2 |
| IVK | ePmax | Pg | 22 05 39.3 | -7.4 |
| IVK | ePmax | Pg | 22 05 51.6 | |
| comp=E,31nm,0.6s | | | | |
| IVK | e | Sg | 22 07 06.7 | |
| IVK | eSg | Sg | 22 07 10.7 | -8.4 |
| IVK | eSmax | Sg | 22 07 26.2 | |
| comp=E,391nm,1.0s | | | | |
| TLY | ePn | Pn | 22 05 22.0 | +3.3 |
| TLY | ePg | Pb | 22 05 46.1 | +0.8 |
| TLY | ePmax | Pb | 22 05 48.9 | |
| comp=E,26nm,1.2s | | | | |
| TLY | eSg | Sb | 22 07 05.4 | |
| TLY | eSg | Sb | 22 07 22.3 | +9.2 |
| TLY | eSmax | Sb | 22 07 30.3 | |
| comp=E,259nm,1.0s | | | | |
| TLY | ePg | Pb | 22 05 47.7 | +5.4 |
| TLY | ePmax | Pb | 22 07 23.2 | |
| comp=Z,29nm,0.6s | | | | |
| TLY | eSg | Pn | 22 05 23.4 | +1.7 |
| HIA | iPn | Pn | 22 05 22.8 | -0.3 |
| HIA | iPn | Pn | 22 05 21.3 | -1.8 |
| ZEA | ePn | Pn | 22 05 28.6 | +1.6 |
| ZEA | ePn | Pn | 22 06 55.6 | |
| comp=Z,10.0nm,0.4s | | | | |
| ZEA | eSmax | Smax | | |
| comp=E,20nm,0.7s | | | | |
| ZEA | eMLR | MLR | | |
| comp=Z,500nm,4.0s | | | | |
| ARS | ePn | Pn | 22 05 29.1 | +1.1 |
| ARS | ePg | Pb | 22 05 39.2 | |
| ARS | ePmax | Pb | 22 05 54.0 | +4.0 |
| ARS | ePmax | Pb | 22 06 02.3 | |
| comp=Z,43nm,0.9s | | | | |
| ARS | eSg | Sg | 22 07 37.0 | -1.1 |
| ARS | eSmax | Sg | 22 07 43.5 | |
| comp=Z,933nm,0.9s | | | | |
| ARS | ePn | Pn | 22 05 29.6 | +1.6 |
| ZAK | ePn | Pn | 22 05 37.5 | +1.2 |
| ZAK | ePg | Pg | 22 06 06.5 | -8.9 |
| ZAK | ePmax | Pg | 22 06 16.4 | |
| comp=Z,16nm,1.0s | | | | |
| ZAK | eSg | Sg | 22 07 57.8 | -9.3 |
| ZAK | eSmax | Sg | 22 08 31.8 | |
| comp=Z,306nm,1.7s | | | | |
| ZAK | ePn | Pn | 22 05 39.4 | +3.1 |
| ZAK | e | Pmax | 22 06 08.5 | |
| ZAK | e | Pmax | 22 07 57.4 | |
| comp=Z,16nm,1.0s | | | | |
| ZAK | eSmax | Smax | | |
| comp=N,306nm,1.6s | | | | |
| MOY | ePn | Pn | 22 05 41.3 | +1.4 |
| MOY | ePmax | Pn | 22 05 55.8 | |
| comp=N,40nm,1.2s | | | | |
| MOY | eSg | Sg | 22 07 25.1 | |
| MOY | eSg | Sg | 22 08 03.5 | -1.2 |
| MOY | eSmax | Sg | 22 08 09.5 | |
| comp=N,438nm,1.5s | | | | |
| MOY | ePn | Pn | 22 05 41.0 | +1.1 |
| MOY | e | Pmax | 22 06 11.2 | |
| MOY | e | Pmax | 22 08 04.8 | |
| comp=Z,37nm,0.8s | | | | |
| MOY | eSmax | Smax | | |
| comp=N,439nm,1.1s | | | | |
| ORL | iPn | Pn | 22 05 43.1 | +1.0 |
| ORL | e | Pmax | 22 05 51.8 | |
| ORL | e | Pmax | 22 06 04.6 | |
| comp=N,48nm,1.2s | | | | |
| ORL | eSn | Sn | 22 07 18.7 | -6.0 |
| ORL | eSg | Sg | 22 08 08.4 | |
| ORL | eSmax | Sg | 22 08 21.8 | |
| comp=N,234nm,1.7s | | | | |
| ORL | ePn | Pn | 22 05 42.2 | +0.1 |
| ORL | ePmax | Pn | | |
| comp=Z,55nm,0.8s | | | | |
| ULN | P | Pn | 22 05 46.4 | +0.8 |
| ULN | Pn | Pn | 22 05 46.4 | +0.8 |
| SONM | ePn | Pn | 22 05 49.4 | +0.7 |
| comp=Z,0.5nm,0.3s,baz=25,slow=13,SNR=19 | | | | |
| SONM | eSn | Sn | 22 07 34.2 | -2.2 |
| comp=Z,0.9nm,0.3s,baz=52,slow=32,SNR=3.6 | | | | |
| SONM | eLg | Lg | 22 08 25.8 | |
| comp=Z,2.0nm,0.3s,baz=18,slow=29,SNR=3.6 | | | | |
| SONM | eLg | LR | 22 09 51.2 | |
| comp=Z,134nm,18.9s,baz=22,slow=60 | | | | |
| YAK | ePn | Pn | 22 05 53.3 | -1.2 |
| comp=Z,0.1nm,0.3s,baz=298,slow=1.2,SNR=5.8 | | | | |
| YAK | eSn | Sn | 22 07 41.5 | -5.6 |
| comp=Z,0.1nm,0.3s,baz=130,slow=17,SNR=1.8 | | | | |
| YAK | eLg | Lg | 22 08 39.2 | |
| comp=Z,0.1nm,0.3s,baz=311,slow=22,SNR=14 | | | | |
| YAK | ePn | Pn | 22 05 55.5 | +0.9 |
| YAK | eS | Pn | 22 07 47.8 | +0.7 |
| comp=Z,6.0nm,0.9s | | | | |
| YAK | ePmax | Pmax | | |
| comp=E,4.0nm,0.9s | | | | |
| YAK | eSmax | Smax | | |
| comp=N,11nm,0.4s | | | | |
| YAK | eSmax | Smax | | |
| comp=E,28nm,1.1s | | | | |
| YAK | eMLR | MLR | | |
| YAK | eMLR | MLR | | |
| comp=Z,73nm,12.0s | | | | |
| YAK | eMLR | MLR | | |
| comp=E,46nm,10.0s | | | | |
| YAK | eMLR | MLR | | |
| comp=N,59nm,11.0s | | | | |
| YAK | ePn | Pn | 22 05 53.0 | -1.5 |
| KNGR | ePn | Pn | 22 06 12.4 | -0.4 |

