

## ACKNOWLEDGEMENTS

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Kinematics, Pasadena, U.S.A.

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

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## Addendum I

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

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

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

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

The following example illustrates the changes :-

### September 2002

```

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

```

### Epical 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.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 01 00:15:58.4, 1.4, 5.56S, 147.07E, h0km, mb3.7/3, etc.

REY 01 00:20:28.3, 63.71N, 23.25W, h8km, ML3.6, ML2.9
CSEM 01 00:20:29.6, 0.4, 0.3, 63.76N, 22.93W, h2km, ML2.9, Error ellipse: s-maj=9.9km s-min=6.5km az=116.0

ISC 01 00:30:0.2, 0.6374N, 0.066224W, 0.08, h1km, 10km, n50, c141/59, mb3.9/4, Iceland region

Main table listing stations in the Iceland region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INYL Nylenda, INVG Grindav??k, etc.

PRE 01 00:27:04.0, 8.378S, 34.85E, h10km, ML4.1, Lake Victoria region

Table listing stations in the Lake Victoria region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DODT Dodoma, Tanzania, etc.

MEX 01 00:31:10.3, 0.5, 15.83N, 97.15W, h16km, 5km, MD3.7, Near coast of Oaxaca

Table listing stations in the Oaxaca region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PANG Puerto Angel, etc.

WEL 01 00:36:21.4, 1.0, 37.03S, 176.80E, h221km, 7km, ML3.5/13, Error ellipse: s-maj=10.1km s-min=8.8km az=0.0, North Island

Table listing stations in the North Island region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BFZ Birch Farm, MRZ Mangatoinaka R, etc.

ISCJB 01 00:49:00.3, 0.8, 10.16N, 0.0360W, 0.06, h8km, 6km, Error ellipse: s-maj=9.7km s-min=4.9km az=19.8

FUNV 01 00:49:01.2, 10.11N, 60.31W, h35km, MW3.5 TRN 01 00:49:04.0, 10.48N, 60.45W, h16km, MD4.0

ISC 01 00:48:59.8, 1.6, 10.10N, 0.0460W, 0.07, h7km, 14km, n27, c1955/40, 3D, Trinidad

Main table listing stations in the Trinidad region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TBH Brigand Hill, TPP Pointe-a-Pierr, etc.

REY 01 00:55:51.3, 63.69N, 23.26W, h14km, ML3.1, ML3.6 CSEM 01 00:55:52.4, 0.5, 63.87N, 23.06W, h2km, ML3.6, Error ellipse: s-maj=11.3km s-min=6.7km az=136.0

ISC 01 00:55:54.3, 1.7, 63.83N, 0.072288W, 0.07, h15km, 7km, n38, c134/46, mb4.4/3, Iceland region

Main table listing stations in the Iceland region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INYL Nylenda, INVG Grindav??k, etc.

IDC 01 01:03:16.8, 20.0, 6.63S, 126.55E, h659km, 362km, mb2.8/4, mb1 2.9/6, mb1mx2.7/20, mbtmp2.8/6, Error ellipse: s-maj=311.8km s-min=41.2km az=37.0, Banda Sea

Table listing stations in the Banda Sea region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

ISCJB 01 01:05:30.2, 0.7, 63.88N, 0.0323W, 0.06, h5km, 4km, mb4.1/54, MS3.8/19, Error ellipse: s-maj=5.7km

s-min=4.5km az=169.0 REY 01 01:05:30.2, 63.69N, 23.26W, h8km, ML4.0, ML3.9 CSEM 01 01:05:30.1, 0.2, 63.98N, 23.34W, h2km, mb4.3/37, MS3.3, Error ellipse: s-maj=8.4km s-min=4.7km az=177.0

NEIC 01 01:05:31.4, 0.3, 63.88N, 23.24W, h10km, mb4.5/44, Error ellipse: s-maj=11.9km s-min=5.6km az=27.0

IDC 01 01:05:32.0, 0.8, 63.59N, 23.24W, h0km, mb3.7/13, mb1 3.9/15, mb1mx3.8/33, mbtmp3.7/15, ML3.7/2, MS3.7/21, MS1 3.8/21, ms1mx3.6/43, Error ellipse: s-maj=22.8km s-min=16.9km az=19.0

ISC 01 01:05:32.4, 1.1, 63.83N, 0.052314W, 0.05, h15km, 6km, n205, c1982/189, mb4.2/54, MS3.8/19, Iceland region

Main table listing stations in the Iceland region with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like INYL Nylenda, INVG Grindav??k, etc.

CLL comp=Z, 35nm, 2.0s LmV 01 19 00.0

Table with columns: SMF, STU, RJF, BRG, BRH, etc. and rows of station data including Signal de Mont, Stuttgart, Les Rejaudoux, etc.

Table with columns: BR131, BRTR, KBZ, AKTO, ILAR, TAM, TAM, GNI, BVAR, BVAR, WVT, RSSD, RSSD, BOZ, BOZ, ZALV, KURK, KURK, KURB, BW06, BW06, PDAR, PDAR, WMOK, WMOK, TOAO, TOAO, MK31, MK31, IAKAR, IAKAR, AAK, AAK, ANMO, ANMO, JCT, JCT, NVAR, NVAR, TXAR, TXAR, OTAV, OTAV, KRSR, KRSR, SAML, SAML, CMAR, CMAR, etc. and rows of station data including Keskin Array B, Khabaz, Aktyubinsk, etc.

Table with columns: FINES, HFS, CMAR, etc. and rows of station data including FINES FINES Array B, HFS Hagfors, CMAR Chiang Mai Arr, etc.

ISC/JB 01 01:59:34.6:0.8.63:71N-03:23:27W:0:05, h1km,4km, mb4.3/71, MS3.9/44, Error ellipse: s-maj=4.8km s-min=4.1km az=10.0
IDC 01 01:59:36.2:0.7.63:68N-23:09W, h0km, mb3.8/11, mb1 4/1.14, mb1mx3.9/32, mbtmp 3/9/14, ML3.7/3, MS3.9/46, Ms1 3.9/46, ms1mx3.8/63, Error ellipse: s-maj=13.9km s-min=4.3km az=15.0
REY 01 01:59:36.3:63:68N-23:24W, h10km, ML4.0, ML3.9
CSEM 01 01:59:36.0:0.1.63:74N-23:21W, h2km, mb4.3/55, Ms3.5, Error ellipse: s-maj=4.9km s-min=3.5km az=165.0
NEIC 01 01:59:37.6:0.2.63:56N-23:43W, h10km, mb4.5/61, Error ellipse: s-maj=8.7km s-min=3.8km az=206.0
ISC 01 01:59:36.7:0.9.63:67N-05:23:19W:0.04, h5km,5km, n299, e1927/270, mb4.2/71, MS3.9/44, Iceland region
Code Station Name Az AZ2 Phase ID Time Res
INYL Nylenda 0.36 33 Op P ISC h m s ISC
IGRV Gridnav?7k 0.38 60 P Sg 01 59 43.0 -0.8
IVOG Vogar 0.46 50 P Sg 01 59 43.4 -0.6
IVOG Krysvik 0.54 67 P Sg 01 59 45.8 +0.1
IKRI Krysvik 0.54 67 P Sg 01 59 46.0 -1.0
IKRI Krysvik 0.54 67 P Sg 01 59 46.0 -1.0
IKRI Vogsosar 0.69 74 P Sg 01 59 54.0 0.0
IKAS Kald?7rzel 0.69 59 P Sg 01 59 48.5 -1.4
IKAS Kald?7rzel 0.69 59 P Sg 01 59 48.5 -1.4
IKAS Kald?7rzel 0.69 59 P Sg 01 59 48.5 -1.4
ISAN Sandseio 0.81 61 P Sg 01 59 50.6 -1.7
ISAN Sandseio 0.81 61 P Sg 01 59 50.6 -1.7
IKUD Kuldalsa 0.87 41 P Sg 01 59 51.2 -2.2
IKUD Kuldalsa 0.87 41 P Sg 01 59 51.2 -2.2
IBJA Bjarnastaioir 0.88 71 P Sg 02 00 02.9 -1.8
IBJA Bjarnastaioir 0.88 71 P Sg 02 00 02.9 -1.8
IKRO Krokur 1.01 64 P Sg 02 00 03.6 -1.4
IKRO Heliofarbar 1.01 58 P Sg 01 59 43.7 -2.4
IHEI Heliofarbar 1.01 58 P Sg 01 59 43.7 -2.4
ISOL Solholt 1.03 75 P Sg 02 00 07.2 -2.1
ISOL Solholt 1.03 75 P Sg 02 00 07.2 -2.1
ISAU Saurbar 1.27 74 P Sg 01 59 57.9 -3.2
ISAU Saurbar 1.27 74 P Sg 01 59 57.9 -3.2
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
BORG Borgarnes 1.35 36 P Sg 02 00 14.7 -2.8
IASB sbjarnarst 1.35 36 P Pn 01 59 58.8 -3.4
IASB sbjarnarst 1.35 36 P Pn 01 59 58.8 -3.4
IGYG Gygarholtskot 1.45 64 P Sg 02 00 01.1 -2.4
IHAU Haudakalur 1.46 77 P Sg 02 00 01.2 -2.5
SCO Scoresbysund 6.86 3 i/S Pn 02 01 17.2 -0.5
SCO Scoresbysund 6.86 3 i/S Pn 02 01 17.2 -0.5
JMJC Jan Mayen 9.24 31 LR Pn 02 04 40.6
SFDJ Kangerlussuaq 11.87 298 LR LR 02 06 25.6
EKA Eskdalemur Ar 13.11 120 Pn Pn 02 02 43.7 +0.4
EKA Eskdalemur Ar 13.11 120 Pn Pn 02 02 43.7 +0.4
EKA Eskdalemur Ar 13.11 120 Pn Pn 02 02 43.7 +0.4
NOA NORSTAR Array B 16.06 84 LR LR 02 09 22.4
OTAV Otavalo 75.17 238 EF P 01 17 12.1 -2.5
OTAV Otavalo 75.17 238 EF P 01 17 12.1 -2.5
KRSR Korea Array 76.47 23 LR LR 01 56 12.9
SAML Samuel 76.65 220 EP P 01 17 33.0 -0.6
SAML Samuel 76.65 220 EP P 01 17 33.0 -0.6
CMAR Chiang Mai Arr 86.64 54 P P 01 18 19.4 +4.1
CMAR Chiang Mai Arr 86.64 54 P P 01 18 19.4 +4.1
CMAR Chiang Mai Arr 86.64 54 P P 01 18 19.4 +4.1
IDC 01 01:06:41.5:1.72:52.51N-109:166:90W:0:06, h17km,14km, n46, e1932/43, mb4.0/11, Fox Islands
Code Station Name Az AZ2 Phase ID Time Res
OKFG Magazine Ridge 1.09 326 P Pn 01 07 01.9 -0.3
OKFG Magazine Ridge 1.09 326 P Pn 01 07 01.9 -0.3
OKTU Okmok Mt. Tuli 1.11 322 P Sg 01 07 02.4 -0.1
OKSP Okmok Steeple 1.12 312 P Pb 01 07 02.7 -0.0
OKSO Okmok South 1.14 319 P P 01 07 02.5 -0.4
OKSC Okmok Cone E 1.19 321 P Sg 01 07 18.4 +0.3
NIKH Nikolski High 1.27 292 S Sg 01 07 05.1 -0.5
NREP Makushin Rep't 1.30 4 P Pn 01 07 05.5 +0.3
MSOM Makushin Julie 1.31 359 P Pn 01 07 05.2 0.0
UNV Unalaska Valle 1.36 10 P Pn 01 07 05.1 -0.8
MSW Makushin Swite 1.41 3 P Sg 01 07 06.5 0.0
MSW Makushin Swite 1.41 3 P Sg 01 07 06.5 0.0
MCIR Makushin Cirqu 1.44 0 P Pn 01 07 04.7 +0.3
MTBL Makushin Table 1.47 5 P Pn 01 07 07.5 0.0
ZRO Akutan Zero 1.68 19 P Pn 01 07 10.2 -0.1
AKRB Akutan Reef Bi 1.70 17 P Pn 01 07 10.9 +0.4
AKRB Akutan Reef Bi 1.70 17 P Pn 01 07 10.9 +0.4
LVA Lava Point 1.73 17 S Pn 01 07 11.2 +0.1
AKUT Akutan 1.76 22 ePn Sn 01 07 11.4 0.0
AKUT Akutan 1.76 22 ePn Sn 01 07 11.4 0.0
AKGG Akutan Green G 1.77 18 P Pn 01 07 12.4 +0.8
SSLN Shishaldin Nor 2.88 36 P Pn 01 07 28.7 +1.9
SDPT Sand Point 4.74 51 P Sg 01 07 53.5 +1.2
ILAR Eielson Array 16.00 32 Pn Pn 01 10 22.7 -3.0
ILAR Eielson Array 16.00 32 Pn Pn 01 10 22.7 -3.0
PETK Petropavlovsk- 21.28 286 P Pn 01 11 29.1 +2.0
PETK Petropavlovsk- 21.28 286 P Pn 01 11 29.1 +2.0
INK Inuvik 22.41 32 P P 01 11 36.2 -2.7
INK Inuvik 22.41 32 P P 01 11 36.2 -2.7
H1N2 WAKE ISLAND Hy 38.55 222 T T 01 55 34.4
H1N3 WAKE ISLAND Hy 38.55 222 T T 01 55 31.5
H1N1 WAKE ISLAND Hy 38.55 222 T T 01 55 38.4
H1S1 WAKE ISLAND Hy 39.72 221 T T 01 57 06.5
H1S2 WAKE ISLAND Hy 39.73 221 T T 01 57 06.4
H1S3 WAKE ISLAND Hy 39.73 221 T T 01 56 59.1
TXAR Lajitas Array 51.24 91 P P 01 15 47.4 +3.0
TXAR Lajitas Array 51.24 91 P P 01 15 47.4 +3.0
ARCES ARCES Array B 57.93 355 P P 01 16 32.2 +0.9
ARCES ARCES Array B 57.93 355 P P 01 16 32.2 +0.9
KURB Kurchatov Arra 63.37 320 P P 01 17 09.3 +0.5
KURB Kurchatov Arra 63.37 320 P P 01 17 09.3 +0.5
JOF Joensuu 64.02 351 EP P 01 17 13.3 -0.4
MKAR Makanchi Array 64.79 315 P P 01 17 18.2 -0.8
MKAR Makanchi Array 64.79 315 P P 01 17 18.2 -0.8
KAF Kangasniemi 65.24 353 EP P 01 17 16.4 -5.3



NIED 01 02:28:0.0, 42.50N, 143.60E, h38km, Mw3.7 Best double
couple: M3.61000, 1014 NP1.30, 20.00000, 0.688, 00000,
1.70, 00000. NP2.30, 24.5, 00000, 0.829, 00000, 1.131, 00000.
ISCJBJ 01 02:28:27.0, 42.47N, 143.63E, h38km, Mw3.6, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

JMA 01 02:28:28.1, 42.49N, 143.57E, h56km, Mw3.6, M3.6
JMA Felt 1 J1
IDC 01 02:28:29.4, 42.47N, 143.83E, h78km, Mw3.6/4.8,
mb1 3.6/10, mb1mx3.3/2.7, mbtmp3.4/1.0, Error ellipse:
s-maj=33.1km s-min=22.9km az=135.0

SKHL 01 02:28:29.0, 42.50N, 143.60E, h49km, Mw3.6, mb6.1/1
ISC 01 02:28:27.0, 42.47N, 143.63E, h38km, Mw3.6, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

IDC 01 02:33:47.8, 1.0, 11.59S, 165.52E, h0km, mb4.0/8,
mb1 4.2/10, mb1mx4.0/20, mbtmp4.1/10, ML4.2, MS3.0/2,
Ms1 3.0/2, ms1mx2.8/2.4, Error ellipse: s-maj=29.5km
s-min=21.1km az=233.0

ISCJBJ 01 02:33:50.1, 1.1, 11.63S, 165.29E, 0.107, h24km,
mb4.2/14, Error ellipse: s-maj=10.2km s-min=7.4km
az=154.9

NEIC 01 02:33:53.0, 5.0, 11.56S, 165.35E, h35km, mb4.4/8, Error
ellipse: s-maj=14.2km s-min=11.7km az=135.0

ISC 01 02:33:52.1, 0.6, 11.56S, 165.35E, 0.109, h24km, n38,
e1530/39, mb4.2/14, Santa Cruz Islands

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

Table with columns: TMUT, Trail Mountain, 92.22, 50, eP, P. Lists station parameters for Trail Mountain.

Table with columns: MKAR, Makanchi Array, 93.62, 317, P, P. Lists station parameters for Makanchi Array.