| | | | | |
|-------------------------------------------|-------|------|------------|------|
| KNGR | e | Pn | 22 06 36.1 | |
| KNGR | eSg | Pn | 22 09 19.6 | |
| ARADR | ePn | Pn | 22 06 29.1 | -0.4 |
| ARADR | e | Pn | 22 06 39.5 | |
| ARADR | e | Pn | 22 07 21.3 | |
| ARADR | eSg | Pn | 22 09 56.7 | |
| KLR | ePn | Pn | 22 06 33.7 | +1.3 |
| comp=N,0.6nm,0.3s,baz=311,slow=14,SNR=14 | | | | |
| KLR | eSn | Sn | 22 08 48.8 | -5.9 |
| KLR | eLg | Lg | 22 10 04.7 | |
| comp=N,0.3nm,0.3s,baz=279,slow=23,SNR=4.5 | | | | |
| KLR | eLR | LR | 22 12 08.0 | |
| comp=N,60nm,20.5s,baz=308,slow=41 | | | | |
| USRK | eLg | Lg | 22 12 10.6 | |
| Ussuriysk Ar | eLg | Lg | 16 50 12.9 | |
| baz=69,slow=25,SNR=6.9 | | | | |
| TIXI | eP | Pn | 22 07 23.6 | -2.9 |
| TIXI | ePmax | Pn | | |
| comp=Z,16nm,1.0s | | | | |
| TIXI | ePn | Pn | 22 07 23.6 | -2.9 |
| TIXI | eIamb | Iamb | 22 07 29.0 | |
| comp=Z,16nm,1.0s | | | | |
| ZAAO | ePn | Pn | 22 07 27.3 | -1.9 |
| Zalesovo Array | ePn | Pn | 16 84 275 | |
| Zalesovo Beam | ePn | Pn | 16 84 275 | |
| comp=Z,0.1nm,0.3s,baz=70,slow=13,SNR=12 | | | | |
| ZALV | eLg | Lg | 22 12 20.5 | -1.1 |
| comp=Z,0.1nm,0.3s,baz=87,slow=25,SNR=4.4 | | | | |
| ZALV | eLR | LR | 22 14 14.1 | |
| comp=Z,185nm,18.0s,baz=90,slow=6 | | | | |
| ZALV | ePn | Pn | 16 84 275 | |
| Zalesovo Beam | ePn | Pn | 16 84 275 | |
| comp=Z,3.0nm,0.7s | | | | |
| DGZ | ePn | Pn | 22 07 31.5 | -0.4 |
| DGZ | ePmax | Pn | | |
| comp=Z,5.0nm,0.9s | | | | |
| NRIK | ePn | Pn | 22 07 35.8 | -2.4 |
| NRIK | ePn | Pn | 22 07 35.8 | -2.4 |
| comp=Z,1.4nm,0.3s,baz=116,slow=12,SNR=16 | | | | |
| NRIK | eLg | Lg | 22 12 52.1 | |
| comp=Z,0.2nm,0.3s,baz=30,slow=16,SNR=3.3 | | | | |
| NRIK | eLR | LR | 22 15 57.0 | |
| comp=Z,1.73nm,19.2s,baz=329,slow=42 | | | | |
| NRIK | eLR | LR | 22 07 35.9 | -2.4 |
| NRIK | ePmax | Pn | | |
| NRIK | ePn | Pn | 22 07 35.9 | -2.4 |
| NRIK | ePn | Pn | 22 08 04.5 | +8.4 |
| NRIK | ePn | Pn | 22 08 08.8 | |
| NRIK | ePn | Pn | 22 08 12.0 | |
| comp=Z,2.0nm,0.9s | | | | |
| GTA | eSmax | Smax | | |
| comp=N,9.0nm,1.5s | | | | |
| GTA | eSmax | Smax | | |
| comp=E,10.0nm,1.9s | | | | |
| ZSN | ePn | Pn | 22 08 04.2 | -0.3 |
| Zaisan | ePn | Pn | 19 90 256 | |
| baz=256 | | | | |
| ZSN | ePn | Pn | 22 08 04.2 | -0.3 |
| Zaisan | ePn | Pn | 19 90 256 | |
| Seyman | ePn | Pn | 20 34 55 | |
| comp=E,2.0nm,0.8s,baz=264,slow=23,SNR=9.4 | | | | |
| SEY | eLg | Lg | 22 14 09.4 | |
| comp=E,13nm,1.1s,baz=306,slow=12,SNR=5.3 | | | | |
| WMQ | ePn | Pn | 22 08 13.3 | -1.7 |
| Urumqi | ePn | Pn | 20 79 245 | |
| comp=Z,1.0nm,1.1s | | | | |
| WMQ | ePn | Pn | 22 08 13.3 | -1.7 |
| WMQ | eIamb | Iamb | 22 08 18.4 | |
| comp=Z,9.8nm,1.1s | | | | |
| KRSR | eLR | LR | 22 17 12.7 | |
| Korea Array | eLR | LR | 20 87 148 | |
| comp=Z,60nm,22.0s,baz=338,slow=40 | | | | |
| KURK | ePn | Pn | 22 08 22.9 | +1.4 |
| Kurchatov | ePn | Pn | 21 62 271 | |
| comp=Z,20nm,1.7s | | | | |
| KURK | ePn | Pn | 22 08 22.9 | +1.4 |
| KURK | ePn | Pn | 22 08 24.0 | +0.9 |
| KURK | eIamb | Iamb | 22 08 39.6 | |
| comp=Z,11nm,0.8s | | | | |
| MK31 | ePn | Pn | 22 08 23.8 | +1.4 |
| Makanchi Array | ePn | Pn | 21 70 258 | |
| MK31 | ePn | Pn | 21 70 258 | |
| comp=Z,9.6nm,0.8s | | | | |
| MKAR | ePn | Pn | 22 08 23.4 | +1.0 |
| Makanchi Array | ePn | Pn | 21 70 258 | |
| comp=Z,10nm,0.8s,baz=59,slow=8.4,SNR=62 | | | | |
| MKAR | eLR | LR | 22 17 03.5 | |
| comp=Z,195nm,20.3s,baz=19,slow=38 | | | | |
| MKAR | ePn | Pn | 22 08 23.7 | +1.3 |
| Makanchi Array | ePn | Pn | 21 70 258 | |
| comp=Z,11nm,0.8s | | | | |
| MKAR | ePmax | Pmax | | |
| KURB | ePn | Pn | 22 08 23.6 | +1.1 |
| Kurchatov Arra | ePn | Pn | 21 72 270 | |
| comp=Z,13nm,0.8s,baz=68,slow=12,SNR=42 | | | | |
| MAKZ | ePn | Pn | 22 08 24.8 | +0.7 |
| Makanchi | ePn | Pn | 21 86 258 | |
| comp=Z,11nm,1.2s | | | | |
| MAKZ | ePn | Pn | 22 08 24.8 | +0.7 |
| MAKZ | eIamb | Iamb | 22 08 26.3 | |
| comp=Z,11nm,1.2s | | | | |
| TDK | ePn | Pn | 22 08 56.1 | +1.4 |
| Taldyqorghan | ePn | Pn | 24 94 259 | |
| baz=259 | | | | |
| TDK | ePn | Pn | 22 08 56.1 | +1.4 |
| Taldyqorghan | ePn | Pn | 24 94 259 | |
| comp=Z,12nm,0.8s | | | | |
| BVAR | ePn | Pn | 22 08 56.2 | -0.6 |
| Boroyevo Array | ePn | Pn | 25 18 281 | |
| comp=Z,2.0nm,0.8s,baz=63,slow=6.6,SNR=8.7 | | | | |
| BRVK | ePn | Pn | 22 08 58.8 | +1.6 |
| Boroyevo | ePn | Pn | 25 22 282 | |
| comp=Z,10.0nm,0.8s | | | | |
| BRVK | ePn | Pn | 22 08 57.1 | -0.1 |
| Shalkode | ePn | Pn | 22 09 00.4 | -0.3 |
| comp=Z,6.4nm,0.9s,baz=254 | | | | |
| SHLS | ePn | Pn | 22 09 00.3 | -0.3 |
| Shalkode | ePn | Pn | 25 57 254 | |
| comp=Z,5.0nm,0.5s | | | | |
| SHLS | ePn | Pn | 22 09 08.6 | +2.1 |
| Saty | ePn | Pn | 22 09 08.5 | +2.1 |
| Saty | ePn | Pn | 26 21 255 | |
| comp=Z,4.0nm,1.3s | | | | |
| CHKK | ePn | | | |

MAN 31 22:36:06.0, 13:59'N, 120:19'E, h40km, mb4.5, ML3.4, MS3.2
IDC 31 22:36:10.5, 7.5, 13:66'N, 120:56'E, h87km, mb3.5/12, mb1 3.6/12, mb1mx3.6/1, mbtmp3.8/12, MS3.3/3, Ms1 3.3/3, ms1mx2.8/34, Error ellipse: s-maj=52.3km s-min=16.0km az=62.0

ISC 31 22:36:09.3, 0.7, 13:67'N, 120:20'E, h70km, n19, r121/18, mb3.8/12, 3C-1D, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, Guinayanagan, Kagayan de Oro, etc.

IDC 31 22:37:30.2, 1.8, 4:25'S, 143:63'E, h116km, mb3.3/3, mb1 3.5/6, mb1mx3.1/39, mbtmp3.7/6, MS3.2/2, Ms1 3.2/2, ms1mx2.5/20, Error ellipse: s-maj=27.5km s-min=12.8km az=48.0

ISC 31 22:37:29.9, 1.2, 4:25'S, 143:76'E, h100km, n8, r146/8, mb3.5/3, New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Jayapura, Port Moresby, Guam, etc.

IDC 31 23:07:42.1, 2.4, 4:70'N, 106:53'W, h0km, mb1 3.3/3, mb1mx3.1/48, mbtmp3.0/3, ML2.9/3, Error ellipse: s-maj=43.4km s-min=8.6km az=138.0

NEIC 31 23:07:43.6, 2.0, 45:14N, 0:05:106:92'W, 0.4, h0km, 1km, ML2.6/40, Error ellipse: s-maj=8.9km s-min=4.0km az=154.0

ISC 31 23:07:42.5, 1.0, 45:14N, 0:06:106:89'W, 0.06, h0km, n26, r154/26, Montana

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Lasa Array, Red Lodge, Yellowstone No, etc.

IDC 31 23:17:44.5, 6.6, 24:60'S, 179:66'W, h466km, 36km, mb3.4/3, mb1 3.5/5, mb1mx3.1/30, mbtmp4.3/5, Error ellipse: s-maj=86.2km s-min=38.5km az=61.0, South of Fiji Islands

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

ASAR Alice Springs 42.23 261 P P 23 24 55.5 -0.3
ASAR WRA 3.2nm, 0.8s, baz=99, slow=5.6, SNR=1.4
WRA 0.4nm, 0.4s, baz=10, slow=8.2, SNR=57

IDC 31 23:24:07.8, 25.0, 16:82'S, 175:25'W, h585km, 63km, mb3.1/3, mb1 3.3/4, mb1mx2.9/29, mbtmp4.1/4, Error ellipse: s-maj=396.4km s-min=128.7km az=82.0, Tonga Islands

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like Nonsavu, Stephens Creek, Warramunga Arr, etc.

CNRM 31 23:43:30.8, 36:43'N, 10:11'W, h61km
MDD 31 23:43:32.6, 0.9, 36:48'N, 10:05'W, h45km, 37km, mb4.7/19, Error ellipse: s-maj=7.9km s-min=6.0km az=54.0, PRXIMO SFS 31 23:43:32.0, 36:50'N, 9:56'W, ML3.4, SW CABO DE SAN VICENTE

LDG 31 23:43:33.5, 0.1, 36:60'N, 9:92'W, h10km, ML3.4/10, Error ellipse: s-maj=2.9km s-min=2.2km az=40.0
INMG 31 23:43:33.7, 0.9, 36:46'N, 9:97'W, h31km, MD3.2, ML3.2, Error ellipse: s-maj=2.6km s-min=1.7km az=113.0

IGIL 31 23:43:34.5, 36:45'N, 9:96'W, h31km, ML3.1
ISC 31 23:43:30.8, 1.3, 36:49'N, 0:05:93'W, 0.06, h35km, n161, r264/273, 9C-2D, West of Gibraltar

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like Vila Bisbo, Marfeite, etc.