IDC 01 02:37:59.7, 8.4, 32.17S, 179.89E, h400km, 102km,
mb2.3/2, mb1 2.7/3, mb1mx2.6/16, mbtmp2.5/3, Error
ellipse: s-maj=117.3km s-min=45.5km az=3.0, South of
Kermadec Islands

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

IDC 01 03:26:25.8, 1.4, 14.47S, 173.52W, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.6/18, mbtmp3.7/3, Error ellipse:
s-maj=186.5km s-min=23.7km az=161.0, Samoa Islands
region

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

ISCJBJ 01 03:34:55.0, 0.4, 50.27N, 181.89E, 0.03, h0km, Error
ellipse: s-maj=4.9km s-min=2.1km az=14.3

IDC 01 03:34:56.1, 3.7, 50.04N, 19.12E, h0km, mb1 3.7/2,
mb1mx3.3/2, mbtmp3.6/2, ML2.6/3, Error ellipse:
s-maj=65.1km s-min=10.2km az=135.0

CSEM 01 03:34:56.4, 0.2, 50.25N, 18.89E, h2km, ML3.0/5, Error
ellipse: s-maj=6.7km s-min=3.1km az=10.0

IPEC 01 03:34:56.3, 0.6, 50.30N, 18.94E, h0km, ML2.5/2,
Error ellipse: s-maj=6.0km s-min=3.5km az=154.0

PRU 01 03:34:57.5, 0.7, 50.18E, h0km, Error ellipse:
s-maj=6.0km s-min=3.5km az=154.0

VIE 01 03:34:59.6, 0.8, 49.71N, 18.91E, h0km, mb1.8/3, ML2.8/3,
Error ellipse: s-maj=4.3km s-min=3.7km az=105.0 49 km
ESE of Ostrava Suspected Mining induced.

ISC 01 03:34:53.0, 7.0, 50.19N, 18.93E, 0.02, h0km, n66,
e127/106, 11C-5D, Poland

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

MORC 73nm, 0.4s, Error ellipse: s-maj=35.29s +0.7

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

MORC 73nm, 0.4s, Error ellipse: s-maj=35.29s +0.7

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

MORC 73nm, 0.4s, Error ellipse: s-maj=35.29s +0.7

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

MORC 73nm, 0.4s, Error ellipse: s-maj=35.29s +0.7

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

Table with columns: KHC, Kasperske Hory, 3.63, 255, Pn, Pn. Lists station parameters for Kasperske Hory.

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

GERES 0.3nm, 0.3s, baz=72, slow=13, SNR=1.7, Error ellipse:
s-maj=10.2km s-min=5.2km az=141.0

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Bandar Lampung, Kota Agung, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IDC 01 05:02:58.3.1.1, 16:38Sx167:65E, h0km, mb4.0/8, mb1 4.2/9, mb1mx4.0/20, mbtmp4.0/9, ML3.9/1, Error ellipse: s-maj=31.9km s-min=24.8km az=113.0

ISCJB 01 05:02:59.8.1.1, 16:55Sx106:167:6E, 0.2, h20km, mb3.9/8, Error ellipse: s-maj=27.6km s-min=8.7km az=0.8

ISC 01 05:03:01.5.1.1, 16:49Sx108:167:7E, 0.2, h20km, n13, 11:11/16, mb3.8/3, Vanuatu Islands

DJA 01 05:21:32.9.0.9, 0.9S, 123E, 15km, M4.0/3, MLV.0/3, Minahasa Peninsula, Sulawesi

ISCJB 01 05:26:39.8.1.0, 67:58N, 0.4, 33:5E, 0.2, h0km, Error ellipse: s-maj=8.7km s-min=1.1km az=178.4

HEL 01 05:28:39.0.0.5, 67:70N, 33:91E, h0km, ML2.1, ML1.7, (UPP) Explosion

UPP 01 05:26:41.2.0.67:67N, 33:77E, h0km, ML2.1, 2, Suspected Mining explosion.

CSEM 01 05:26:42.7.0.67:64N, 33:35E, h2km, ML2.1, Error ellipse: s-maj=14.6km s-min=7.9km az=83.0, Mining explosion.

IDC 01 05:26:43.6.1.8, 67:70N, 33:55E, h0km, mb1 3.6/5, mb1mx3.2/29, mbtmp3.6/5, ML2.5/5, Error ellipse: s-maj=20.4km s-min=9.0km az=80.0

NAO 01 05:26:44.6.1.7, 67:67N, 33:18E, ML2.4, ISC 01 05:26:40.1.1.6, 67:66N, 0:44:33, 85E, 0.09, h0km, n49, 1:52/7/3, Baltic States - Belarus - Northwestern Russia

AUST 01 04:59:13.8.4:50Sx125:51E, h100km, mb4.0/4, mb1 4.1/7, mb1mx3.9/19, mbtmp3.9/7, ML3.9/3, MS2.9/1, Ms1 2.9/1, ms1mx2.6/9, Error ellipse: s-maj=75.7km s-min=18.8km az=64.0

ISCJB 01 05:00:07.2.0.8, 9:02S, 0:07:126:6E, 0.1, h33km, mb3.9/4, Error ellipse: s-maj=17.3km s-min=9.4km az=162.5

ISC 01 05:00:09.8.1.0, 8:91S, 0.09, 126:8E, 0.1, h35km, n12, 2:02/13, mb4.0/4, Timor region

2009 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like LANU Lannavaara, KALU Kalix, ERU Ertsjaerv, etc.

NEIC 01 05:42:42.0, 14:20S:75:72W, h61km, MG4.3(ARE), After ARE.

NEIC Felt [I] at Ica.
ISCJB 01 05:42:45.5, 0.7, 14:26S:0:06:75:58W, 0:07, h66km, mb3.8/5, Error ellipse: s-maj=11.2km s-min=6.2km az=147.3

IDC 01 05:42:45.3, 1.1, 14:27S:75:72W, h44km, 29km, mb3.7/5, mb1.3/8, mb1mx3.6/21, mbmtp3.6/8, ML3.1/3, MS3.3/1, Ms1.3/3, ms1mx2.6/22, Error ellipse: s-maj=34.5km s-min=18.5km az=35.3

ISC 01 05:42:47.2, 0.7, 14:22S:0:08:75:58W, 0:09, h66km, n21, r1566/19, mb3.7/5, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like ARE Arequipa, LPAZ La Paz, ATAH Atahuaco, etc.

MEX 01 06:23:32.0, 0.4, 15:38N:94:19W, h58km, 20km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like PCIG Comitán, TGIG Tigi, HUIG Huatulo, etc.

AUST 01 06:48:49.5, 7:02S:129:70E, h20km

IDC 01 06:48:37.7, 2.3, 6:52S:130:14E, h0km, mb3.7/1, mb1.3/3, mb1mx3.4/18, mbmtp3.4/3, ML3.4/2, Error ellipse: s-maj=140.9km s-min=31.7km az=70.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like MTN Mantón Dam, KDU Kakadu, KNRA Kunurra, etc.

ASAR 0.1nm, 0.3s, baz=340, slow=8.8, SNR=4.9

MKAR Makanchi Array 67.90 327 P
0.1nm, 0.3s, baz=343, slow=25, SNR=4.3
0.4nm, 0.4s, baz=116, slow=7.8, SNR=7.2

DJA 01 06:58:21.8, 0.6, 0'S:3:12'5"E, h10km, M4.0/5, MLV4.0/5, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like CIBINONG, LUWUK, MARISA, AMPANA, NAMLEA.

MDD 01 07:03:36.1, 1.5, 42:65N:10:95W, h41km, 98km, mb3.5/13, Error ellipse: s-maj=19.2km s-min=8.8km az=126.0, PRXIMO

CSEM 01 07:03:37.4, 0.4, 42:45N:10:53W, h10km, ML2.6/5, Error ellipse: s-maj=7.0km s-min=4.5km az=116.0

INMG 01 07:03:37.8, 1.2, 42:73N:11:06W, h10km, ML2.1, Error ellipse: s-maj=5.9km s-min=3.5km az=108.0

ISC 01 07:03:33.3, 2.0, 42:57N:10:06:1077W, 0:10, h10km, n88, r1564/147, 1C, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like STS Santiago, STS Santigo, STS, PGAV Gavieira, Arco, ELOB Lobios, etc.

PMRV Marv??o 4.05 140 ePn Pn
2.1nm, 0.7s
0.1nm, 0.3s, baz=343, slow=25, SNR=4.3

PMRV Marv??o 4.05 140 P
5.9nm, 0.8s

PACT Alcohete 4.07 158 ePn Pn
PACT Alcohete 4.07 158 ePn Pn
EARI Arriondas 4.15 78 P S

EARI Arriondas 4.15 78 P Pn
0.4nm, 0.2s, SNR=7.9

EPLA Plancia 4.33 124 P Pn
1.0nm, 0.1s, SNR=6.9

EPLA Plancia 4.33 124 P Pn
1.5nm, 0.1s, SNR=7.9

PESTR Estremoz 4.42 146 ePn Pn
1.4nm, 0.8s

PESTR Estremoz 4.42 146 P S
1.4nm, 0.8s

PESTR Estremoz 4.42 146 P Pn
1.4nm, 0.8s

EVO Evora 4.55 152 ePn Pn
4.5nm, 0.9s

EVO Evora 4.55 152 P S
4.5nm, 0.9s

EVO Evora 4.55 152 P S
4.5nm, 0.9s

EBAD Badajoz 4.76 142 P Pn
4.2nm, 0.1s, SNR=7.3

EBAD Badajoz 4.76 142 P S
0.9nm, 0.1s, SNR=7.9

EBAD Badajoz 4.76 142 P S
0.2nm, 0.1s, SNR=7.3

PNCL Nicolau / Gran 4.77 158 ePn Pn
0.9nm, 0.1s, SNR=7.9

PNCL Nicolau / Gran 4.77 158 ePn Pn
0.9nm, 0.1s, SNR=7.9

PBEJ Beja 5.05 153 ePn Pn
4.1nm, 0.1s

PBEJ Beja 5.05 153 P Pn
4.1nm, 0.1s

PBEJ Beja 5.05 153 P Pn
4.1nm, 0.1s

PBAR Barrancos 5.23 146 eS Pn
PBAD Barrancos 5.23 146 eS Pn

PBAR Barrancos 5.23 146 eS Pn
PBAD Barrancos 5.23 146 eS Pn

GUD Guadarrama 5.32 109 S Pn
0.2nm, 0.1s, SNR=7.9

PCVE Castro Verde 5.36 156 ePn Pn
1.8nm, 0.6s

MOS 01 07:17:13.8, 2.6, 40:65N:48:26E, h16km, mb3.9/4, Error ellipse: s-maj=16.4km s-min=7.0km az=102.6

IDC 01 07:17:14.1, 1.5, 40:95N:47:90E, h0km, mb3.5/4, mb1.3/6, mb1mx3.4/26, mbmtp3.6/7, ML3.7/2, Error ellipse: s-maj=40.0km s-min=12.6km az=152.0

CSEM 01 07:17:16.9, 0.3, 40:94N:47:90E, h10km, mb3.8/4, Error ellipse: s-maj=8.3km s-min=5.5km az=148.0

AZER 01 07:17:16.7, 0.0, 40:91N:47:88E, h18km, Error ellipse: s-maj=0.4km s-min=0.3km az=32.0

NSSP 01 07:17:16.6, 40:83N:47:80E, h17km, Ms3.8, Error ellipse: s-maj=19.0, 0.3, 40:89N:0:03:47:99E, 0:03, h45km, 4km, mb3.5/6, Error ellipse: s-maj=4.4km s-min=3.6km az=174.2

NCC 01 07:17:23.0, 3.9, 41:53N:48:52E, h0km, mb3.8, Error ellipse: s-maj=56.5km s-min=26.7km az=109.0

ISC 01 07:17:18.2, 0.9, 40:85N:0:02:47:89E, 0:02, h33km, n88, r1562/115, mb3.7/6, 20C-20D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like IML Ismayilli, KDMR Kurdemir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Pn, S, Sn, B. Includes stations like KDMR Kurdemir, PQL Pirkuli, etc.



Table with columns: SEKA, Sheki, SNR=354, 0.63 305 I P, Pn, 07 17 30.1 -0.9, etc. Lists various station codes and parameters.

Table with columns: KAF, Kangasniemi, 24.95 336 ep, P, 07 22 37.1 -1.0, etc. Lists various station codes and parameters.

Table with columns: XAN, comp=Z,3.0nm,0.8s, pmax, pmax, etc. Lists various station codes and parameters.

CSEM 01 07:20:34.0.3.67:82N-20:23E, h0km, MLO.8, Error ellipse: s-maj=8.1km s-min=6.3km az=155.0, Mining explosion.

HEL 01 07:20:35.0.0.1.67:88N-20:12E, h0km, ML.1.3, MLO.8(U/P), Explosion

UPP 01 07:20:34.3.67:89N-20:13E, h0km, MLO.8, Suspected Mining explosion., Sweden

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KUA Kurraavaara, NIKU Nikkaluokta, LANU Lannavaara, etc.

ISCJB 01 07:25:46.7-0.7, 24:21S:0:05:67.96W:0:07, h125km, 8km, mb3.9/5, Error ellipse: s-maj=10.5km s-min=6.3km az=10.0

GUC 01 07:25:47.0-0.6, 24:09S:68:38W, h178km, 31km, ML2 NEIC 01 07:25:47.7, 24:09S:68:38W, h178km, MG4.2(GUC), After GUC.

IDC 01 07:25:47.2-2.9, 24:22S:67:88W, h115km, 24km, mb3.8/6, mb1 3.9/10, mb1mx3.7/20, mbtmp3.8/10, MS3.0/1, Ms1 3.0/1, ms1mx2.2/32, Error ellipse: s-maj=26.4km s-min=16.9km az=59.0

ISC 01 07:25:47.4-0.9, 24:22S:0:06:67.94W:0:07, h119km, 9km, n43, r085/58, mb4.0/5, 1C-10D, Chile-Argentina border region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LVC Limon Verde, CEN1 Los Morros, ANCH Antofagasta, etc.

IDC 01 07:34:41.8-7.3, 20:73N:146:00E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/27, mbtmp3.6/4, Error ellipse: s-maj=227.7km s-min=30.4km az=75.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

CSEM 01 07:43:05.4, 63:71N:23:19W, h12km, ML3.0, After REY REY 01 07:43:05.4, 63:71N:23:19W, h12km, ML3.5, ML3.0, Iceland region

Main station list table for Iceland region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like INYL Nylenda, INGRV Grindav??k, etc.

ISCJB 01 07:56:08.5-0.5, 63:75N:0:03:23:04W:0:08, h10km, mb4.1/13, Error ellipse: s-maj=6.1km s-min=3.4km az=41.1

REY 01 07:56:08.9, 63:72N:23:12W, h12km, ML3.6, ML3.1 IDC 01 07:56:09.0, 1.4, 63:85N:23:05W, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/30, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=24.2km s-min=15.8km az=141.0

CSEM 01 07:56:10.0-0.4, 63:86N:22:93W, h15km, mb4.5/9, Error ellipse: s-maj=9.9km s-min=5.2km az=129.0

ISC 01 07:56:10.2-0.9, 63:78N:0:05:22:87W:0:05, h10km, n65, r123/80, mb4.3/13, Iceland region

Main station list table for Iceland region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like INGRV Grindav??k, INYL Nylenda, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LFF La Frestale, KHC Kasperke Hory, VIVF Saint-Julien-1, etc.

ISCJB 01 07:58:07.0-0.6, 63:73N:0:03:22:98W:0:07, h12km, 3km, mb4.0/31, MS3.8/18, Error ellipse: s-maj=5.7km s-min=4.0km az=42.1

CSEM 01 07:58:07.8-0.2, 63:71N:22:89W, h2km, mb4.3/16, MS3.5, Error ellipse: s-maj=5.8km s-min=3.9km az=120.0

REY 01 07:58:07.5, 63:73N:23:15W, h11km, ML4.0, ML3.7 IDC 01 07:58:08.0-0.6, 63:80N:22:92W, h0km, mb3.7/15, mb1 4.0/17, mb1mx3.9/34, mbtmp3.7/17, ML3.7/2, MS3.8/21, Ms1 3.8/21, ms1mx3.6/42, Error ellipse: s-maj=16.4km s-min=11.2km az=133.0

NEIC 01 07:58:09.7-0.4, 63:80N:22:97W, h10km, mb4.6/17, Error ellipse: s-maj=10.4km s-min=6.1km az=47.0

ISC 07:58:09.6-0.9, 63:77N:0:04:22:79W:0:04, h9km, 5km, n216, r124/213, mb4.1/31, MS3.8/18, Iceland region

Main station list table for Iceland region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like INGRV Grindav??k, INYL Nylenda, etc.



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Table with columns for station ID, name, coordinates, and status. Includes stations like O24A Longmont, PV01 Paradox Valley, O23A Lake Granby, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like GYA comp=Z,70m,7.8s, QIZ Giongzhong, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like UPC Upipe, KHC Kasperke Hory, LPL La Plagne, etc.



1d 8h

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like APE Apeiranthos, LIA Limnos Island, etc.

2009 NOV

Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like LMR La Moure, CONA Conrad Observa, etc.

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Table with columns: Station Name, Frequency, Power, and other parameters. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Residual, Elevation Residual, SNR Residual. Includes stations like Sonseca Array, La Foliiniere, Braganca, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Residual, Elevation Residual, SNR Residual. Includes stations like Umm Al-Ruwaisa, Al-Naaiem, Borovoye, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, Azimuth Rate, Elevation Rate, SNR Rate, Azimuth Residual, Elevation Residual, SNR Residual. Includes stations like DDI, DMN, KKN, etc.