PTEO Sao Teotonio 1.42 42 P Sn 23 44 14.1 +2.6
PTEO Sao Teotonio 1.42 42 eP Sn 23 44 56.6 +2.5

PBDV Barranco-do-Ve 1.75 64 P Sn 23 44 01.7 +2.9
PBDV Barranco-do-Ve 1.75 64 eP Sn 23 44 21.7 +1.8

PCVE Castro Verde 1.88 52 P Sn 23 44 03.6 +3.1
PCVE Castro Verde 1.88 52 eP Sn 23 44 25.4 +2.4

MESJ Messejana 1.91 44 eP Sn 23 44 03.6 +2.8
MESJ Messejana 1.91 44 AML Sn 23 44 27.9 +1.3

MESJ Messejana 1.91 44 P Sn 23 44 03.6 +2.8
MESJ Messejana 1.91 44 S Sn 23 44 24.9 +1.3

PNCL Nicolau / Gran 1.96 34 eP Sn 23 44 00.0 +2.5
PNCL Nicolau / Gran 1.96 34 eS Sn 23 44 26.6 +1.8

PVAQ Vaqueiros 1.98 62 P Sn 23 44 04.7 +2.9
PVAQ Vaqueiros 1.98 62 P Sn 23 44 27.1 +1.7

PVAQ Vaqueiros 1.98 62 P Sn 23 44 04.1 +2.4
PVAQ Vaqueiros 1.98 62 eP Sn 23 44 07.7 +2.9

EGRO El Granado 2.20 61 P Sn 23 44 07.7 +2.8
EGRO El Granado 2.20 61 S Sn 23 44 33.1 +2.2

PBEJ Beja 2.24 46 P Sn 23 44 07.9 +2.5
PBEJ Beja 2.24 46 P Sn 23 44 33.4 +1.6

PBEJ Beja 2.24 46 eP Sn 23 44 07.9 +2.5
PBEJ Beja 2.24 46 S Sn 23 44 33.4 +1.6

LIS Lisbon 2.30 15 S Sn 23 44 34.6 +1.2
LIS Lisbon 2.30 15 eS Sn 23 44 34.6 +1.2

INMG Instituto de M 2.36 15 eS Sn 23 44 37.1 +2.2
INMG Instituto de M 2.36 15 P Sn 23 44 11.2 +2.0

PMAFR Mafra 2.51 11 P Sn 23 44 39.6 +1.1
PMAFR Mafra 2.51 11 eP Sn 23 44 11.2 +2.0

PMAFR Mafra 2.51 11 eS Sn 23 44 40.1 +1.5
PMAFR Mafra 2.51 11 A Sn 23 44 42.9

EVO Evora 2.54 36 P Sn 23 44 11.8 +2.3
EVO Evora 2.54 36 P Sn 23 44 40.1 +1.0

PESTR Estremoz 3.00 37 P Pn 23 44 17.9 +2.0
PESTR Estremoz 3.00 37 eP Sn 23 44 18.0 +2.0

So Bento 3.15 16 eP Sn 23 44 20.2 +2.3
So Bento 3.15 16 eS Sn 23 44 54.6 +0.4

ESPR Espera 3.28 82 P Pn 23 44 22.4 +2.7
ESPR Espera 3.28 82 S Sn 23 44 58.7 +1.2

CPS Cap Spartal 3.31 103 P Pn 23 44 22.6 +2.4
PMRV Marv??o 3.51 34 P Pn 23 44 25.8 +2.4

PMRV Marv??o 3.54 33 eP Sn 23 44 25.8 +2.4
PMRV Marv??o 3.54 33 eS Sn 23 45 06.8

EJIF Jimena 3.58 89 P Pn 23 44 27.3 +3.5
EJIF Jimena 3.58 89 S Sn 23 45 06.7 +1.9

RSA Sarsar 3.69 115 P Pn 23 44 27.5 +2.1
CEU Ceuta 3.71 98 P Sn 23 45 05.7 -2.4

CEU Ceuta 3.71 98 eP Sn 23 44 28.6 +3.0
CEU Ceuta 3.71 98 eS Sn 23 45 07.5 -2.4

PCAS Casmiolo, Conde 3.73 17 P Sn 23 44 28.0 +2.1
PCAS Casmiolo, Conde 3.73 17 eP Sn 23 45 08.3 -0.2

PCAS Casmiolo, Conde 3.73 17 eS Sn 23 44 28.0 +2.1
PCAS Casmiolo, Conde 3.73 17 A Sn 23 45 10.2

SMIR Smir Dam 3.75 101 P Pn 23 44 28.8 +2.6
AVE Averoos 3.79 147 P Pn 23 44 28.1 +1.4

AVE Averoos 3.79 147 eP Sn 23 44 28.3 +1.6
AVE Averoos 3.79 147 eS Sn 23 45 08.3 -1.7

PCBR Castelo Branco 3.85 29 P Pn 23 44 30.1 +2.5
PCBR Castelo Branco 3.85 29 eP Sn 23 45 11.9 +0.2

PCBR Castelo Branco 3.85 29 eS Sn 23 44 30.1 +2.5
PCBR Castelo Branco 3.85 29 A Sn 23 45 14.0

COI Coimbra 3.90 17 P Sn 23 44 30.7 +2.6
COI Coimbra 3.90 17 eP Sn 23 45 12.4 -0.2

COI Coimbra 3.90 17 eS Sn 23 44 30.7 +2.6
COI Coimbra 3.90 17 A Sn 23 45 15.8

EI Cabril 3.91 65 P Pn 23 44 30.8 +2.4
EI Cabril 3.91 65 S Sn 23 45 13.4 +0.1

HORN Hornachoules 3.95 69 P Pn 23 44 31.4 +2.5
CHEFC Chefchaouen 3.96 109 P Pn 23 44 31.5 +2.3