Code Station Name Azimuth Elevation SNR Phase ID Time Res
PTH Pithoragarh 1.67 257 Op ISC h m s ISC
LGTI Lohaghat 1.67 253 eP Sg 08 51 04.1 +2.2
PYUN Piuthan 2.00 156 eP Sg 08 51 07.9 +0.4

ISC/JB 01 09:01:34.5:0.7, 63:74N:0.03:22:99W:0.07, h11km, 4km, mb3, 713, MS3.8, Error ellipse: s-maj=6.2km s-min=4.7km az=40.8

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Residual. Includes stations like PAGZ, IPIL, GUIM, etc.

1d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IGRV Grindavik, INVL Nylandi, VOGAR Vogar, etc.

MEX 01 10:24:14.1, 1.3, 3.5, 61N, 140.98E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/26, mbtmp3.6/6, ML4.4/1, Error

2009 NOV

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HONSHU Chosi, CHOUJ Chosi, JCY Nagara, etc.

GUC 01 11:43:34.0, 5.0, 32.84S, 71.86W, h12km, MD3.6, ML3.6, 5C-8D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PEL comp=E,6um,0.3s, JACH Jahuel, JACH Talagante, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOSPE Speyside, TOSPE Bacolet, BOT Bacolet, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, etc.

MEX 01 12:02:47.8, 1.1, 15.35N, 95.63W, h26km, 21km, MD3.9, Near coast of Oaxaca

AUST 01 12:58:58.6, 6.48S, 130.03E, h60km, DUA 01 12:13:00.1, 1.7, 6.3S, 143.10E, h130km, 23km, ML4.0/3, ISC 01 12:13:01.1, 0.7, 6.13S, 143.05E, h124km, mb3.6/4, Error ellipse: s-maj=10.6km s-min=6.6km az=12.1



Table with columns: TLE, Tual, 2.49 79 P, Pn, 12 13 42.1 +1.3, etc.

LDG 01 12:47:55.9.0.2.51:57N:6:49E, h1km, Md3.0/2, ML2.6/10, Error ellipse: s-maj=2.8km s-min=1.9km az=31.0, Suspected Mining Indent

CSEM 01 12:47:55.9.0.2.51:50N:6:39E, h1km, ML2.5/8, Error ellipse: s-maj=5.9km s-min=3.4km az=133.0, BUG 01 12:47:56.4.0.1.51:48N:6:56E, h1km, ML2.2

BNS 01 12:47:56.8.1.0.51:53N:6:54E, h1km, ML1.9, BGR 01 12:47:58.4.0.3.51:49N:6:60E, h1km, ML2.2/6, Error ellipse: s-maj=4.4km s-min=3.3km az=111.0

ISC 01 12:47:55.8.0.8.51:48N:0:02.6:50E:0:02, h0km, n81, c1914/17, 1D, Germany

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

Table with columns: HAU, Haudompre, 3.48 182 ePn, Pn, 12 48 50.5 -0.7, etc.

IDC 01 12:48:21.3.2.8.21:06S:68:38W, h0km, 25km, mb3.7/10, m1 3.9/13, mb1mx3.8/20, mbtmp3.7/13, MS2.9/1

ISCJB 01 12:48:23.5.0.5.21:99S:0:04:68:39W:0:08, h129km, 5km, mb3.7/9, Error ellipse: s-maj=12.5km s-min=6.4km az=178.0

NEIC 01 12:48:24.8.22:01S:68:62W, h135km, MG4.4(GUC), After GUC

GUC 01 12:48:24.8.0.9.22:01S:68:62W, h135km, 9km, ML4.4, ISC 01 12:48:24.9.0.8.21:98S:0:04:68:44W:0:09, h125km, 7km, n42, c1945/53, mb3.9/9, 13C-4D, Chile-Bolivia border region

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

SOMM comp=0.6, 0.6mm, 0.8s, baz=288, slow=0.9, SNR=4.2

IDC 01 13:15:09.5.1.1.28:73N:97:77E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.5/28, mbtmp3.6/6, ML3.4/1, Error ellipse: s-maj=59.9km s-min=18.3km az=65.0

ISCJB 01 13:15:12.3.0.8.28:70N:102:97:81E:0:09, h33km, mb3.7/4, Error ellipse: s-maj=12.5km s-min=10.3km az=44.6

BUI 01 13:15:15.0.28:46N:97:99E, h5km, ML3.4/4, ISC 01 13:15:15.0.9.28:67N:100:97:8E:0:1, h35km, n9, c225/10, mb3.7/4, Eastern Xizang-India border region

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

KISR 01 13:34:22.0.3.31:77N:55:21E, h34km, ML2.8, CSEM 01 13:34:29.7.27:07N:55:98E, h5km, ML3.0, After THR, Southern Iran

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

IDC 01 13:42:15.6.4.3.17:67S:175:33W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/18, mbtmp3.9/4, Error ellipse: s-maj=185.6km s-min=33.1km az=138.0, Tonga Islands

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

IDC 01 14:12:00.8.1.5.2:84S:129:66E, h0km, mb4.0/4, mb1 4.1/6, mb1mx3.8/22, mbtmp3.9/6, ML3.7/2, Error ellipse: s-maj=75.2km s-min=11.9km az=72.0

ISCJB 01 14:12:04.4.0.5.2:79S:0:05:129:59E:0:05, h28km, mb3.9/4, Error ellipse: s-maj=7.4km s-min=7.2km az=30.3

DJA 01 14:12:06.3.0.6.3.5:4:13:0E:1, h106km, 11km, M4.2/3, mb4.6/1, mb4.0/1, MLV4.0/3, MW(mB)3.9/1

ISC 01 14:12:04.7.0.7.2:76S:0:06:129:58E:0:06, h28km, n13, c189/17, mb4.1/4, Seram

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

IDC 01 14:18:50.8.0.9.34:04N:70:05E, h0km, mb3.8/12, mb1 3.9/16, mb1mx3.8/30, mbtmp3.8/16, ML3.8/4, MS3.0/1, s-min=17.7km az=17.0, Error ellipse: s-maj=21.5km

ISCJB 01 14:18:53.6.0.5.34:07N:0:06:70:09E:0:07, h33km, mb3.8/13, MS3.0/1, Error ellipse: s-maj=10.7km s-min=4.9km az=136.2

NINC 01 14:18:56.5.7.2.34:10N:69:31E, h36km, 68km, mb3.8, Error ellipse: s-maj=63.5km s-min=45.4km az=82.0

ISC 01 14:18:55.8.0.8.34:04N:0:09:70:06E:0:08, h35km, n37, c1945/37, mb3.8/13, 6C-2D, Southeastern Afghanistan

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

1d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKTO, VOSK, BVAO, BVAR, ZALV, BRTR, SONM, AKASG, FINES, ARCES, NB2, NOA, NOA, PETK, INK, TOR, ILAR, WRA, ASAR.

IDC 01 14:33:50.4, 1.0, 1.56S, 99.15E, h0km, mb4.0/10, mb1.4/12, mb1mx3.9/23, mbtmp3.9/12, ML3.6/2, Error ellipse: s-maj=43.5km s-min=17.5km az=52.0

NEIC 01 14:33:52.4, 0.5, 1.49S, 99.17E, h10km, mb4.2/6, Error ellipse: s-maj=19.0km s-min=7.8km az=59.0

NEIC Felt [III] at Padang, Sumatra.

ISCJB 01 14:33:53.7, 0.6, 1.42S, 0.07:99.22E, 0.06, h30km, mb4.1/17, Error ellipse: s-maj=10.1km s-min=7.6km az=25.0

DJA 01 14:33:53.4, 2.2, 1.54Z, 99.9E, h16km, 46km, M4.3/3, ML4.3/3

ISC 01 14:33:55.0, 1.8, 1.5S, 0.1:99.26E, 0.08, h30km, n47, 0.82Z, 5, mb4.2/17, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PDSI, PPI, MNSI, GSI, PSI, IPM, CMAR, H0S2, H0S3, H0S1, LSA, WRA, WRAB, AS31, ASAR, TKM2, SONM, SKS2, STKA, MK31, MKAR, MKUR, KURAT, ZAAO, ZALV, ABKAR, KBZ, BRTR, ARCES, GERES, TXAR, JCT.

KRSC 01 14:52:22.6, 6.4, 4.974N, 156.40E, h2km, 2km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR, PAU, MPR, ASAK, KRER, SDLR, KRX, GNL, MKZ, KBTR.

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NEIC 01 14:55:34.1, 36.63N, 121.25W, h11km, MW3.5(BRK), After NCEDC.

NEIC Felt [III] at Greenfield and Soledad; [II] at Carmel Valley, King City and Paicines. Also felt at Bradley, Chualar, Dublin, Gonzales, Marina, Monterey, Salinas, San Francisco and Santa Cruz.

ISC 01 14:55:33.9, 1.3, 3.661N, 0.04:121.27W, 0.04, h11km, 10km, n52, 0.898/65, 18C-18D, Central California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAO, SMC, CMB, SMMC, RCTC, YES, MPCM, PKM, MLAC, WAKR, ISA, ARVC, TIN, SBC, OSI, BLV, EDW2, PAHR, PASC, MWC, KCPM, BFSC, GSC, GRX, CIS, TPNV, WDC, BBR, SCI, HEC, MURC, TUQ, R11A, GMRC, SPHR, PFO, BELC, MOD, MON3, ELK, ARUT, ARUT, CCUT.

IDC 01 14:56:34.7, 0.6, 9.28S, 159.10E, h0km, mb4.0/11, mb1.4/21, mb1mx4.1/17, mbtmp4.0/11, MS3.5/2, Ms1.3/2, ms1mx3.0/27, Error ellipse: s-maj=19.9km s-min=16.5km az=168.0

ISCJB 01 14:56:37.0, 0.6, 9.3S, 0.1:159.08E, 0.06, h27km, mb3.9/11, MS3.4/2, Error ellipse: s-maj=16.8km s-min=8.6km az=175.0

ISC 01 14:56:38.0, 0.6, 9.3S, 0.1:159.15E, 0.08, h27km, n21, 0.89Z/16, mb4.0/11, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, WRA, STKA, STKA, ASAR, H1S2, H1S3, H1S1, H1N1, H1N2, URZ, PETK, CMAR, VNDA.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM, ILAR, MKAR, ZALV, NVAR, LPZ, GERES.

ISCJB 01 15:10:15.4, 0.9, 21.68N, 0.08:143.3E, 0.3, h311km, mb3.2/8, Error ellipse: s-maj=43.8km s-min=10.3km az=175.7

IDC 01 15:10:15.2, 1.8, 21.66N, 143.27E, h291km, 18km, mb3.0/8, mb1.3/2.9, mb1mx3.0/28, mbtmp3.1/9, Error ellipse: s-maj=34.8km s-min=11.8km az=87.0

ISC 01 15:10:16.7, 1.0, 21.74N, 0.10:143.2E, 0.4, h311km, n9, 0.150Z/9, mb3.1/8, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, WRA, ASAR, STKA, ZALV, KURB, ILAR, ARCES, FINES.

IDC 01 15:17:27.3, 57.0, 21.83S, 178.22W, h0km, mb3.6/3, mb1.3/8.3, mb1mx3.6/17, mbtmp3.6/3, Error ellipse: s-maj=1039.0km s-min=167.1km az=85.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, ASAR, WRA, UGM, LEM.

PRE 01 15:40:38.7, 1.6, 4.09S, 34.79E, h10km, ML3.8

ISCJB 01 15:40:40.6, 0.9, 3.89S, 0.07:34.70E, 0.05, h22km, Error ellipse: s-maj=5.9km s-min=7.6km az=5.8

ISC 01 15:40:41.4, 1.0, 3.99S, 0.07:34.75E, 0.06, h22km, n5, 0.89S/9, Lake Victoria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DODT, KMBD, KIG, MBAR, LSZ.

IDC 01 16:01:02.8, 0.5, 15.27S, 173.44W, h0km, mb4.4/12, mb1.4/7.12, mb1mx4.5/20, mbtmp4.4/12, MS4.0/25, Ms1.4/0.25, ms1mx4.0/28, Error ellipse: s-maj=26.4km s-min=14.8km az=135.0

AUST 01 16:01:04.2, 2.7, 15.23S, 172.95W, h19km, Error ellipse: s-maj=1.3km s-min=1.1km az=347.0

NEIC 01 16:01:04.2, 0.2, 15.42S, 173.32W, h10km, mb4.8/30, Error ellipse: s-maj=11.9km s-min=6.8km az=141.0

ISCJB 01 16:01:06.4, 0.2, 15.33S, 0.09:173.52W, 0.07, h33km, mb4.8/53, MS4.1/27, Error ellipse: s-maj=15.0km s-min=5.7km az=148.4

MOS 01 16:01:07.6, 1.4, 15.29S, 173.36W, h33km, mb5.0/13, Error ellipse: s-maj=20.7km s-min=11.8km az=53.1

ISC 01 16:01:08.7, 0.4, 15.48S, 0.08:173.28W, 0.08, h42km, n394, 0.89S/368, mb4.7/53, MS4.0/27, 105C-100D, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, NIUE, MSVF, RAR, RAR, RAR, DZM, DZM, DZM, PAE, PPT, PPT2, PPT2, TBI, TBI, URZ, URZ, URZ, PMOR, VAH, HNR, RPZ, ARMA, RKT, RKT.

Table with columns: ID, Name, Address, City, State, ZIP, and other details. Includes entries like RMQ Roma, H11S2 WAKE ISLAND Hy 39.09 329, H11S3 WAKE ISLAND Hy 39.10 329, etc.

Table with columns: ID, Name, Address, City, State, ZIP, and other details. Includes entries like NJ2 Nanjing, LPM Los Pinos Moun, 325A Bean Ranch, Si, etc.

Table with columns: ID, Name, Address, City, State, ZIP, and other details. Includes entries like 430A Baggett Ranch, 229A Bryant Ranch, 631A Perdo Creek, etc.

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Table with columns: Y32A, R-V Farms, Ver, 85.68, 53, P, P, 16 13 43.9 +0.5, etc. Lists various stations and their coordinates.

Table with columns: TREC, Trest, 145.52, 350, ePKIKP, PKPab, 16 20 42.9 +0.2, etc. Lists various stations and their coordinates.

Table with columns: GERES, comp=2.2, 0.0m, 0.3s, baz=23, slow=17, SNR=24, Pg, Pg, 16 14 56.6 -0.1, etc. Lists various stations and their coordinates.

MAN 01 16:21:09, 6.99N, 125.09E, h17km, mb4.8, ML3.7, MS3.7, 2C-1D, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 01 16:31:23.9, 1.5, 12.49S, 166.03E, h0km, mb4.0/8, mb1.4/1.0, mb1mx4.0/1.0, mbtmp4.0/9, ML4.9/1, MS3.6/1, etc. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 01 16:33:06.1, 0, 12.4S, 0.2, 165.8E, 0.1, h40km, m12, r134/12, mb3.8/8, Santa Cruz Islands. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 01 16:38:53.8, 5.8, 3.04S, 139.01E, h72km, 62km, mb3.1/2, mb1.3/3, mb1mx3.1/1.5, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=151.8km s-min=18.9km az=90.0, Irian Jaya. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 01 16:46:23.0, 1.9, 10.95S, 161.95E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.5/1.9, mbtmp3.5/4, MS3.0/1, Ms1 3.0/1, s-min=31.7km az=137.0, Bougainville - Solomon Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISK 01 16:47:43.6, 34.07N, 25.33E, h38km, ML4.1, ISCBJ 01 16:47:44.7, 0.3, 34.20N, 0.2, 25.34E, h35km, 4km, mb3.9/28, MS3.1/1, Error ellipse: s-maj=4.02km s-min=2.6km az=23.5. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MOS 01 16:47:45.7, 2.1, 34.25N, 25.31E, h33km, mb4.2/16, Error ellipse: s-maj=8.8km s-min=4.6km az=76.8. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISCB 01 16:47:47.2, 3.3, 34.27N, 0.04, 25.24E, 0.03, h35km, 19km, n380, r1921/386, mb4.0/27, 14C-27, Crete. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.



Table with columns: KAF, KAF, NOA, NOA, EKA, EKA, AKTO, AKTO, TORO, TORO, ARCES, ARCES, BRVK, BRVK, AAK, AAK, LIC, LIC, KURK, KURK, SPITS, SPITS, SPITS, SPITS, MKAR, MKAR, MKAR, MKAR, NVS, NVS, ZALV, ZALV, ZALV, ZALV, SONM, SONM, CMAR, CMAR, USRK, USRK, KSRS, KSRS, KSRS, KSRS, ILAR, ILAR. Includes station names, coordinates, and various codes.

AUST 01 17:01:14.7, 21.925S:177.067W, h50km
ISCJB 01 17:02:17.4, 0.6, 23.50S:107.98E:10, h532km,
mb3.9/9, Error ellipse: s-maj=12.2km s-min=11.3km
az=37.5

IDC 01 17:02:20.9, 2.4, 23.47S:179.95E, h563km, 26km,
mb1.3/7.9, mb1mx3.5/19, mbmp3.5/9, Error ellipse:
s-maj=25.3km s-min=12.4km az=168.0

ISC 01 17:02:17.0, 0.6, 23.50S:107.98E:10, h532km, n36,
+13/39, mb4.3/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like Urewera, Armadale, Eidsvold, etc.

TORD 0.8nm, 0.8s, baz=179, slow=5.8, SNR=4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like HOMI, HAMI, EATA, etc.

MAN 01 17:52:41, 10.51N:125.80E, h48km, mb4.8, ML3.7, MS3.8,
1D, Leyte

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

GUC 01 17:56:19.9, 0.6, 21.32S:67.76W, h222km, 11km, ML3.7,
6C, Chilbolton Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PB09, PB09, PB04, etc.

Table with columns: MACH, MACH, PB07, PB07, CEN1, CEN1, ANCH, ANCH, PSCG, PSCG, MNCM, MNCM. Lists stations like Maria Elena, Plate Boundary, Los Morros, etc.

AUST 01 18:09:43.9, 0.0, 7.03S:125.12E, h508km, Error ellipse:
s-maj=1.5km s-min=1.1km az=293.0
ISCJB 01 18:09:44.4, 0.3, 7.07S:125.33E:0.07, h511km,
mb3.3/1.1, Error ellipse: s-maj=4.3km s-min=5.2km
az=152.5

IDC 01 18:09:44.8, 1.9, 7.01S:125.35E, h511km, 31km, mb3.1/7,
mb1.3/3.1, mb1mx3.2/22, mbmp3.2/11, Error ellipse:
s-maj=37.1km s-min=12.6km az=59.0
DJA 01 18:09:45.0, 0.9, 7.0S:125.1E:1.1, h507km, 23km, M4.2/8,
mB4.6/3, mb4.3/8, MLv4.2/7, Mw(MB)3.8/3

ISC 01 18:09:45.0, 0.6, 7.09S:125.27E:0.10, h511km, n39,
+1500/39, mb3.5/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SOEI, SOEI, MMRI, MMRI, KSI, KSI, WSI, WSI, BNSI, BNSI, KAPI, KAPI, LUWI, LUWI, TTSI, TTSI, APSI, APSI, MMSI, MMSI, KMSI, KMSI, FAKI, FAKI, MTN, MTN, MRSI, MRSI, SWI, SWI, KDU, KDU, FNZA, FNZA, FITZ, FITZ, WRA, WRA, ASAR, ASAR, COEN, COEN, MEEK, MEEK, QLP, QLP, BBOO, BBOO, STKA, STKA, HTT, HTT, CMSA, CMSA, ARPS, ARPS, ARMA, ARMA, CMAR, CMAR, NFK, NFK, USRK, USRK, SONM, SONM, MKAR, MKAR, PETK, PETK, ZALV, ZALV.

KRSC 01 18:15:29.0, 8.0, 48.39N:156.45E, h25km, 25km, ML3.7,
East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SKR, SKR, PAU, PAU, ASAK, ASAK, MTRV, MTRV, RUS, RUS, AVACH, AVACH, KOK, KOK, KRER, KRER, XDLR, XDLR, GNL, GNL, MKZ, MKZ, KBTR, KBTR.

NEIC 01 18:25:29.8, 1.4, 10.37N:84.71W, h20km, 12km,
ML4.1(4C), Error ellipse: s-maj=17.4km s-min=12.3km
az=50.0, Costa Rica

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

DJA 01 18:58:13.4, 0.7, 8.7S:111.5E:1.1, h113km, 5km, M4.9/3,
mb6.5/1, mbB6.3/1, MLv4.1/3, Mw(MB)6.0/1, Bali region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DNP, DNP, SRBI, SRBI, SRBI, SRBI, KHKI, KHKI, MTNI, MTNI, MTNI, MTNI.

KRRI Karangkates 2.54 276 P Pn 18 58 54.3 +0.9
TNG Tangerang 8.58 285 P Pn 19 00 11.2 -3.6

KRSC 01 19:01:24.7:9.2,48.48N:155.86E,h134km,134km,ML4.1,

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

IDC 01 19:02:11.2:0.9, 1'23N:96.95E, h0km, mb4.3/14, m1 4.3/16, mb1mx4.2/28, mbtm4.4/316, ML4.2:02, MS3.77, M1 3.6/7, ms1mx3.4/33, Error ellipse: s-maj=4.9, s-min=14.2km az=55.0

ISCJB 01 19:02:14.1:0.5, 1'23N:0.06:97.00E:0.05, h28km, mb4.2/14, MS3.8/6, Error ellipse: s-maj=9.9km s-min=5.0km az=31.9

DJA 01 19:02:14.2:0.9, 1'N:4.9:7.9E:1.1, h7km, 6km, M4.5/5, mb4.7/1, mb4.6/1, ML4.4/5, Mw(mb)3.8/1
AUST 01 19:02:19.9, 1'52N:97.50E, h35km
ISC 01 19:02:16.0:0.7, 1'32N:0.06:97.01E:0.07, h28km, m63, r111/53, mb4.2/14, MS3.8/6, Error ellipse: s-maj=9.9km

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

2009 NOV

mb1 3.9/3, mb1mx3.6/18, mbtm3.8/3, ML3.7/1, MS3.0/2, M1 3.1/2, ms1mx2.8/21, Error ellipse: s-maj=80.2km s-min=63.2km az=153.0, Off coast of northern Chile

Station list table for Chile area with columns: Code, Station Name, Az, Phase ID, Time, Res ISC

ISCJB 01 19:03:42.4:0.2, 43'77N:0.0:1:105:30W:0.02, h0km, Error ellipse: s-maj=2.5km s-min=2.0km az=159.6
IDC 01 19:03:43.9:1.0, 44'20N:105.791W, h0km, mb1 3.7/4, mb1mx3.4/29, mbtm3.3/4, ML3.4/4, Error ellipse: s-maj=24.3km s-min=8.2km az=147.0

NEIC 01 19:03:45.0: 1.0, 43'91N:105.71W, h0km, ML3.2, Error ellipse: s-maj=14.0km s-min=10.3km az=80.0, Suspected Mining explosion.

NEIC 45 01 19:03:42.2:0.5, 43'84N:0.0:2:105:35W:0.02, h0km, n129, r131/118, 500-500, Wyoming

Main station list table for Wyoming area with columns: Code, Station Name, Az, Phase ID, Time, Res ISC

1d 19h

Main station list table for 1d 19h period with columns: Code, Station Name, Az, Phase ID, Time, Res ISC

IDC 01 19:08:53.5:3.8, 1'102S:165.67E, h45km, 35km, mb3.2/3, mb1 3.7/5, mb1mx3.4/20, mbtm3.8/5, ML4.2/2, Error ellipse: s-maj=34.8km s-min=26.3km az=40.0, Santa Cruz Islands

Station list table for Santa Cruz Islands with columns: Code, Station Name, Az, Phase ID, Time, Res ISC

GUC 01 19:13:20.2:0.6, 32.78S:71.89W, h8km, 2km, MD3.7, ML2.8, 6C-3D, Near coast of central Chile











1d 21h

Table listing station call signs (e.g., MKAR, KSKR, KZKA) and their corresponding frequency, power, and other technical details.

2009 NOV

Table listing station call signs (e.g., MAT, MKAR, KSKR) and their corresponding frequency, power, and other technical details.

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Table listing station call signs (e.g., WRAB, WRA, BR131) and their corresponding frequency, power, and other technical details.



1d 21h

Table with columns for station name, frequency, power, and various signal quality metrics (SNR, etc.). Includes stations like Dumont d'Urville, Chichijima, Soe, Marble Bar, Scott Base, Vanda, etc.

2009 NOV

Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like La Paz, Yuzh-Sakhalins, Belle Mtn, Jos, Marroth Lakes, Yreka Blue Hor, etc.

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Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like Sheshan, Seward, Elko, Kipp Ranch, An, Playas Peak, P, Khabarovsk, etc.

Table listing property records for page 29. Columns include lot number, owner name, address, area (sq ft), sale price, and date. Examples: X22A Bernardo, MNTX Cornudas Mount, Z23A Rita Site, Whi, etc.

Table listing property records for page 29. Columns include lot number, owner name, address, area (sq ft), sale price, and date. Examples: Q21A Lamborn Mesa, S22A 4UR Ranch, Cre, DOT Dot Lake, etc.

Table listing property records for page 29. Columns include lot number, owner name, address, area (sq ft), sale price, and date. Examples: ISCO Idaho Springs, ISCO Idaho Springs, H19A Powell, etc.

1d 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like U29A Oasis Ranch, KSCO Kaye Shedlock, EDM Edmonton, etc.

2009 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like INK Inuvik, D25A Fairfield, XAN XAN, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMAR comp=Z,0.4nm,0.6s, CHTO Chiang Mai, etc.



Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like KWP Kalwaria Pacia, OJC Ojcow, KSP Ksiaz, etc.

Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like KHC Kasperke Hory, DRGR Kasperke Hory, AMRR Amara, etc.

Table with columns: Station Name, Frequency, Power, and Signal Quality. Includes stations like BOJS Bous, ISP Isparta, DIVS Divibare, etc.

KRSC 01:21:35.309;6.3.53.77N;163.96E;h27km;26km,ML4.0. Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBTR Krutoberegovo, TUMR Tumrok, NLC Nalytchevo, etc.

IDC 01 21:37:45.1±0.8, 55.98S:27.64W, h0km, mb4.4/6, mb1 4.4/8, mb1mx4.2/19, mbtmp4.4/8, ML4.9/2, MS4.3/2, Ms1 4.3/2, ms1mx3.6/19, Error ellipse: s-maj=29.3km s-min=18.3km az=87.0

NEIC 01 21:37:49.0±0.4, 55.99S:27.67W, h35km, mb4.5/8, Error ellipse: s-maj=15.9km s-min=10.0km az=148.0

ISCJB 01 21:37:56.5±0.6, 65.07S:01.09±27.5W:0.2, h12km, mb4.2/9, Error ellipse: s-maj=15.3km s-min=13.0km az=158.7

ISC 01 21:37:58.0±0.6, 56.15S:01.27±7.0W:0.1, h112km, n27, ±110/25, mb4.2/9, South-and-Western Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNAA Sanae, PMSA Palmer Station, PMSA Palmer Station, etc.

IDC 01 21:38:59.2±2.6, 3.55S:130.55E, h0km, mb3.8/3, mb1 4.1/4, mb1mx3.7/19, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=151.7km s-min=27.9km az=78.0, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

BUI 01 22:04:45.4, 25.95N:100.70E, h10km, ML3.2/8, IDC 01 22:04:46.8±1.5, 26.02N:101.12E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/25, mbtmp3.6/4, Error ellipse: s-maj=45.6km s-min=24.6km az=80.0

ISC 01 22:04:50.3±1.1, 26.21N:100.09:101.22E:0.10, h15km, n6, ±141/71, mb3.5/4, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMI Kunming, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

IDC 01 22:21:19.9±1.1, 43.73N:133.87E, h441km, mb3.0/6, mb1 3.0/9, mb1mx2.8/28, mbtmp2.9/9, Error ellipse: s-maj=28.6km s-min=14.3km az=53.0, Primorye

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Arr, ASAJ Asahikawa, KSRs Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arr, etc.

GUC 01 22:45:42.6±0.9, 23.70S:69.11W, h107km, gkm, MD3.7, ML3.7, 3C-2D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1 Los Morros, CEN1 comp=E.595nm,0.2s, SPCH San Pedro de A, ANCH Antofagasta, etc.

IDC 01 22:54:30.1±1.3, 19.27N:144.94E, h0km, mb3.9/3, mb1 4.2/3, mb1mx3.6/25, mbtmp3.9/3, Error ellipse: s-maj=73.1km s-min=31.9km az=108.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warrungarra Arr, NVAR Mina Array Bea, FINES FINES Array B, etc.

IDC 01 22:56:01.7±1.3, 30.38S:179.32W, h341km, 16km, mb2.7/2, mb1 2.9/3, mb1mx2.8/17, mbtmp2.8/3, Error ellipse: s-maj=33.6km s-min=30.9km az=20.0

ISC 01 22:56:00.7±1.1, 30.65S:179.5W:0.2, h321km, n6, ±132/7, Kermadec Islands region

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

IDC 01 23:06:39.8±0.7, 9.78S:124.10E, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/20, mbtmp4.1/11, ML4.9/2, MS3.2/2, Ms1 3.2/2, ms1mx2.8/29, Error ellipse: s-maj=35.9km s-min=15.0km az=66.0

ISCJB 01 23:06:45.1±0.7, 9.81S:124.30E:0.05, h49km, gkm, mb3.9/10, MS3.2/1, Error ellipse: s-maj=9.1km s-min=7.2km az=35.2

AUST 01 23:06:45.5±0.3, 0.102S:124.26E, h16km, Error ellipse: s-maj=7.0km s-min=0.6km az=13.0

ISC 01 23:06:46.0±0.9, 9.87S:124.23E:0.07, h49km, 10km, n45, ±190/40, mb4.0/10, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, WSI Waingapu, KAPI Kappang, etc.

MEX 01 23:12:27.0±0.7, 15.56N:95.33W, h52km, 14km, MD3.6, Near coast of Oaxaca

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODAN Odare, TAPN Tapejlung, GKN Gorcha, etc.

IDC 01 23:12:00.1±1.9, 43.06N:78.38E, h0km, mb3.2/2, mb1 3.3/4, mb1mx3.2/29, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=48.6km s-min=16.7km az=134.0

NIC 01 23:12:02.5±1.2, 43.06N:78.42E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=15.4km s-min=6.0km az=165.0

ISCJB 01 23:12:04.2±0.5, 43.13N:01.06:78.49E:0.06, h24km, mb3.3/1, Error ellipse: s-maj=8.3km s-min=5.4km az=156.4

ISC 01 23:12:03.6±0.8, 43.01N:0.08:78.36E:0.06, h24km, n28, ±171/23, 6C-5D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KNDC Almaty, ULHL Ulahol, TKM2 Tokmak 2, etc.

IDC 01 23:12:03.6±0.8, 43.01N:0.08:78.36E:0.06, h24km, n28, ±171/23, 6C-5D, Lake Issyk-Kul region

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

IDC 01 23:12:03.6±0.8, 43.01N:0.08:78.36E:0.06, h24km, n28, ±171/23, 6C-5D, Lake Issyk-Kul region

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

IDC 01 23:12:03.6±0.8, 43.01N:0.08:78.36E:0.06, h24km, n28, ±171/23, 6C-5D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKN Kakan, GUN Gumba, PKIN Pulchokhi, etc.

IDC 01 23:12:03.6±0.8, 43.01N:0.08:78.36E:0.06, h24km, n28, ±171/23, 6C-5D, Lake Issyk-Kul region

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

IDC 01 23:18:44.8±1.9, 2.99N:125.01E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/22, mbtmp3.3/3, MS3.5/1, Ms1 3.4/1, ms1mx2.8/17, Error ellipse: s-maj=189.4km s-min=25.3km az=64.0, Talaud Islands

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

IDC 01 23:35:51.2±0.8, 13.39N:145.05E, h0km, mb3.8/8, mb1 4.1/8, mb1mx3.9/24, mbtmp3.8/8, Error ellipse: s-maj=31.5km s-min=19.8km az=96.0

ISCJB 01 23:35:55.7±0.8, 13.30N:0.09:144.8E:0.2, h35km, mb4.1/13, Error ellipse: s-maj=22.9km s-min=12.8km az=179.0

NEIC 01 23:35:56.6±0.8, 13.27N:145.05E, h35km, mb4.5/4, Error ellipse: s-maj=24.6km s-min=13.2km az=89.0

NEIC Fell at Apra Harbor, Dededo, Hagatina, Hagatina Heights, Maricao, Santa Rita, Talofoto, Tarningning and Yona, ISC 23:35:56.6±0.8, 13.25N:0.09:145.0E:0.2, h35km, n33, ±124/26, mb4.0/13, Mariana Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 21.47, H11S1 WAKE ISLAND Hy 21.48, H11S2 WAKE ISLAND Hy 21.48, H11N1 WAKE ISLAND Hy 21.91, H11N2 WAKE ISLAND Hy 21.92, H11N3 WAKE ISLAND Hy 21.93, YULB Yu-I, TATO Taipei, ASAJ Asahikawa, KAPI Kappang, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, ILAR Eielson Array, NVAR Mina Array, VDA Vanda, TORD Torodi Ar. Bea, DBIC Dimbokro.

BYKL 01 23:47:39.6:0.3, 51.70N:102.29E, h15km, 4km
MOS 01 23:47:39.8:2.6, 51.63N:102.21E, h17km, mb4.3/1, Error ellipse: s-maj=32.8km s-min=18.5km az=160.2

ISC 01 23:47:38.3:1.2, 51.87N:104.102:27E:0.02, h4km, 11km, n28, e1937/51, 7C-4D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARS Arshan, MOY Mondy, TLY Talaya, IRK Irkutsk, ZAK Zakamensk, LSTR Listvyanka, ORL Orlik, TRG Tyrgan, KAB Kabansk, HRMR Khuramsh.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HRMR, ZRHB Zarechye, UUDB Ulan-Yde, OGRG Ongureny, ULN Ulanbaatar, NIZ Nizh Angarsk, YLYR Ulyun Khan, KPC Khapcheranga, KMO Kumora, UKT Ukait.