ZHG ZHG 4.05 138 P Pn 23 44 35.5 +2.4
MTE Manteigas 4.32 25 S Sn 23 45 23.3 0.0

MTE Manteigas 4.32 25 eP Sn 23 44 36.5 +2.4
MTE Manteigas 4.32 25 A Sn 23 45 26.1

SRHM Skhour des Ohs 4.34 157 P Pn 23 44 34.9 +0.6
EMAL Malaga-Limoner 4.41 85 P Sn 23 44 38.8 +3.5

EMAL Malaga-Limoner 4.41 85 eP Sn 23 45 26.6 +1.2
EMAL Malaga-Limoner 4.41 85 eS Sn 23 45 26.6 +1.2

PVISE Viseu 4.50 20 P Sn 23 44 38.5 -1.4
PVISE Viseu 4.50 20 eP Sn 23 44 38.5 +1.9

PVISE Viseu 4.50 20 eS Sn 23 45 26.4 -1.4
PVISE Viseu 4.50 20 A Sn 23 45 30.0

EADA Adamuz 4.57 67 P Pn 23 44 40.1 +2.6
EADA Adamuz 4.57 67 S Sn 23 45 28.1 -1.1

EPLA Plasencia 4.67 39 P Pn 23 44 40.8 +1.9
EPLA Plasencia 4.67 39 S Sn 23 45 31.5 -0.3

EGOR Sierra Gorda, 4.69 81 P Pn 23 44 42.8 +3.5
EGOR Sierra Gorda, 4.69 81 S Sn 23 45 34.1 +1.6

PTO Porto 4.75 12 P Pn 23 44 41.8 +1.9
PTO Porto 4.75 12 eP Sn 23 44 41.8 +1.9

IFR Ifrane 4.92 126 eP Sn 23 44 43.4 +1.0
IFR Ifrane 4.92 126 P Sn 23 44 34.8 +3.9

PALE Palemias 5.01 103 P Sn 23 44 45.8 +2.3
ELGU Los Guajares, 5.06 84 P Pn 23 44 47.0 +2.8

ELGU Los Guajares, 5.06 84 S Sn 23 45 42.5 +0.9
PVRL Vila Real 5.08 19 P Sn 23 44 46.4 +2.0

PVRL Vila Real 5.08 19 eP Sn 23 45 39.5 -2.3
PVRL Vila Real 5.08 19 eS Sn 23 44 46.4 +2.0

| | | | | | | | |
|-------|----------------|-------|-----|-----|----|------------|------|
| PBRG | Braganca | 5.85 | 24 | eP | Pn | 23 44 56.9 | +1.8 |
| PBRG | | | | eS | Sn | 23 45 59.3 | -1.6 |
| PBRG | | | | A | A | 23 46 02.9 | |
| ECAL | Calabor | 5.97 | 23 | P | Pn | 23 44 58.6 | +1.8 |
| ECAL | | | | S | Sn | 23 46 02.9 | -1.1 |
| SESP | Santiago Espad | 6.09 | 72 | P | Pn | 23 45 00.8 | +2.4 |
| SESP | | | | S | Sn | 23 46 06.9 | -0.1 |
| SESP | Santiago Espad | 6.09 | 72 | P | Pn | 23 45 00.4 | +1.9 |
| GUD | Guadarrama | 6.12 | 46 | P | Pn | 23 45 01.3 | +2.4 |
| GUD | | | | S | Sn | 23 46 06.5 | -1.3 |
| PMPST | Porto Santo, M | 6.29 | 239 | eP | Pn | 23 45 00.9 | -0.1 |
| PMPST | | | | eS | Sn | 23 46 02.6 | -9.0 |
| PMPST | | | | A | A | 23 46 11.6 | |
| GOLM | Goulimima | 6.30 | 138 | P | Pn | 23 45 02.8 | +1.5 |
| PMPS | Porto Santo | 6.30 | 239 | S | Sn | 23 46 02.6 | -9.3 |
| PMPS | | | | eP | Pn | 23 45 01.1 | -0.1 |
| PMPS | | | | eS | Sn | 23 46 01.1 | -1.1 |
| JBK | JBK | 6.37 | 108 | P | Pn | 23 45 02.2 | 0.1 |
| EAGO | Agolada(Pontev | 6.46 | 12 | P | Pn | 23 45 04.8 | +1.4 |
| EAGO | | | | S | Sn | 23 46 12.1 | -3.8 |
| UCM | Universidad Co | 6.47 | 52 | P | Pn | 23 45 06.6 | +3.0 |
| UCM | | | | S | Sn | 23 46 15.3 | -1.0 |
| UCM | Universidad Co | 6.47 | 52 | eP | Pn | 23 45 06.6 | +3.0 |
| UCM | | | | eS | Sn | 23 46 15.3 | -1.0 |
| EMAZ | Mazaricos | 6.49 | 6 | P | Pn | 23 45 04.6 | +0.8 |
| EMAZ | | | | S | Sn | 23 46 12.0 | -4.6 |
| TZRR | Tazarine | 6.74 | 146 | P | Pn | 23 45 09.4 | +2.0 |
| PMAR | Madeira | 6.89 | 239 | P | Pn | 23 45 08.4 | -1.1 |
| PMAR | | | | S | Sn | 23 46 16.5 | -10 |
| PMAR | Madeira | 6.89 | 239 | P | Pn | 23 45 07.2 | -2.3 |
| PMAR | Madeira | 6.89 | 239 | eP | Pn | 23 45 08.4 | -1.1 |
| PMAR | | | | eS | Sn | 23 46 16.5 | -10 |
| PMAR | | | | A | A | 23 46 22.4 | |
| ETOB | Tobarra | 6.98 | 70 | P | Pn | 23 45 12.0 | +1.4 |
| ETOB | | | | S | Sn | 23 46 27.0 | -1.7 |
| PMOZ | Porto Moniz, M | 7.03 | 241 | eP | Pn | 23 45 11.4 | 0.0 |
| PMOZ | | | | eS | Sn | 23 46 21.2 | -8.9 |
| EMUR | La Murta | 7.05 | 76 | P | Pn | 23 45 13.5 | +1.9 |
| EMUR | | | | S | Sn | 23 46 29.6 | -0.9 |
| EPON | Pontenova | 7.15 | 16 | P | Pn | 23 45 14.4 | +1.5 |
| EPON | | | | S | Sn | 23 46 30.6 | -2.3 |
| ZGR | Zagora | 7.29 | 149 | P | Pn | 23 45 15.7 | +0.7 |
| ETOR | Torete | 7.51 | 52 | P | Pn | 23 45 20.4 | +2.5 |
| ETOR | | | | S | Sn | 23 46 38.5 | -3.3 |
| EARI | Arriondas | 7.70 | 26 | P | Pn | 23 45 21.8 | +1.3 |
| EARI | | | | S | Sn | 23 46 43.8 | -2.7 |
| ECHE | Chera | 7.70 | 64 | P | Pn | 23 45 23.3 | +2.8 |
| ECHE | | | | S | Sn | 23 46 43.9 | -2.6 |
| AFON | Font Roja | 7.75 | 71 | P | Pn | 23 45 22.4 | +1.2 |
| AFON | | | | S | Sn | 23 46 46.2 | -1.5 |
| EBEN2 | Beniarda presa | 8.02 | 71 | P | Pn | 23 45 26.4 | +1.6 |
| EBEN2 | | | | S | Sn | 23 46 52.6 | -1.7 |
| EMOS | Mosqueruela | 8.35 | 60 | P | Pn | 23 45 32.8 | +3.2 |
| EMOS | | | | S | Sn | 23 47 00.0 | -2.7 |
| FIGM | Figui | 8.37 | 119 | P | Pn | 23 45 31.3 | +1.6 |
| ELAN | Lanesosa | 8.37 | 34 | P | Pn | 23 45 32.0 | +2.4 |
| ELAN | | | | S | Sn | 23 46 59.3 | -3.6 |
| CFUE | Fuerteventura | 8.53 | 205 | S | Sn | 23 46 59.9 | -6.8 |
| ERTA | Horta de San J | 9.16 | 58 | P | Pn | 23 45 43.8 | +3.4 |
| ERTA | | | | S | Sn | 23 47 20.2 | -2.1 |
| EALK | Alkurruntz | 9.32 | 41 | P | Pn | 23 45 45.1 | +2.5 |
| EALK | | | | S | Sn | 23 47 22.5 | -3.7 |
| SJPF | Ste Jean | 9.40 | 43 | P | Pn | 23 45 45.8 | +2.1 |
| SJPF | | | | S | Sn | 23 47 24.2 | -3.9 |
| SJPF | Ste Jean | 9.40 | 43 | ePn | Pn | 23 45 45.8 | +2.1 |
| SJPF | | | | eSn | Sn | 23 47 24.2 | -3.9 |
| SJPF | Ste Jean | 9.40 | 43 | ePn | Pn | 23 45 45.8 | +2.1 |
| SJPF | | | | eSn | Sn | 23 47 24.2 | -3.9 |
| ETSF | Etsaut | 9.63 | 46 | P | Pn | 23 45 49.1 | +2.1 |
| ETSF | | | | S | Sn | 23 47 29.9 | -4.0 |
| ETSF | Etsaut | 9.63 | 46 | ePn | Pn | 23 45 49.1 | +2.1 |
| ETSF | | | | eSn | Sn | 23 47 29.9 | -4.0 |
| ETSF | Etsaut | 9.63 | 46 | ePn | Pn | 23 45 49.1 | +2.1 |
| ETSF | | | | eSn | Sn | 23 47 29.9 | -4.0 |
| ATE | Arette | 9.67 | 44 | P | Pn | 23 45 49.8 | +2.3 |
| ATE | | | | S | Sn | 23 47 30.7 | -4.1 |
| CGUI | Guimar, Teneri | 9.84 | 216 | S | Sn | 23 47 29.4 | -10 |
| EPOB | Poblet | 9.84 | 57 | P | Pn | 23 45 52.4 | +2.6 |
| EPOB | | | | S | Sn | 23 47 34.6 | -4.5 |
| ECHI | Chisagues Biel | 9.94 | 49 | P | Pn | 23 45 53.1 | +1.9 |
| ECHI | | | | S | Sn | 23 47 37.2 | -4.4 |
| EPF | Esparrros | 10.24 | 47 | P | Pn | 23 45 57.8 | +2.6 |
| EPF | | | | S | Sn | 23 47 45.2 | -3.5 |
| EPF | Esparrros | 10.24 | 47 | ePn | Pn | 23 45 57.8 | +2.6 |
| EPF | | | | eSn | Sn | 23 47 45.2 | -3.5 |
| EPF | Esparrros | 10.24 | 47 | ePn | Pn | 23 45 57.8 | +2.6 |
| EPF | | | | eSn | Sn | 23 47 45.2 | -3.5 |
| RJF | Les Rejaudoux | 12.33 | 41 | P | Pn | 23 46 25.6 | +1.8 |
| RJF | | | | S | Sn | 23 48 34.3 | -5.5 |
| RJF | Les Rejaudoux | 12.33 | 41 | ePn | Pn | 23 46 25.6 | +1.8 |
| RJF | | | | eSn | Sn | 23 48 34.3 | -5.5 |
| RJF | Les Rejaudoux | 12.33 | 41 | ePn | Pn | 23 46 25.6 | +1.8 |
| RJF | | | | eSn | Sn | 23 48 34.3 | -5.5 |
| CAF | Calviac | 12.38 | 43 | P | Pn | 23 46 25.6 | +1.1 |
| CAF | | | | S | Sn | 23 48 35.6 | -5.5 |
| CAF | Calviac | 12.38 | 43 | ePn | Pn | 23 46 25.6 | +1.1 |
| CAF | | | | eSn | Sn | 23 48 35.6 | -5.5 |
| CAF | Calviac | 12.38 | 43 | ePn | Pn | 23 46 25.6 | +1.1 |
| CAF | | | | eSn | Sn | 23 48 35.6 | -5.5 |
| QUIF | Quistinic | 12.46 | 21 | P | Pn | 23 46 26.8 | +1.3 |
| QUIF | | | | S | Sn | 23 48 36.6 | -6.3 |