ISCJB 02 01:02:16.7:0.9, 53.43N:103.164:94W:0.03, h10km, 6km, mb3.5/3, Error ellipse: s-maj=6.0km s-min=3.2km az=165.2

NEIC 02 01:02:18.6:53.46N:165.01W, h17km, ML3.6(AEIC), After AEIC

IDC 02 01:02:22.7:4.7, 53.90N:165.10W, h43km, 47km, mb3.2/4, mb1.3/6/6, mb1mx3/3/30, mbtmp3.3/6, ML3.4/2, Error ellipse: s-maj=48.3km s-min=24.0km az=3.2

ISC 02 01:02:18.0:1.5, 53.52N:106.165:06W:0.03, h14km, 9km, n51, e192/59, mb3.4/3, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKSA Akutan Strait, AKUT Akutan, ZRZ Akutan Zero, AKRB Akutan Reef Bi, LVA Lava Point, AKGG Akutan Green G, UNV Unalaska Valle, WESE West Dahl East, MREP Makushin Rep't, MTBL Makushin Table, MSW Makushin Switc, MGOD Makushin Gods, MSOM Makushin Julie, MCIR Makushin Cirqu, SSSL Shishaldin Sou, BRPK Brown Peak, SSHA Shishaldin, SSSL Shishaldin Wes, ISNN Isanotski Nort, FALS False Pass, OKFG Magazine Ridge, OKTU Okmok Mt. Tuli, OKSC Okmok Cone E, OKSC Okmok South, OKSC Okmok Steeple, DRIA Deer Island, DT1 Dutton Round H, DTNA Dutton South F, NIKH Nikolski High, DOL Dolgoi Island, PS4A Pavlov South-4, SDPT Sand Point, CHGN Chignik, OHAH Oak Harbor, SEW Seward, FX1 Attu Island-F, ILAR Eielson Array, INK Inuvik, YKA Yellowknife Arr, NVAR Mina Array Bea, H11N2 WAKE ISLAND Hy 40.04 224 T, H11N3 WAKE ISLAND Hy 40.04 224 T, H11N1 WAKE ISLAND Hy 40.05 224 T, H11S1 WAKE ISLAND Hy 41.21 223 T, H11S2 WAKE ISLAND Hy 41.23 223 T

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND Hy 41.23 223 T, TXAR Lajitas Array, SONM Songoing Array, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez.

IDC 02 01:14:45.0:1.7, 11.44S:165.29E, h0km, mb3.8/4, mb1.4/1/5, mb1mx3.8/20, mbtmp3.9/5, ML4.0/1, MS3.1/1, Ms1.3/1/1, ms1mx2.7/25, Error ellipse: s-maj=50.4km s-min=30.9km az=118.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, ILAR Eielson Array.

CASC 02 01:31:09.8:4.2, 11.066N:86.79W, h26km, 27km, MD4.0, 1C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like COPN Copalpete, NY14 Universidad de, GBSZ Las Lilas, LAPC Finca La Perla, BUEV Buena Vista, BUEV Borinquen Arri, GBSZ Rio Rincon, VCR Vista de Mar, LIMI Limonal, MESS Mesas, COLC Colonia, HORNC Hornillitas, CUI Cuijapilla, CHJA Chiripa, JCR Jicaral, CNCH Conchagua, CGAZ Cerro Gallo 2, TGUH Tegucigalpa, Un, QCR Quepos, URSC Urasca, BURS Buena Vista, LFRS El Faro, SBL5 San Blas, RTR El Retiro.

ISCJB 02 01:41:05.3:0.6, 40.2S:0.1x16.4W:0.1, h10km, mb3.9/11, MS3.8/15, Error ellipse: s-maj=16.8km s-min=13.9km az=17.6

IDC 02 01:41:05.7:0.7, 40.17S:16.39W, h0km, mb3.9/11, mb1.4/0/11, mb1mx3.9/21, mbtmp3.9/11, MS3.8/15, Ms1.3/8/15, ms1mx3.6/29, Error ellipse: s-maj=20.2km s-min=17.7km az=17.0

ISC 02 01:41:07.2:0.7, 40.2S:0.1x16.4W:0.1, h10km, n28, e104/48/12, mb4.0/11, MS3.8/15, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SUR Sutherland, H10S2 ASCENSION HYDR31.12, H10S3 ASCENSION HYDR1.13, H10S1 ASCENSION HYDR1.14, H10N1 ASCENSION HYDR32.23, H10N3 ASCENSION HYDR32.24, H10N2 ASCENSION HYDR32.25, SNA4 Sanaa, SNA4 Paso Flores, TSUM Tsumeb, BOSB Boshof, BOSA Bosa, CPUP Villa Florida, BDFB Brasilia, USHA Ushuaia, PLCA Paso Flores, CFAA Coronel Fontan, SIV San Ignacio, MAW Mawson, MAW Mawson, LPAZ La Paz, LPAZ Paso Flores, TORD Torodi Ar. Bea, VDA Vanda, VDA Vanda, ROSC El Rosal, MDT Midelt, ESDC Sonsea Array, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H.

YKA Yellowknife Ar 128.30 324 PKP PKPdf 02 00 12.9 0.0
ILAR Eielson Array 142.54 328 PKhKP PKPpre 02 00 35.5

IDC 02 01:45:46.7-3.9, 10.73S:165.60E, h0km, mb3.6/4,
mb1 3.8/4, mb1mx3.6/19, mbtmp3.6/4, MS3.7/1, Ms1 3.7/1,
ms1mx2.9/23, Error ellipse: s-maj=164.8km
s-min=31.2km az=136.0, Santa Cruz Islands

Code Station Name Az AZZ Phase ID Time Res
WRA Warramunga Arr 31.45 249 Op P 01 52 10.5 +0.2
ASAR Alice Springs 32.80 243 P P 01 52 21.7 -0.4

IDC 02 01:49:51.6-9.5, 5.88N:93.77E, h2km, mb3.2/3,
mb1 3.5/4, mb1mx3.2/25, mbtmp3.4/4, ML3.7/1, Error
ellipse: s-maj=155.8km s-min=24.9km az=54.0

IDC 02 01:49:52.2-2.5, 5.9N:105.937E, h0.4, h50km, n14, c052/6,
mb3.3/3, Off west coast of northern Sumatra

Code Station Name Az AZZ Phase ID Time Res
PSI Prapat 6.03 120 Op P 01 52 17.1 +0.3
TAPN Tapingjung 22.12 346 P P 01 55 01.2 +1.7
PKI Pulchoki 22.98 341 eP P 01 55 12.8 +2.0

CSEM 02 01:52:09.3, 38.05N:23.22E, h21km, MD2.3, After ATH
ATH 02 01:52:09.3, 38.05N:23.22E, h21km, 7km, MD2.3/7, ML4.9,
Greece

Code Station Name Az AZZ Phase ID Time Res
LTK Loutraki 0.20 262 Op P 01 52 14.1 -1.1
LTK Loutraki 0.20 262 ePb P 01 52 14.1 -1.1
NAIG Nisos Aigina 0.36 144 ePb P 01 52 17.0 +0.1

IDC 02 01:54:42.5-3.4, 15.92S:179.42W, h0km, mb3.9/3,
mb1 4.1/3, mb1mx3.7/19, mbtmp3.9/3, Error ellipse:
s-maj=161.7km s-min=35.8km az=139.0, Fiji Islands
region

Code Station Name Az AZZ Phase ID Time Res
STKA Stephens Creek 38.78 239 Op P 02 02 09.0 -0.1
WRA Warramunga Arr 44.08 258 P P 02 02 52.6 -0.1
ASAR Alice Springs 44.44 252 P P 02 02 55.4 -0.2

MEX 02 02:16:04.3-0.4, 18.92N:98.80W, h5km, MD3.7, Central
Mexico

Code Station Name Az AZZ Phase ID Time Res
AMVM AMECAMECA 0.21 4 eP P 02 16 08.9 -0.7
PPM Popocatepetl 0.22 48 eP P 02 16 08.4 -1.0
YAIG Yautepac 0.26 258 eP P 02 16 07.2 -2.4

PRE 02 02:24:56.2-2.7, 0.52N:30.27E, h10km, ML3.8
ISC 02 02:24:59.3-0.0, 0.3N:0.2-30.5E, 0.1, h10km, n5, c051/10,
1C, Uganda

Code Station Name Az AZZ Phase ID Time Res
ARIG Puento Sto Nin 1.60 247 eP P 02 16 29.2 -4.1

MBAR Mbarara 0.91 163 iP Pn 02 25 20.0 +1.0
KIB Kigali 0.27 191 eS Pn 02 25 34.7 +3.0

comp=Z.406nm,0.4s
KIMBO Kilima Mbogo 6.92 102 eP Pn 02 26 41.7 0.0
KIMBO KIMBO 0.27 191 eS Pn 02 28 00.1 -0.1

IDC 02 02:30:25.0-6.7, 38.10N:74.13E, h61km, mb3.6/4,
mb1 3.5/9, mb1mx3.3/32, mbtmp3.5/9, ML3.3/5, Error
ellipse: s-maj=50.8km s-min=26.0km az=27.0

ISC/JB 02 02:30:31.4-0.5, 38.34N:0.04-74.5E, 0.1, h150km,
mb3.6/4, Error ellipse: s-maj=16.3km s-min=5.1km az=5.3

ISC 02 02:30:32.7-0.8, 38.34N:0.07-74.4E, 0.1, h150km, n21,
c051/22, mb3.6/4, Tajikistan-Xinjiang border region

Code Station Name Az AZZ Phase ID Time Res
KZA Kyzart 3.79 10 Op P 02 31 29.2 -1.3
AML Almayashu 3.82 352 P Pn 02 31 28.8 -2.1
ULHL Ulahol 4.15 19 P Pn 02 31 34.5 -0.5

IDC 02 02:40:20.9-2.2, 6.46S:129.85E, h0km, mb3.6/1,
mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, ML3.1/3, Error
ellipse: s-maj=90.7km s-min=27.9km az=77.0, Banda
Sea

Code Station Name Az AZZ Phase ID Time Res
FITZ Fitzroy Crossi 12.28 199 Op Pn 02 43 17.1 -0.1
FITZ Fitzroy Crossi 12.28 199 Op Pn 02 43 17.1 -0.1
WRA Warramunga Arr 14.09 162 Pn Pn 02 43 42.0 0.0

TAP 02 03:01:38.4, 24.79N:122.72E, h113km, 1km, ML3.7, D,
Taiwan region

Code Station Name Az AZZ Phase ID Time Res
TWB1 Santiao Chiao 0.70 288 P Op P 03 01 57.1 +0.1
TWB1 Santiao Chiao 0.70 288 P Op P 03 01 57.1 +0.1
TWC Suao 0.81 257 P Pn 03 01 58.2 +0.3

MOQ 02 03:16:44.9-0.0, 46.11N:74.70W, h18km, MD3.6(LDO),
MN3.4(OTT), After NN:
NEIC Felt (III) at Saint-Jovite. Also felt at Labelle,
L'Annonciation, Laurendies and
Sainte-Agathe-des-Monts.

OTT 02 03:16:44.9-0.0, 46.11N:74.70W, h18km, MN3.4/55, 4D,
Southern Quebec

Code Station Name Az AZZ Phase ID Time Res
TRQ Mont Tremblant 0.15 42 P P 03 16 48.9 +0.2
TRQ Mont Tremblant 0.15 42 P P 03 16 48.9 +0.2
TRQ Mont Tremblant 0.15 42 P P 03 16 48.9 +0.2

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like LISBON, PRINCE EDWARD, VAL D'OR, BELLETERRE, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like TORONTO-LESLIE, MATAGAMI, KIRKLAND LAKE, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and Time. Includes stations like KAPUSKASING, CLARKE CITY, SOLDIER'S DELI, etc.

Technical notes and coordinates: IDC 02 03:50:45.6; 1.4, 2.89S; 130.41E, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/22, mbtmp3.7/6, ML3.7/2, MS2.9/1, M1 2.9/1, ms1mx2.5/29, Error ellipse: s-maj=100.8km s-min=19.6km az=73.0, ISCJB 02 03:50:48.0; 0.6, 3.08S; 0.05; 130.2E; 0.1, h25km, mb3.6/3, Error ellipse: s-maj=15.0km s-min=6.5km az=14.5, DJA 02 03:50:52.1; 0.9, 3.3S; 6.1E; h100km, 55km, M3.8/5, MLV3.8/5, ISC 02 03:50:48.7; 0.8, 2.95S; 0.06; 130.21E; 0.09, h25km, n10, az236/12, mb3.6/3, Seram

2d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Rows include JIE Ise, CBJJ Chichi jima, BS03 Boso 3, BS04 Boso 4, JOD2 Odawara 2, etc.

NEIC 02 04:15:27.3, 32'63N, 115'65W, h17km, ML3.0(PAS), ML3.2(ECX), After PAS.

NEIC Feit [I] at El Centro, California, ECX 02 04:15:28.4±0.6, 32'69N, 115'67W, h6km, MD3.0, ML3.2, ISC 02 04:15:26.8±0.9, 32'68N, 115'63W, 0'02, h16km, 7km, n31, r122/56, 3C-5D, California-Baja California border region

Main table of station data for the 2d 4h period, listing codes, station names, coordinates, and times. Includes stations like SWSC Sam W. Stewart, CPBX Cerro Prieto, RMX La Rumorosa, etc.

ISC/JB 02 04:23:06.5±0.6, 0'10S, 0'06E, 123'24E±0'07, h157km, mb3.5/6, Error ellipse: s-maj=10.6km s-min=8.1km az=12.5

ISC 02 04:23:09.4±7.2, 0'04S, 123'48E, h168km, 71km, mb3.3/6, mb1 3.4/7, mb1mx3.3/22, mbtm3.3/7, Error ellipse: s-maj=68.8km s-min=15.9km az=61.0

DJA 02 04:23:10.8±0.4, 0'54'±12'3E, h112km, M4.2/4, ML4.2/4

ISC 02 04:23:08.1±0.7, 0'08S, 0'06E, 123'26E±0'08, h157km, n13, e251/20, mb3.6/6, Minahassa Peninsula, Sulawesi

Continuation of station data table for the 2d 4h period, listing codes, station names, coordinates, and times. Includes stations like GTOI Gorontalo, KMSI Cibinong, LUWI Luwu, etc.

2009 NOV

Table with columns: MKAR, Vnda, Pcp, Pcp, 04 33 37.2 -0.6, 04 35 01.1 +0.9. Rows include MKAR 0.4nm, 0.4s, baz=166, etc.

ICC 02 04:25:41.4±1.5, 15'44S, 173'33W, h0km, mb3.9/7, mb1 4.2/7, mb1mx4.0/21, mbtm3.9/7, MS3.2/2, Ms1 3.5/2, ms1mx3.0/41, Error ellipse: s-maj=99.9km s-min=19.9km az=147.0

ISC 02 04:25:45.3±1.4, 15'1S, 0'5x173'2W, 0.4, h29km, n18, e251/20, mb3.6/7, Tonga Islands

Main table of station data for the 2009 NOV period, listing codes, station names, coordinates, and times. Includes stations like AFI Afiamalu, AFI 60nm, 0.3s, etc.

WEL 02 04:31:43.5±0.4, 38'53S, 175'87E, h151km, 3km, ML3.8/16, 11C-7D, Error ellipse: s-maj=1.9km s-min=1.7km az=0.0, North Island

Main table of station data for the 2009 NOV period, listing codes, station names, coordinates, and times. Includes stations like ALRZ Allen Road, TARZ Mount Tarawera, etc.

Table with columns: BSWZ Blackbirch Sta, THZ Tophouse, KHZ Kohutara, etc. Includes coordinates and times.

MEX 02 04:34:15.4±0.4, 17'15N, 99'99W, h44km, 6km, MD3.5, Guerrero

Table of station data for the MEX 02 04:34:15.4±0.4 period, listing codes, station names, coordinates, and times.

FUNV 02 04:46:59.4, 9.59N, 73'75W, h35km, MW3.5, 1D, Northern Colombia

Table of station data for the FUNV 02 04:46:59.4 period, listing codes, station names, coordinates, and times.

ICC 02 04:50:56.5±7.8, 7'60S, 119'55E, h277km, 93km, mb2.9/3, mb1 2.9/5, mb1mx2.8/23, mbtm2.8/5, Error ellipse: s-maj=140.4km s-min=30.4km az=52.0, Flores Sea

Table of station data for the ICC 02 04:50:56.5±7.8 period, listing codes, station names, coordinates, and times.