| | | | | | | | |
|------|----------------|-------|----|-----|----|------------|------|
| QUIF | Quistinic | 12.46 | 21 | ePn | Pn | 23 46 26.8 | +1.3 |
| QUIF | | | | eSn | Sn | 23 48 36.6 | -6.3 |
| QUIF | Quistinic | 12.46 | 21 | ePn | Pn | 23 46 26.8 | +1.3 |
| QUIF | | | | eSn | Sn | 23 48 36.6 | -6.3 |
| MFF | Saint Martin d | 12.46 | 33 | P | Pn | 23 46 26.8 | +1.2 |
| MFF | | | | S | Sn | 23 48 37.1 | -5.9 |
| MFF | Saint Martin d | 12.46 | 33 | ePn | Pn | 23 46 26.8 | +1.2 |
| MFF | | | | eSn | Sn | 23 48 37.1 | -5.9 |
| MFF | Saint Martin d | 12.46 | 33 | ePn | Pn | 23 46 26.8 | +1.2 |
| MFF | | | | eSn | Sn | 23 48 37.1 | -5.9 |
| ROSF | Rostrenen | 12.81 | 20 | P | Pn | 23 46 31.1 | +0.8 |
| ROSF | | | | S | Sn | 23 48 45.1 | -6.4 |
| ROSF | Rostrenen | 12.81 | 20 | ePn | Pn | 23 46 31.1 | +0.8 |
| ROSF | | | | eSn | Sn | 23 48 45.1 | -6.4 |
| ROSF | Rostrenen | 12.81 | 20 | ePn | Pn | 23 46 31.1 | +0.8 |
| ROSF | | | | eSn | Sn | 23 48 45.1 | -6.4 |
| TCF | Toulx Ste Croi | 13.35 | 39 | P | Pn | 23 46 38.3 | +0.6 |
| TCF | | | | S | Sn | 23 48 58.5 | -6.3 |
| TCF | Toulx Ste Croi | 13.35 | 39 | ePn | Pn | 23 46 38.3 | +0.6 |
| TCF | | | | eSn | Sn | 23 48 58.5 | -6.3 |
| TCF | Toulx Ste Croi | 13.35 | 39 | ePn | Pn | 23 46 38.3 | +0.6 |
| TCF | | | | eSn | Sn | 23 48 58.5 | -6.3 |
| SSF | Saint Saugle | 14.53 | 39 | P | Pn | 23 46 55.2 | +1.4 |
| SSF | | | | ePn | Pn | 23 46 55.2 | +1.4 |
| SSF | Saint Saugle | 14.53 | 39 | ePn | Pn | 23 46 55.2 | +1.4 |
| SSF | | | | ePn | Pn | 23 46 55.2 | +1.4 |

IDC 31 23:47:55.3:1.3, 34:12N:25.02E, h0km, mb3.7/5, mb1 3.6/9, mb1mx3.3/59, mbtmp3.5/9, ML3.6/4, Error ellipse: s-maj=25.0km s-min=14.0km az=75.0

ATH 31 23:47:58.4, 34:28N:25.03E, h27km, 3km, ML3.1/1, Error ellipse: s-maj=5.2km s-min=2.1km az=344.0

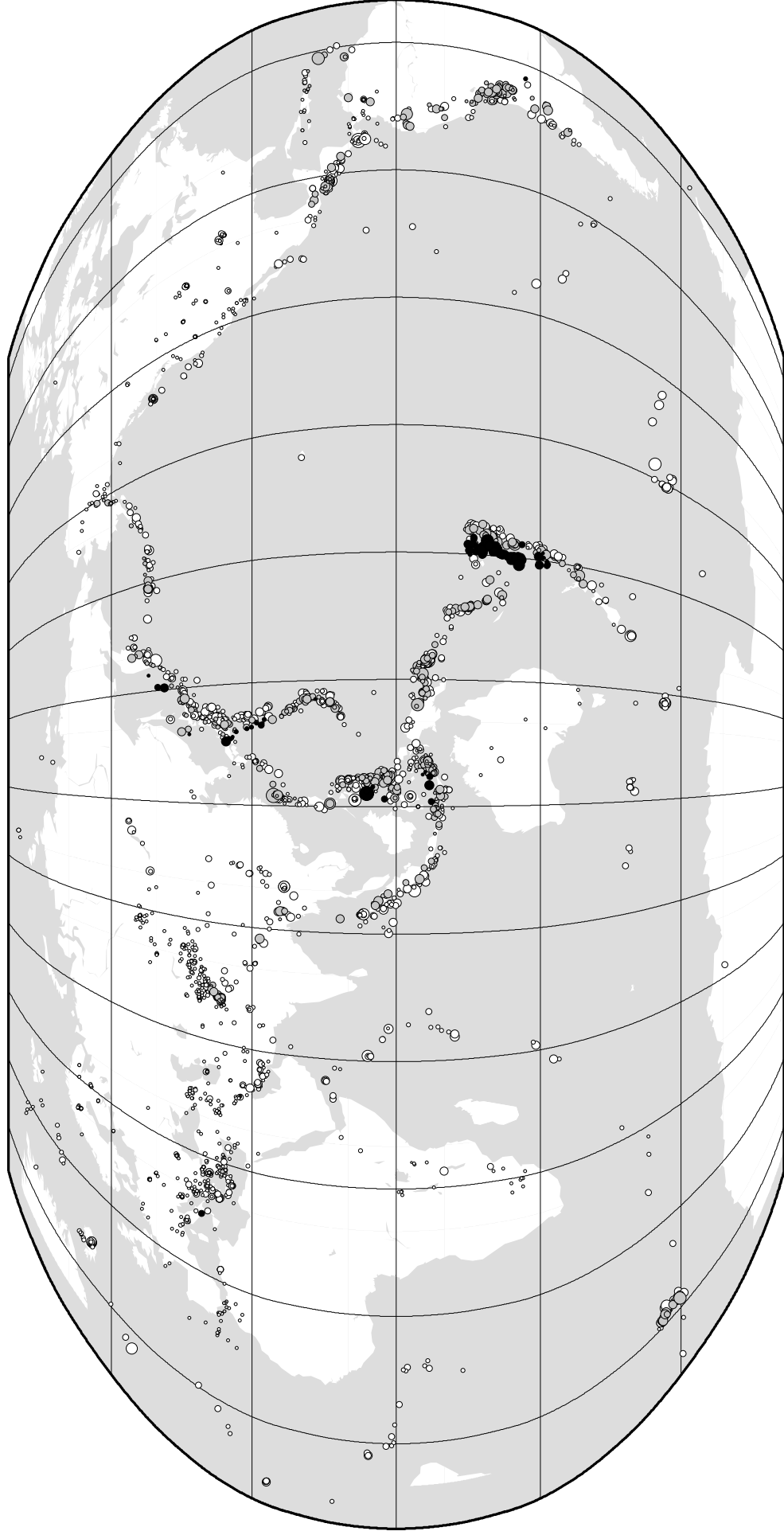
ISC 31 23:47:57.1:0.8, 34:16N:0.06:25.09E:0.05, h20km, n26, s190/32, mb3.7/7, Crete

| Code | Station Name | Δ° AZ° | Phase ID | Op | ISC | Time | Res |
|-------|--------------------------------------------|--------|----------|--------------------------------------------|-----|------------|------|
| | | | | | | h m s | ISC |
| SIVA | Sivas | 0.88 | 345 | P | Pb | 23 48 13.6 | -0.1 |
| SIVA | | | | S | Sb | 23 48 24.8 | -0.2 |
| SIVA | | | | AML | AML | 23 48 33.9 | |
| SIVA | comp=E_3541μm,0.6s | | | AML | AML | 23 48 34.9 | |
| SIVA | comp=N_2249μm,0.7s | | | P | Pb | 23 48 13.6 | -0.1 |
| SIVA | | | | S | Sb | 23 48 24.8 | -0.2 |
| SIVA | | | | AML | AML | 23 48 33.9 | |
| SIVA | comp=E_3541μm,0.6s | | | AML | AML | 23 48 34.9 | |
| SIVA | comp=N_2249μm,0.7s | | | P | Pn | 23 48 16.8 | +0.1 |
| LAST | Lasithi | 1.05 | 18 | P | Pn | 23 48 16.8 | +0.1 |
| LAST | | | | P | Pn | 23 48 16.9 | 0.0 |
| GVD | Gavdhos | 1.07 | 309 | P | Pn | 23 48 16.9 | 0.0 |
| GVD | | | | P | Pn | 23 48 16.9 | 0.0 |
| IDI | Anoyia | 1.13 | 352 | Pg | Pb | 23 48 17.8 | -0.2 |
| IDI | | | | Lg | Lg | 23 48 33.5 | |
| IDI | Anoyia | 1.13 | 352 | P | Pn | 23 48 17.6 | -0.2 |
| IDI | | | | P | Pn | 23 48 31.9 | -1.0 |
| IDI | Anoyia | 1.13 | 352 | P | Pn | 23 48 31.9 | -1.0 |
| IDI | | | | S | Sn | 23 48 19.6 | +0.9 |
| NPS | Neapolis | 1.18 | 21 | P | Pb | 23 48 19.6 | +0.9 |
| NPS | | | | P | Pb | 23 48 22.3 | +1.0 |
| ZKR | Zakros | 1.33 | 44 | P | Pb | 23 48 22.3 | +1.0 |
| ZKR | | | | P | Pb | 23 48 23.0 | -0.2 |
| VAM | Vamos | 1.44 | 330 | P | Pb | 23 48 23.0 | -0.2 |
| VAM | | | | P | Pb | 23 50 02.6 | +1.1 |
| MMAI | Mount Meron Ar | 8.68 | 95 | Pn | Pn | 23 51 33.3 | -5.6 |
| MMAI | | | | Sn | Sn | 23 50 14.7 | +1.9 |
| MMAI | comp=N_0.5nm,0.3s,baz=279,slow=10,SNR=2.1 | | | Sn | Sn | 23 51 53.0 | -6.0 |
| EIL | Eilat | 9.50 | 115 | Pn | Pn | 23 51 53.0 | -6.0 |
| EIL | | | | Sn | Sn | 23 51 52.1 | +1.1 |
| EIL | comp=N_0.2nm,0.3s,baz=288,slow=3.2,SNR=2.0 | | | Sn | Sn | 23 51 55.6 | +0.8 |
| AKASG | Malin Array Be | 16.80 | 9 | Pn | Pn | 23 53 38.9 | -1.1 |
| GERES | GERESS Array B | 16.94 | 333 | Pn | P | 23 53 46.1 | -3.3 |
| FINES | FINESS Array B | 27.30 | 1 | P | P | 23 54 03.5 | +0.7 |
| NOA | NORSAR Array B | 28.35 | 346 | P | P | 23 55 46.8 | +1.7 |
| TORD | Torodi Ar. Bea | 29.81 | 231 | P | P | 23 56 08.3 | +2.3 |
| KURBB | Kurchatov Arra | 41.80 | 50 | P | P | 23 56 17.9 | +1.1 |
| MKAR | Makanchi Array | 44.38 | 56 | P | P | 23 58 05.3 | +1.9 |
| ZALV | Zalesovo Beam | 45.74 | 45 | P | P | 23 58 05.3 | +1.9 |
| SOMM | Songino Array | 67.16 | 50 | P | P | 23 58 05.3 | +1.9 |
| SOMM | | | | comp=N_0.5nm,0.7s,baz=296,slow=7.9,SNR=3.5 | | | |

IDC 31 23:50:27.8:2.7, 6.73S:129.88E, h140km, 39km, mb3.0/1, mb1 3.1/5, mb1mx2.8/43, mbtmp3.5/5, MS3.2/1, Ms1 3.4/1, ms1mx2.5/14, Error ellipse: s-maj=71.2km s-min=21.1km az=90.0, Banda Sea

| Code | Station Name | Δ° AZ° | Phase ID | Op | ISC | Time | Res |
|------|----------------|--------|----------|----|-----|------------|------|
| | | | | | | h m s | ISC |
| SJUI | Sorong | 5.98 | 13 | P | Pn | 23 51 54.5 | +0.2 |
| SJUI | | | | S | Sn | 23 52 56.3 | -5.5 |
| FITZ | Fitzroy Crossi | 12.03 | 200 | P | Pn | 23 53 14.5 | -0.4 |
| FITZ | | | | S | Sn | 23 55 18.9 | -8.8 |
| WRA | Warramunga Arr | 13.83 | 162 | P | Pn | 23 53 36.6 | -1.6 |
| WRA | | | | S | Sn | 23 56 01.8 | -9.4 |
| ASAR | Alice Springs | 17.28 | 167 | P | Pn | 23 54 21.6 | +0.8 |
| ASAR | | | | S | S | 23 57 28.5 | -4.6 |
| CMAR | | | | | | | |

ISC Computed Locations for December 2014



Robinson Projection, centred on 0°N, 130°E