ISC 02 04:56:07.1±0.9, 36'37N, 117'87W, h0km, mb3.6/1, mb1 3.4/7, mb1mx3.3/32, mbtm3.3/17, ML3.2/6, Error ellipse: s-maj=15.1km s-min=6.5km az=75.0

NEIC 02 04:56:08.3, 36'40N, 117'88W, h0km, ML3.7(PAS), After PAS

NEIC Feit [III] at Lone Pine, ISC 02 04:56:07.5±1.1, 36'41N, 117'86W, 0'02, h2km±10km, n79, r163/143, California-Nevada border region

Main table of station data for the 2009 NOV period, listing codes, station names, coordinates, and times. Includes stations like GRAC Grapevine Rang, GRAC 0.71 33 P, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NVAR, SMMC, BFSC, SHPR, MWC, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PDAR, ANMO, TXAR, LPAZ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like H11S1, H11S2, H11S3, etc.

Table with columns: BVAR, Borovoye Array, 18.11 40 P, P, 05 24 59.7 +0.6. Includes various station codes and coordinates.

IDC 02 05:22:26.8 0.7, 13.47N:125.31E, h0km, mb4.0/11, mb1.4/11, mb1mx4.0/25, mbtmp4.0/11, MS3.1/1, Ms1.3/1.1, ms1mx2.4/33, Error ellipse: s-maj=33.7km s-min=14.2km az=73.0

ISCJB 02 05:22:30.6 0.5, 13.51N:125.28E:0.05, h33km, mb4.0/15, MS3.1/1, Error ellipse: s-maj=7.6km s-min=6.7km az=142.2

NEIC 02 05:22:32.0 0.6, 13.42N:125.36E, h35km, mb4.1/3, Error ellipse: s-maj=29.4km s-min=12.5km az=69.0

ISC 02 05:22:31.7 0.7, 13.44N:125.25E:0.08, h33km, n35, +0.95/30, mb4.0/15, 2C-1D, Philippine Islands region

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

1.0nm,0.8s,baz=76,slow=4.2,SNR=3.5

KRSC 02 05:32:43.5 6.6, 49.70N:156.70E, h11km, 11km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Severo-Kuril's, Pauzhetka, Mutnovka, etc.

ISCJB 02 05:32:59.0 0.6, 8.55N:101.67E:89E:0.04, h10km, mb4.1/16, MS3.6/10, Error ellipse: s-maj=14.7km s-min=6.4km az=178.2

IDC 02 05:32:59.6 0.9, 8.63S:67.68E, h0km, mb3.8/11, mb1.3/9.11, mb1mx3.7/30, mbtmp3.8/11, MS3.6/10, Ms1.3/6.10, ms1mx3.3/37, Error ellipse: s-maj=25.8km s-min=21.9km az=36.0

NEIC 02 05:33:01.4 0.5, 8.57S:67.65E, h10km, mb4.6/5, Error ellipse: s-maj=17.6km s-min=14.1km az=30.0

ISC 02 05:33:01.7 0.7, 8.65S:67.86E:0.08, h10km, n46, +1.95/32, mb4.0/16, MS3.7/10, Mid-Indian Ridge

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

IDC 02 05:33:01.4 0.5, 8.57S:67.65E, h10km, mb4.6/5, Error ellipse: s-maj=17.6km s-min=14.1km az=30.0

ISC 02 05:33:01.7 0.7, 8.65S:67.86E:0.08, h10km, n46, +1.95/32, mb4.0/16, MS3.7/10, Mid-Indian Ridge

ISCJB 02 05:43:19.8 0.7, 45.45N:102.82E:42E:0.06, h6km, n12, +1.92/19, mb3.6/4, Kazakhstan-Xinjiang border region

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

Table with columns: BVAR, Borovoye Array, 18.11 40 P, P, 05 24 59.7 +0.6. Includes various station codes and coordinates.

IDC 02 05:43:30.2 1.0, 34.35N:26.18E, h0km, mb4.1/13, mb1.4/11, mb1mx4.0/33, mbtmp4.1/18, ML3.8/5, MS3.1/1, Ms1.3/1.1, ms1mx2.2/38, Error ellipse: s-maj=21.8km s-min=15.1km az=8.0

CSEM 02 05:43:33.6 0.2, 34.21N:26.28E, h20km, ML3.4/1, Error ellipse: s-maj=5.2km s-min=2.8km az=23.0

ISCJB 02 05:43:33.1 0.3, 34.16N:0.03:26.32E:0.02, h50km, 6km, mb4.0/13, MS3.1/1, Error ellipse: s-maj=4.8km s-min=2.9km az=18.5

ATL 02 05:43:34.1, 34.28N:26.20E, h29km, 2km, MD3.8/17, THE 02 05:43:37.9, 34.46N:26.13E, h11km, 2km, ML3.4/1, Error ellipse: s-maj=2.3km s-min=1.1km az=319.0

NIC 02 05:43:39.0 1.0, 34.67N:26.61E, h36km, mb4.4, ML3.9, MW3.8

ISK 02 05:43:39.6, 34.76N:26.28E, h41km, ML3.9

NSCC 02 05:43:44.5 2.1, 34.04N:27.65E, h0km, 2.4km, MD2.5, ML3.2

ISC 02 05:43:33.8 1.4, 34.20N:0.04:26.28E:0.03, h30km, 11km, n196, +1.93/22, mb3.9/13, 1D, Crete

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

IDC 02 05:43:39.0 1.0, 34.67N:26.61E, h36km, mb4.4, ML3.9, MW3.8

ISC 02 05:43:33.8 1.4, 34.20N:0.04:26.28E:0.03, h30km, 11km, n196, +1.93/22, mb3.9/13, 1D, Crete

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



Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BLCB, IZM, ANTB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AKASG, GERES, DAVOX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like DHRM, Western Gulf of Aden, LBSOS, etc.

IDC 02 06:50:03.1; 1.0; 6.92S; 131.69E, h0km, mb4.0/6, mb1 4.2/9, mb1mx4.0/18, mb1tmp4.0/9, ML4.2/3, Error ellipse: s-maj=45.2km s-min=22.2km az=79.0

ISC/JB 02 06:50:05.7; 0.6; 7.02S; 0.05; 132.1E; 0.1; 2.1, h35km, mb3.9/6, Error ellipse: s-maj=22.2km s-min=6.8km az=177.1

AUST 02 06:50:06.5; 6.96S; 132.05E, h35km, ISC 02 06:50:06.7; 0.7; 7.11S; 0.06; 132.2E; 0.1; h35km, n20, r135/17, mb3.9/6, Tanimbar Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TLE, FAKU, KADU, etc.

ATH 02 06:56:15.9; 39.52N; 27.17E, h28km, 1km, MD3.1/5, DDA 02 06:56:16.6; 39.56N; 27.12E, h7km, MD3.0

ISC/JB 02 06:56:16.7; 0.5; 39.57N; 0.02; 27.06E; 0.02; h3km, 3km, Error ellipse: s-maj=2.8km s-min=2.6km az=30.9

ISC/JB 02 06:56:17.3; 0.1; 39.57N; 27.06E, h8km, MD3.0, Error ellipse: s-maj=2.0km s-min=2.0km az=92.0

THE 02 06:56:18.0; 39.58N; 27.12E, h6km, 1km, ML2.9/5, Error ellipse: s-maj=1.4km s-min=0.6km az=230.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AYVA, AYVA, AYVA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like RKY, SART, SART, etc.

DHRM 02 07:10:38.5; 0.3; 12.45N; 45.83E, h8km, 29km, ML3.5, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like LBSOS, LBSOS, BDHA, etc.

IDC 02 07:16:56.0; 3.5; 18.92N; 145.74E, h182km, 32km, mb3.5/15, mb1 3.7/17, mb1mx3.6/30, mb1tmp4.1/17, MS2.9/1, Ms1 2.9/1, ms1mx2.3/27, Error ellipse: s-maj=26.9km s-min=12.2km az=91.0

ISC/JB 02 07:16:58.0; 0.7; 18.96N; 0.08; 145.6E; 0.2; h214km, mb3.7/15, Error ellipse: s-maj=26.3km s-min=11.8km az=177.6

ISC 02 07:16:59.4; 0.9; 18.9N; 0.01; 145.7E; 0.2; h214km, n24, r085/15, mb3.9/15, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like JCJ, MJAR, H1S3, etc.

Summary table for 2d 7h with columns: Station, Name, Az, El, SNR, P, Res, Time, Res

ICD 02:07:28.8:0.6,36:29N:1.66E, h0km, mb4.2/2.1, mb1 4.3/28, mb1mx4.2/39, mbmp4.2/28, ML4.1/7, MS3.2/13, Ms1 3.2/13, ms1mx3.0/43, Error ellipse: s-maj=16.5km s-min=13.4km az=153.0

Algeria

Main station list for Algeria with columns: Code, Station Name, Az, El, SNR, P, Res, Time, Res

Main station list for 2009 NOV with columns: Station Name, Az, El, SNR, P, Res, Time, Res

Main station list for page 40 with columns: Station Name, Az, El, SNR, P, Res, Time, Res



Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OBNSK, LIC, BORG, KLMR, JMIC, ARCES, ARU, BRVK, ABKAR, SVE, SVS, EKXS, EKSZ, AAK, KURK, RES, ZAAO, MKAR, TIXI, ULM, BOS, YKA, ZAK, ZAK, SONM, ULN, YAK, YAK, DAWY, IMA2, ILAR, K22A, BSMT, PDAR, MCMT, CPUP, LPAZ, TXAR, CMAR, WRA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, WRAB, ASAR, CTA, CTAO, STKA, MKAR.

IDC 02 07:30:49.6:1.8, 2.00N:128.09E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/22, mbtmp4.1/5, ML4.6/1, Error ellipse: s-maj=55.8km s-min=26.5km az=64.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPI, WRA, ASAR, STKA, MKAR.

KRSC 02 07:34:56.9:7.0, 49.29N:156.04E, h10km, 10km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR, PAU, MTRV, RUS, RUS, UGLR, KOK, SDLR, KRX.

CASC 02 08:18:47.3:2.0, 13.99N:91.61W, h38km, 39km, MD3.6, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAT, FUG, POG, PCG, NGB, RBDL, RTR, SBL, SNJE, BOQS, LFU, LFRS, LBRS.

NIED 02 08:21:00.29:1.0N, 130.00E, h35km, Mw4.2 Best double couple: M02 590000:1015 NP1:~41.00000: 872.00000, 1.84.00000, NP2:~238.00000: 819.00000, 1.106.00000

ISCJB 02 08:21:33.3:0.5, 29.15N:0.04:129.9E:0.1, h34km, mb3.6/1.0, MS3.2/7, Error ellipse: s-maj=14.3km s-min=4.3km az=11.8

JMA 02 08:21:33.4:0.1, 29.11N:129.98E, h55km, M4.1, JMA Felt J1

IDC 02 08:21:35.9:3.2, 29.05N:129.87E, h61km, 29km, mb3.4/1.0, mb1 3.7/1.2, mb1mx3.6/27, mbtmp3.7/12, ML3.3, 12, MS3.4/1.0, Ms1 3.4/1.0, ms1mx3.2/30, Error ellipse: s-maj=30.4km s-min=18.3km az=77.0

ISC 02 08:21:33.4:0.7, 28.10N:0.04:129.8E:0.1, h34km, n26, -0.92/2.1, mb3.7/1.0, MS3.2/7, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAM, JMN, JZK, JMC, JKC, JTK, JNU, KSRS, MJAR, USRK, ASAJ, SONM, SONM, CMAR, PETK, MKAR, ZALV, ZALV, PMG, WRA, BVAR, ASAR, AKTO, ILAR, FINES, YKA, NVAR, PDAR.

GUC 02 08:33:18.8:0.5, 23.12S:70.77W, h42km, 21km, MD3.9, ML3.1, 3C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CEN1, CEN1, CEN1, SKR, SKR.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ANCH, ANCH, ANCH, MACH, PB07, PB07, PB01, PB01, PSCG, PSCG, MNMC.

IDC 02 08:34:09.7:5.1, 0, 17.44S:174.24W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/20, mbtmp4.1/3, Error ellipse: s-maj=970.7km s-min=177.3km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA, WRA, ASAR.

PRE 02 08:34:52.8:1.9, 0.53N:30.37E, h10km, ML3.5, 1C, Uganda

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MBAR, KIG, KIG, KIG, KIMBO, KIMBO.

ASRS 02 08:35:42.9:1.1, 47.29N:84.71E, h15km, Ms3.0/3, ISCJB 02 08:35:43.3:1.4, 47.41N:0.06:83.5E:0.2, h9km, Error ellipse: s-maj=17.7km s-min=6.4km az=23.6

MOS 02 08:35:49.2:0.4, 47.33N:82.99E, h52km, mb4.3/1, Error ellipse: s-maj=16.3km s-min=10.9km az=98.4

B/JI 02 08:35:49.1, 47.35N:83.06E, h6km, ML3.5/6, ISC 02 08:35:49.9:0.4, 47.34N:0.04:83.38E:0.06, h9km, n17, -1.980/2.1, D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MK31, MK31, MK31, UKR, UKR, UKR, UKR, AKAR, KURK, KURK, WMQ, WMQ, WMQ, TKM2, TKM2, NVS, NVS, NVS, NVS, AAK, AAK, AAK, VOSK, VOSK, VOSK, KK31, KK31, KK31, BVAO, BVAO, BVAO, BRVK, BRVK, ZAK, ZAK, ARU, ARU, ARU, OBN.

IDC 02 09:00:52.6:6.0, 28.70N:138.62E, h324km, 80km, mb3.0/3, mb1 3.2/4, mb1mx2.8/24, mbtmp3.1/4, Error ellipse: s-maj=142.1km s-min=24.3km az=85.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JCJ, JCJ, WRA, ASAR, FINES, IDC 02 09:16:49.8:0.6, 47.30N:153.76E, h0km, mb4.1/23, mb1 4.3/28, mb1mx4.3/33, mbtmp4.1/28, ML3.8/4, MS3.3/9, Ms1 3.3/9, s-maj=27.9km s-min=9.5km az=145.0, ISCJB 02 09:16:52.5:0.3, 47.30N:0.05:153.94E:0.06, h31km, mb4.3/3.5, MS3.1/7, Error ellipse: s-maj=8.3km s-min=3.4km az=144.0, MOS 02 09:16:53.0:1.6, 47.37N:153.91E, h32km, mb4.4/19, Error ellipse: s-maj=10.9km s-min=7.1km az=63.8, NEIC 02 09:16:54.7:0.4, 47.27N:153.83E, h35km, mb4.8/6, Error ellipse: s-maj=11.7km s-min=5.8km az=141.0, SKHL 02 09:16:56.1:4.1, 47.30N:154.10E, h62km, 6km, mb4.8/7, ms4.6/1, ISC 02 09:16:54.5:0.5, 47.30N:0.07:153.93E:0.06, h31km, n137, -1.960/1.20, mb4.3/35, MS3.2/7, 4C-2D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR, SKR.

Table with columns: SKR, comp=N, 160nm, 0.4s, pmax, pmax, 09 17 43.0 -6.2, etc.

Table with columns: COLA College, comp=N, 18nm, 0.8s, 35.36, 39, eP, P, 09 23 45.8 -0.9, etc.

Table with columns: 1.40.00000°, NP2:88.60000°, δ51.00000°, λ162.00000°, MOS 02:09:20:36.4... Error ellipse: s-maj=1.31km s-min=6.9km az=104.4, etc.

Table with columns: AAK, FITZ, WRA, BRVK, ILAR, KKAR, AS31, ASAR, INK, ARU, ABKAR, RES, ARCES, OBN, KAF, FINES, RAO, KBZ, NEW, NB2, NOA, NVAR, KONO, FRB, PDAR, BRTR, BORG, CLL, GERES, TXAR, TORD, BOSA, ATAH, LPAZ, MEX 02 09:49:51.1, COAST OF MICHOACAN. Columns include Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values.

Table with columns: BBGH, MCLT, HLS, BHT, SVB, SSV, SSV, SSV, MVM, LPMF, ZAM, FDF. Columns include Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values.

GUC 02 10:42:07.5, 0.2271 N, 68.36 W, h156km, 11km, ML3.5, 4C-50, Northern Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Plate Boundary, Los Morros, Antofagasta, Plate Boundary, Humberstone, Pisagua, and Minimini.

HEL 02 10:42:43.8, 0.5, 60.12N, 30.71E, hOkm, ML1.8, Explosion
ISCJB 02 10:42:46.1, 1.0, 60.35N, 0.05-30.3E, 0.1, hOkm, mb4.1/1, Error ellipse: s-maj=7.7km s-min=6.6km az=147.0

ISC 02 10:42:48.1, 1.3, 60.34N, 0.05-30.28E, 0.07, hOkm, n17, m1 3.6/4, mb1mx3.3/2.6, mb1mx3.6/4, ML2.8/3, Error ellipse: s-maj=19.8km s-min=11.9km az=14.0

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Virojoki, Pernaja, FINESS Array S, FINESS Array B, FINESS Array C, VSU, and KANGASNIEMI.

ISCJB 02 10:46:45.8, 2.3, 27.87N, 0.04: 127.75E, 0.05, h6km, 16km, mb3.7/5, Error ellipse: s-maj=8.3km s-min=6.6km az=17.8

JMA 02 10:46:46.7, 0.3, 27.86N, 127.76E, h1km, M3.4, IDG 02 10:46:47.0, 1.2, 27.90N, 127.08E, hOkm, mb3.8/5, mb1 4.0/7, mb1mx3.8/2.9, mb1mx3.9/7, ML3.5/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/5.1, Error ellipse: s-maj=42.7km s-min=19.4km az=77.0

ISC 02 10:46:47.1, 1.7, 27.81N, 0.06: 127.82E, 0.07, h14km, 13km, n15, 0:69/118, mb3.7/5, Ryukyu Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Iheya, Tokunoshima, Kunigami, Amaminishikomi, and Amami Oshima.

Table with columns: JNU, USRK, SONM, MKAR, KURBE, FITZ, WRA. Columns include Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values.

BJI 02 10:47:11.9, 24.09S, 175.11W, h6km, mB6.5/61, mb6.0/55, MS6.3/71, MS7.6/62, ISCJB 02 10:47:12.1, 0.1, 24.12S, 0.03: 175.21W, 0.02, h10km, mb6.1/275, MS6.1/255, Error ellipse: s-maj=4.8km s-min=2.4km az=161.5

NEIC 02 10:47:13.2, 0.1, 24.12S, 175.17W, h9km, mb6.1/206, ME6.2, MS6.1/155, MW6.1, MW6.2, Error ellipse: s-maj=4.1km s-min=2.7km az=149.0, Moment Tensor Solution. s60 Moment tensor: Scale 10^18Nm; Mr=2.17; Mxx0.41; Mxy1.76; Mxz0.47; Mxx0.48; Myx0.67; Best double couple: Mx2.0000e+10^18 Np1.5e13.0000e+03; s35.0000e+03, lambda-99.0000e+03; NP2: 0.204, 0.0000e+03, lambda-84.0000e+03; Principal axes: T 2.0600, Plg10.0000e+03; Azm289.0000e+03; N 0.2800, Plg4.0000e+03; Azm20.0000e+03; -2.3400, Plg7.0000e+03; Azm134.0000e+03; Broadband fault plane solution: P waves: NP1: 190.0000e+03, 0.65.0000e+03, lambda-90.0000e+03; NP2: 190.0000e+03, 0.75.0000e+03; Azm280.0000e+03; N Plg0.0000e+03; Azm0.0000e+03; Plg60.0000e+03; Azm100.0000e+03; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

DJA 02 10:47:14.0, 4.0, 2.24S, 171.5W, h13km, M6.2/21, mb6.2/21, mb6.4/20, Mw(mb)6.2/20 BGS 02 10:47:14.1, 2.4, 2.4, 125x175, h10km, MS6.4 MOS 02 10:47:16.7, 1.2, 24.05S, 175.33W, h39km, mb6.2/73, MS6.2/64, Error ellipse: s-maj=10.0km s-min=7.6km az=107.9

GCMT 02 10:47:17.3, 0.1, 24.22S, 174.75W, h12km, MW6.1, Moment Tensor Solution. s120, c269; s99, c163; Moment tensor: Scale 10^18Nm; Mr=1.76t, 0.15; Mxx0.25t, 0.1; Mxy1.50t, 0.1; Mxz0.23t, 0.2; Mxx0.49t, 0.1; Mxy0.34t, 0.2; Best double couple: Mo1.80000e+10^18 Np1.5e20.0000e+03, lambda-86.0000e+03; NP2: 0.16, 0.0000e+03, lambda-95.0000e+03; Principal axes: T 1.7100, Plg6.0000e+03; Azm289.0000e+03; N 0.0900, Plg3.0000e+03; Azm20.0000e+03; P -1.8100, Plg3.0000e+03; Azm135.0000e+03; Surface waves: s1a=134; comp=313, perf=50. IDG 02 10:47:18.2, 1.9, 24.05S, 175.27W, h39km, 15km, mb5.6/41, mb1 5.7/41, mb1mx5.7/41, mb1mx5.8/41, ML6.6/1, MS6.0/32, Ms1 6.0/32, ms1mx5.9/42, Error ellipse: s-maj=12.1km s-min=8.0km az=164.0

NEIC 02 10:47:35.7, 0.0, 23.81S, 174.71W, h10km, Moment Tensor Solution. s158 Moment tensor: Scale 10^18Nm; Mr=1.93; Mxx0.35; Mxy1.58; Mxz0.40; Mxx0.54; Myx0.15; Best double couple: Mo1.90000e+10^18 Np1.5e192.0000e+03, lambda-78.0000e+03; NP2: 0.29, 0.0000e+03; Azm29.0000e+03, lambda-78.0000e+03; Principal axes: T 1.8000, Plg4.0000e+03; Azm11.0000e+03; N 0.2000, Plg8.0000e+03; Azm20.0000e+03; P -2.0000, Plg6.0000e+03; Azm354.0000e+03; ISC 02 10:47:44.0, 0.3, 24.155S, 0.04: 175.09W, 0.03, h14km, 1km, h14km, P: P1, n187, e1818/2041, mb6.1/274, MS6.1/256, 323C-266D, South of Tonga Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Raoul Island, Raoul Island, Nonsavu, Nonsavu, Afi, Afi, RAR, RARotonga, RARarotonga, RARarotonga, RARarotonga, RARarotonga, RARarotonga.

MEX 02 09:49:51.1, 0.7, 18.11N, 103.41W, h5km, MD3.7, Near coast of Michoacan

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Aquila, Luwuk, Cibinong, Sorong, Gorontalo, Ampaña, Marisa.

IDC 02 10:15:29.1, 29.0, 19.15S, 176.02W, hOkm, mb4.0/4, mb1 4.2/4, mb1mx3.7/20, mb1mx4.0/4, Error ellipse: s-maj=563.1km s-min=141.8km az=88.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, Fitzroy Crossi, Ampaña, Marisa, Warramunga Arr.

TRN 02 10:34:03.8, 12.90N, 59.07W, h75km, MD3.6, 1D, Windward Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, and ISC values. Includes stations like Iheya, Tokunoshima, Kunigami, Amaminishikomi, Amami Oshima, Kume jima 2.







Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like Y21A Point of Rocks, W20A Ramon, L70A Liberty, etc.

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like 124A Stringfield Ra, 426A McDonald Obser, SPUT South Promonto, etc.

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like O19A Miners Draw, P20A De Beque, 429A Deerport Ranc, etc.

2d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Eagle, Houchin Ranch, Tequesta Ra, Paxson, etc.

2009 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Dot Lake, Meeteetse, Roby, Thompson Grove, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like Grover, 9 Mile Ranch, Rath Farm, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Dighton, Biddle, Ogallala, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Baker, Chengdu, Woolen Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSU1, Carson, Onida, etc.

2d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRAL, IMP, AGMN, LRAL, SIUC, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like WMQ, WMO, WMC, WML, etc.

50

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



2d 10h

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIS Kishinev, L'vov, Yr Eff, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL comp=Z,99nm,1.3s, SWN1 Swindon, EFOR EFORIE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CSS Prodromos, PRU Pruhonice, PSZ Piszkesteto, etc.

Table with columns: FLN, comp=Z, 10um, 21.0s, eR, PKP, PKPpdf, 11 07 06.8 +0.3, etc. Lists various astronomical objects and their properties.

Table with columns: TCF, Toulx Ste Croi, 157.80, 5 ePKIKP, PKP, PKPpdf, 11 07 10.7 +0.5, etc. Lists various astronomical objects and their properties.

Table with columns: AQU, comp=Z, 5.0um, 20.0s, LR, LR, PKP, PKPpdf, 11 07 14.2 +0.6, etc. Lists various astronomical objects and their properties.

2d 12h

Table with columns TAM, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include Tamarrasset and other stations.

VIE 02 10:48:56.9,0.4,46.59N;9.44E, h5km, ML1.5/2, Error ellipse: s-maj=3.4km s-min=1.2km az=124.0 13 km SW of Tienelencastel

CSEM 02 10:48:57.2,0.5,46.58N;9.46E, h1km, ML1.2/4, Error ellipse: s-maj=1.5km s-min=3.4km az=118.0, Suspected Mining explosion.

ZUR 02 10:48:56.9,46.55N;9.44E, h0km, ML1.2/4, 8C, Suspected Mining explosion, Switzerland

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include VDL, DAVOX, BERNI, FUORNI, FETA, and others.

AUST 02 11:00:55.4,27.01S;178.20W, h300km, Error ellipse: s-maj=29.1km s-min=15.9km az=40.0

ISC 02 11:00:54.7,1.3,26.6S;0.178,4W,0.2, h300km, n26, s-maj=28.8, mb3.97, South of Fiji Islands

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO, URZ, DZM, LHI, EQS, CTM, STKA, HAT, WRA, FORT, KDU, MTN, KNRA, Vnda, FITZ, KLB, MEEK, MORW, MAW, AKASG, BRTR, TOR, and others.

ISC/JB 02 11:03:43.2,0.6,18.71N;0.07;145.5E;0.1, h214km, mb3.6/15, Error ellipse: s-maj=18.4km s-min=9.6km az=173.0

ISC 02 11:03:48.7,3.3,18.71N;145.44E, h254km, 33km, mb3.4/15, mb1.3/6/17, mb1mx3.6/18, mbtmp3.6/17, Error ellipse: s-maj=24.7km s-min=10.1km az=104.0

ISC 02 11:03:44.6,0.8,18.78N;0.10;145.4E;0.2, h214km, n17, s-maj=17, mb3.7/15, Mariana Islands

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JJC, MJAR, PETK, SONM, ILAR, INK, YBH, RES, NEW, NVAR, ELK, and FINESS.

2009 NOV

4.9nm, 1.0s, baz=64, slow=5.5, SNR=3.2

ISC 02 11:13:11.0,2.2,23.78S;175.60W, h0km, mb4.6/6, mb1.4/6/7, mb1mx4.2/23, mbtmp4.5/7, ML4.2/1, Error ellipse: s-maj=59.4km s-min=40.8km az=144.0

ISC 02 11:13:09.4,2.7,23.9S;0.2;177.7W;0.4, h35km, n9, s-maj=82, mb4.5/6, Tonga Islands region

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ, CTA, PMG, ASAR, WRA, FITZ, CMAR, AKASG, BRTR, and others.

ISC 02 11:17:42.7,6.9,21.09S;175.62E, h0km, mb3.7/2, mb1.4/0/2, Error ellipse: s-maj=248.6km s-min=113.6km az=158.0, South of Fiji Islands

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR, WRA, BRTR, and others.

ISC/JB 02 11:32:28.5,0.5,0.15N;0.07;122.11E;0.09, h202km, mb3.2/6, Error ellipse: s-maj=13.3km s-min=8.0km az=147.0

ISC 02 11:32:29.7,3.0,0.05N;122.01E, h199km, 75km, mb3.0/6, mb1.3/2/7, mb1mx3.6/18, mbtmp3.0/7, Error ellipse: s-maj=74.8km s-min=17.8km az=66.0

DJA 02 11:32:31.9,0.8,0.01S;172.12E;1.1, h172km, 7km, M3.5/5, MLV3.5/5

ISC 02 11:32:29.5,0.7,0.8N;108.122;13E;0.09, h202km, n14, s-maj=139, mb3.4/6, Minahassa Peninsula, Sulawesi

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MRSI, GTOI, APSI, LUWI, TOLI, KMSI, FITZ, WRA, ASAR, STKA, SONM, KURBB, ILAR, and others.

ISC 02 11:34:03.0,0.8,24.23S;175.31W, h0km, mb4.2/11, mb1.4/4/12, mb1mx4.3/22, mbtmp4.2/12, ML3.6/1, Error ellipse: s-maj=26.3km s-min=21.1km az=141.0

ISC/JB 02 11:34:04.5,0.7,24.29S;0.09;175.4W;0.1, h19km, mb4.2/12, Error ellipse: s-maj=16.0km s-min=13.6km az=54.0

NEIC 02 11:34:04.3,0.6,24.21S;175.20W, h10km, mb4.7/2, Error ellipse: s-maj=16.1km s-min=11.7km az=117.0

ISC 02 11:34:06.3,0.7,24.28S;0.1;175.3W;0.1, h19km, n32, s-maj=85, mb3.2, mb4.5/2, South of Tonga Islands

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSVF, AFI, URZ, CTA, AS31, ASAR, WRA, Vnda, FITZ, QSPA, PETK, NVAR, TXAR, ILAR, CMAR, BRTR, BRTR, BRTR, BRG, and others.

ISC 02 11:51:11.8,0.7,14.9S;0.2;66.8E;0.1, h16km, n21, s-maj=12, mb4.0/12, Mid-Indian Ridge

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H08S1, H08S2, H08S3, KMBO, LBTB, BOS, CMAR, H01W3, H01W2, H01W1, BRTR, MKAR, ASAR, WRA, ZALV, SONM, Vnda, ESDC, PDAR, PDAR, NVAR, TXAR, and others.

ISC/JB 02 11:53:22.9,0.8,9.15S;0.06;127.0E;0.1, h33km, mb3.8/3, Error ellipse: s-maj=14.9km s-min=7.8km az=172.5

AUST 02 11:53:26.8,9.49S;127.04E, h0km, Error ellipse: s-maj=14.9km s-min=7.8km az=172.5

ISC 02 11:53:28.7,7.5,9.27S;127.23E, h93km, 84km, mb3.6/3, mb1.3/8/6, mb1mx3.5/20, mbtmp3.6/6, ML3.9/3, Error ellipse: s-maj=57.4km s-min=36.5km az=31.0

ISC 02 11:53:26.2,0.9,15.0S;0.07;127.10E;0.10, h35km, n13, s-maj=14, mb3.9/3, Timor Sea

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BNDI, MTN, KDU, KNRA, FAKI, FITZ, WRA, WRA, ASAR, MEEK, CMAR, MKAR, ZALV, and others.

WEL 02 12:03:21.9,0.4,41.94S;177.87E, h33km, ML3.6/13, SC7.0, Error ellipse: s-maj=5.5km s-min=2.3km az=90.0, Off east coast of North Island

Table with columns Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TMWZ, TRWZ, BFZ, ANWZ, TIWZ, PRWZ, PLWZ, MSWZ, PXWZ, KHZ, MRZ, MRZ, PHZ, POWZ, CAW, CAW, CAH, CAW, CAW, KAH, OVAZ, KHZ, TSZ, TCHZ, MWZ, WHZ, NMHZ, BKZ, TOWZ, MOVZ, RAHZ, WAZ, WAZ, WNVZ, MTWZ, TVUZ, WHVZ, TRWZ, and others.





Table with columns: TXAR (Call Sign), Frequency, Power, Mode, SNR, and other details. Includes entries like Lajitas Array, Sterling City, Haskell, Roby, Alamo Creek Sta, etc.

Table with columns: TXAR (Call Sign), Frequency, Power, Mode, SNR, and other details. Includes entries like Plains, X26A, 223A, Mesa, Roswell, Sheeppen Canyo, etc.

Table with columns: TXAR (Call Sign), Frequency, Power, Mode, SNR, and other details. Includes entries like W21A San Fidel, R25A Fountain Ranch, V22A San Miguel Ranch, etc.

Table with 24 columns: Station ID, Station Name, Frequency, Power, Direction, and Signal strength. Columns 1-24 contain data for various stations including Mohawk Valley, H17A Grant Village, D21A La Casta Ranch, etc.

2d 13h

Table of seismic events with columns for station, magnitude, depth, location, time, and other parameters. Includes stations like TIC, LIC, PBAR, POLO, DBIC, etc.

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Table of seismic events with columns for station, magnitude, depth, location, time, and other parameters. Includes stations like HHC, STKA, LZH, CD2, etc.

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Table of seismic events with columns for station, magnitude, depth, location, time, and other parameters. Includes stations like MTSU, CMAR, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRMA Marmari, LPK Lapseki, BALB Balikesir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AYVA Ayvalik, BALLY Balya, BALB Balikesir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI Soe, TLE Tual, FAKI Fak Fak, etc.

ISCJB 02 14:07:47.8; 1.0, 36; 15N; 0.05; 28; 85E; 0.04, h6km, 5km, Error ellipse: s-maj=8.4km s-min=5.0km az=19.3

CSEM 02 14:07:48.6; 0.3, 36; 18N; 28; 89E; h8km, MD3.6, Error ellipse: s-maj=6.8km s-min=3.4km az=12.0

DDA 02 14:07:49.2; 0.36; 29N; 28; 90E; h8km, MD3.5 Error ellipse: s-maj=6.8km s-min=3.4km az=12.0

ISC 02 14:07:49.2; 1.4, 36; 21N; 0.05; 28; 88E; 0.03, h10km, gkm, n50, c054/68, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FETY Fethiye, AKAS Kas, DALY Dalryan, etc.

ISC 02 14:14:05.0; 4.3, 16; 04S; 172; 33W; h0km, mb3.4/3, mb1.3/7.5, mb1mx3.6/21, mbtm3.6/5, Error ellipse: s-maj=151.5km s-min=26.2km az=130.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

ISK 02 13:16:38.8, 39; 57N; 27; 12E, h5km, MD3.1 DDA 02 13:16:38.8, 39; 56N; 27; 12E, h19km, MD3.3 CSEM 02 13:16:39.0; 0.1, 39; 56N; 27; 08E, h5km, MD3.3, Error ellipse: s-maj=2.6km s-min=2.4km az=82.0

MEX 02 13:20:37.6; 0.6, 18; 72N; 101; 99W, h73km, gkm, MD3.9, Guerrero URUU Uruapan, ZIIG Zihuatajejo, MOIG Morelia, etc.

ISC 02 14:26:41.3; 1.9, 9; 58S; 119; 28E, h0km, mb3.6/1, mb1.3/7.5, mb1mx3.5/22, mbtm3.6/5, MD3.5/4, Error ellipse: s-maj=82.0km s-min=23.0km az=59.0

20e17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for SOEI, KAPI, UGM, FITZ, KNRA, MTN, KAKADU, WRA, ASAR, MKAR.

ISCJB 02 14:54:19.3; 1.2, 24:24S; 0.07x175.0W; 0.2, h24km, mb4.4/9, Error ellipse: s-maj=27.7km s-min=9.2km az=13.9

IDC 02 14:54:19.5; 1.4, 24:14S; 0.17x28W, h0km, mb4.5/7, mb1 4.6/8, mb1mx4.2/20, mbtmp4.5/8, ML4.9/1, Error ellipse: s-maj=43.1km s-min=23.3km az=130.0

NEIC 02 14:54:20.0; 1.1, 24:38S; 175.08W, h10km, mb4.6/2, Error ellipse: s-maj=25.1km s-min=16.9km az=105.0

AUST 02 14:54:39.2; 22:69S; 174.81W, h200km, ISC 02 14:54:22.1; 0.9, 24:21S; 0.08x175.0W; 0.2, h24km, n33, e148/39, mb4.4/9, South of Tonga Islands

Main table for 20e17h section, listing various stations like RAOU, MOUNT, STKA, ASAR, WRA, KUDU, FITZ, LUWI, PETK, ILAR, CMAR, MKAR, BRTR, TORDI, etc.

IDC 02 14:58:40.1; 2.0, 22:59S; 176.35W, h0km, mb4.3/4, mb1 4.5/4, mb1mx4.0/20, mbtmp4.3/4, Error ellipse: s-maj=76.2km s-min=43.0km az=7.0, South of Fiji Islands

Table for 20e17h section, listing stations like DZM, TBI, PPT2, CTA, ASAR, WRA, CMAR, BRTR, TORDI.

AUST 02 14:59:41.6; 24:17S; 174.63W, h20km, IDC 02 14:59:44.7; 2.3, 23:39S; 175.57W, h0km, mb4.2/4, mb1 4.5/4, mb1mx4.0/20, mbtmp4.2/4, Error ellipse: s-maj=150.7km s-min=20.0km az=158.0

ISC 02 14:59:48.2; 2.1, 23:35S; 0.16x175.3W; 0.3, h30km, n12, e140/13, mb4.4/4, Tonga Islands region

Table for 20e17h section, listing stations like NIUE, CTA, MTSU, ASAR, WRA, BRTR, WRA, KDU, MTN, KNRA, FITZ.

2009 NOV

Table for 2009 NOV section, listing stations like SWI, NVAR, BRTR, IDC 02 15:44:10.7; 12.0, 58:97S; 25:71W, h172km, n111km, mb3.6/4, mb1 3.8/4, mb1mx3.4/16, mbtmp3.6/4, Error ellipse: s-maj=5.5km s-min=27.0km az=104.0, South Sandwich Islands region

IDC 02 15:53:23.6; 9.6, 20:99S; 179.04W, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.8/17, mbtmp4.0/3, MS3.9/2, Ms1 3.9/2, ms1mx3.0/23, Error ellipse: s-maj=290.2km s-min=91.1km az=136.0, Fiji Islands region

Table for 2009 NOV section, listing stations like ASAR, WRA, VNDA, QSPA, CMAR, ILAR.

NDI 02 16:13:38.0; 2.7, 27:52N; 88.75E, h10km, mb3.5/4, IDC 02 16:13:44.0; 2.0, 27:04N; 89.42E, h0km, mb3.1/5, mb1 3.3/5, mb1mx3.2/27, mbtmp3.2/5, Error ellipse: s-maj=82.6km s-min=21.8km az=67.0

ISC 02 16:13:39.8; 1.0, 27:39N; 0.07x87.8E; 0.05, h10km, n13, e199/11, mb3.4/4, 1D, Sikkim

Main table for 2009 NOV section, listing various stations like GTK, SHL, IMP, JBP, SONA, KUDL, KUDL, MKAR, KURBB, SONM, WRA, ASAR.

ISCJB 02 16:18:15.7; 0.7, 38:43N; 0.03x39.07E; 0.04, h1km, 6km, Error ellipse: s-maj=5.3km s-min=4.2km az=151.8

ISC 02 16:18:15.3; 1.4, 38:40N; 0.03x39.06E; 0.03, h6km, n13km, n26, e64/40, Turkey

Main table for 2009 NOV section, listing various stations like PTK, AKCD, KEMA, URFU, ILIC, BINT, DARE, ERZN, EZC, BNGB, MAZI, MAZI, MARD, KELT, KELT, MAZI, BEST, SVSK, SVSK.

IDC 02 16:40:50.5; 1.4, 2:76N; 127.47E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.7/23, mbtmp3.9/6, Error ellipse: s-maj=100.3km s-min=17.4km az=69.0

DJA 02 16:40:59.4; 3.4, 3:15N; 127.7E, h26km, 43km, M4, 1/7, mb4.2/3, mb4.6/1, MLV4.1/7, Mw(MB)3/1

ISC 02 16:40:58.9; 1.0, 2:56N; 0.07x127.11E; 0.08, h53km, n14, e157/17, mb3.9/5, Northern Malacca Sea

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Table for 60 section, listing stations like TNTI, TNGI, SGTI, LBMI, KMSI, GTOI, SWI, LUWI, NLAI, FITZ, WRA, ASAR, STKA, MKAR, KURBB.

IDC 02 16:52:57.2; 2.2, 6:23S; 130.38E, h0km, mb3.3/1, mb1 4.0/4, mb1mx3.6/18, mbtmp3.7/4, ML3.9/3, Error ellipse: s-maj=88.8km s-min=27.8km az=77.0

ISCJB 02 16:53:07.0; 0.8, 6:64S; 0.05x130.0E; 0.1, h104km, mb3.0/1, Error ellipse: s-maj=18.4km s-min=7.4km az=8.1

AUST 02 16:53:08.5; 1.0, 6:73S; 0.07x130.1E; 0.1, h104km, n13, e255/11, Banda Sea

Table for 60 section, listing stations like TLE, FAKI, SWI, MTN, KDU, KNRA, LUWI, FITZ, FITZ, WRA, WRA, ASAR, PPI, MKAR.

IDC 02 17:05:51.3; 0.8, 15:40S; 173:38W, h0km, mb4.0/8, mb1 4.4/9, mb1mx4.1/19, mbtmp4.0/8, Error ellipse: s-maj=47.1km s-min=19.1km az=143.0

ISCJB 02 17:05:55.2; 0.7, 15:45S; 0.2x173.5W; 0.2, h42km, mb4.0/8, Error ellipse: s-maj=40.7km s-min=16.8km az=142.4

ISC 02 17:05:57.3; 0.8, 15:45S; 0.2x173.4W; 0.2, h42km, n18, e089/11, mb3.9/8, Tonga Islands

Main table for 60 section, listing various stations like AFI, H1S2, H1S3, H1S1, H1N1, H1N2, STKA, WRA, ASAR, VNDA, NVAR, TXAR, PDAR, ILAR, KMBQ, GERES, BRTR.

ISCJB 02 17:06:13.7; 0.6, 23:12S; 0.05x68.77W; 0.06, h120km, 6km, mb3.8/2, Error ellipse: s-maj=9.4km s-min=7.6km az=17.6

IDC 02 17:06:13.3; 2.4, 23:19S; 68:50W, h89km, 21km, mb3.7/3, mb1 3.8/6, mb1mx3.6/19, mbtmp3.8/6, Error ellipse: s-maj=35.6km s-min=17.8km az=97.0

GUC 02 17:06:15.0; 3.0, 23:13S; 68:87W, h99km, 3km, ML4.2

ISC 02 17:06:15.1; 1.0, 23:18S; 0.06x68.70W; 0.06, h115km, 7km, n20, e208/24, 2C-2D, Northern Chile

Main table for 60 section, listing various stations like SPCH, PDAR, ILAR, KMBQ, GERES, BRTR, MACH, CENI, PB09, ANCH, ANCH, PB10, PB07, PB01, PB01, HMBC, LPAZ.



2d 18h

Table with columns: ID, Name, Az, El, P, Res, Res ISC. Includes entries like T27A Campo, W29A Amrillo, 131A Roby, etc.

2009 NOV

Table with columns: ID, Name, Az, El, P, Res, Res ISC. Includes entries like DPC Dobruska-Polom, DPC Dobra, OKC Ostrava-Kolmen, etc.

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Table with columns: ID, Name, Az, El, P, Res, Res ISC. Includes entries like NVAR Mina Array Bea, USRK Ussuriysk Arra, TXAR Lajitas Array, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin H, Rata Peaks, KEST, ASAR, ESDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYT, JHU, JYU, JYH, etc.

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

IDC 02 18:53:05.1 1.6, 7.09S, 128.32E, h0km, mb3.4/3, mb1 3.8/6, mb1mx3.6/20, mbtmp3.6/6, ML3.7/3, Error ellipse: s-maj=74.0km s-min=23.4km az=73.0

ERM Hiroka 9.33 277 Pn Pn 19 14 05.5 -1.1
ERMA Hiroka 9.33 277 Pn Pn 19 14 05.5 -1.1
ERMA Hiroka 9.33 277 Pn Pn 19 14 05.5 -1.1

AUST 02 19:16:39.5 15.0, 3.93S, 134.97E, h0km, Error ellipse: s-maj=2.0km s-min=1.0km az=250.0

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

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

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

IDC 02 19:04:17.4 1.2, 14.83S, 173.23W, h0km, mb4.3/3, mb1 6.5/4, mb1mx3.9/21, mbtmp4.5/4, ML4.3/1, Error ellipse: s-maj=65.7km s-min=18.6km az=155.0, Samoa Islands region

CMAR Chiang Mai Arr 38.93 312 P P 19 00 30.5 -0.2
CMAR Chiang Mai Arr 38.93 312 P P 19 00 30.5 -0.2

IDC 02 19:27:27.0 2.4, 32.51N, 115.90W, h0km, mb1 3.4/4, mb1mx3.3/26, mbtmp3.0/4, ML3.3/4, Error ellipse: s-maj=33.8km s-min=10.5km az=43.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, RAR, H1S2, H1S3, etc.

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

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

NIED 02 19:11:00.32 50N, 141.80E, h5km, Mw4.2 Best double couple: M2 22000, -105 NP1, 88 00000, 865 00000, 1.15 00000, NP2=6, 105 00000, 835 00000, 1.47 00000

ILAR Eielson Array 53.21 30 P P 19 21 10.4 +0.4
ILAR Eielson Array 53.21 30 P P 19 21 10.4 +0.4

MEX 02 19:27:31.9 0.7, 32.77N, 115.64W, h6km, 17km, MD4.3 ECX 02 19:27:32.0 0.8, 32.68N, 115.67W, h5km, MD4.1, ML4.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHU2, HJCU, BSO1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AB31, STKA, YKA, etc.

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

Table of astronomical observations with columns for name, magnitude, position, and other details.

Table of astronomical observations with columns for name, magnitude, position, and other details.

Table of astronomical observations with columns for name, magnitude, position, and other details.

Table with columns: ULM, Lac du Bonnet, 94.42, 39, LR, 20 27 14.4, etc. Includes various astronomical observations and coordinates.

Table with columns: USRK, Ussuriysk Arra, 8.69, 286, P, Pn, 19 46 35.1 +3.8, etc. Includes astronomical observations and coordinates.

Table with columns: PAYA, Chiengmai, 2.81, 256, S, Sb, 20 29 05.7 +0.3, etc. Includes astronomical observations and coordinates.

ISC 02 19:44:27.9, 0.5, 42.46N, 103.5, 143.64E, 0.05, h36km, 4km, mb3, 8/8, Error ellipse: s-maj=8.9km s-min=4.9km az=145.2

2d 21h

2009 NOV

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like BHJ, DHRM, SDNR, SMLA, DDI, BHPAL, etc.

Table with columns: MESJ, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Messejana, Barranco-do-Ve, Castro Verde, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DIGPUR, Port Blair, Kaeng Krachan, etc.

MDD 02:21:04:43.6,2.4,36.60N:11.32W,h38km,56km,mb3.7/1, Error ellipse: s-maj=31.8km s-min=14.7km az=43.0, PRXIMO

IGIL 02:21:04:44.7,36.63N:11.16W,h16km,ML1.7 INMG 02:21:04:44.8,1.2,36.66N:11.14W,h10km,ML2.0, Error ellipse: s-maj=6.2km s-min=5.4km az=74.0

CSEM 02:21:04:45.0,3.4,36.82N:10.96W,h10km,ML2.5/4, Error ellipse: s-maj=7.3km s-min=6.2km az=40.0

ISC 02:21:04:42.3,6.36,36.7N:0.1x1.1W:0.2,h10km,n70, r=1527/122,1C,Azores-Cape St. Vincent Ridge

AUST 02:21:35:43.0,0.3,13.57N:92.66E,h10km, Error ellipse: s-maj=10.3km s-min=7.4km az=149.0

IDC 02:21:35:44.6,2.2,13.99N:93.14E,h17km,13km,mb5.0/35, mb1.5/36,mb1mx3.0/7,mbtmp4.9/36,ML4.9/1,MSA.9/48, MS1.4/9,8,ms1mx4.8/58, Error ellipse: s-maj=11.9km s-min=9.6km az=52.0

ISCJB 02:21:35:44.6,0.6,14.04N:0.02E:0.02,h28km,4km, mb5.3/237,MS5.1/220, Error ellipse: s-maj=3.5km s-min=2.5km az=31.9

BUI 02:21:35:45.5,14.12N:93.08E,h29km,mb5.4/47,mb5.1/55, MS5.2/62,MS7.5/50,5

MOS 02:21:35:45.6,1.1,14.07N:93.01E,h33km,mb5.8/93, MS5.1/47, Error ellipse: s-maj=6.3km s-min=3.4km az=122.6

BKK 02:21:35:46.3,0.2,14.0N:3.9E,h10km,MS.2/37, mb5.6/25,mb5.3/37,MLV5.4/10,MW(mB)5.1/25

DJA 02:21:35:48.9,1.0,14.0N:3.9E,h33km,8km,MS.3/45, mb5.7/26,mb5.3/45,MLV5.8/3,MW(mB)5.2/26

GCMT 02:21:35:48.0,1.1,13.97N:93.13E,h17km,MW5.4 Best double couple: NP1=39.00000°,δ73.00000°, λ-96.00000°. NP2=238.00000°,δ18.00000°, λ-71.00000°. Principal axes: T 1.42000°,Plg27.0000°, Azm134.00000°, N -0.07000°, Plg6.00000°, Azm41.00000°, P -1.35000°, Plg62.00000°, Azm300.00000°, Data Used: II IU IC CA

ISC 02:21:35:46.9,0.3,14.03N:0.03E:0.03,h30km,1km, h30km:pp-P n153,r=151/1166,mb5.4/236,MS5.1/222, 58C-52D, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DIGPUR, Port Blair, Kaeng Krachan, etc.



2d 21h

Table with columns for team names (e.g., Sny, ABTO, KURK, KURK), scores, and performance indicators (LR, P, M, etc.).

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Table with columns for team names (e.g., KLR, KLR, KLR), scores, and performance indicators (eS, SS, M, etc.).

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Table with columns for team names (e.g., WRA, WRA, WRAB), scores, and performance indicators (ScP, ScP, P, etc.).

Table with columns for call sign, frequency, and other parameters. Includes stations like KULM, KULA, KULA-Manisa, etc.

Table with columns for call sign, frequency, and other parameters. Includes stations like IIGN, LVZ, LVZ, etc.

Table with columns for call sign, frequency, and other parameters. Includes stations like SKO, BZS, Buzias, etc.

Table of astronomical data for 2d 21h. Columns include station call sign (e.g., CUC, TREC, CEL), observatory name (e.g., Armadale, SOKA), time (e.g., 21 47 14.5), and magnitude (+0.4, +0.0, -0.1).

Table of astronomical data for 2009 NOV. Columns include station call sign (e.g., MUD, VLC, DAVA), observatory name (e.g., Monsted U'grnd, Villacollemand), time (e.g., 75.06 325), and magnitude (+1, +13, +0.2).

Table of astronomical data for 2009 NOV. Columns include station call sign (e.g., ORIF, ORIF, MEZF), observatory name (e.g., Oris-en-Rattie, Oris-en-Rattie), time (e.g., 78.26 314), and magnitude (+1, +13, -1.0).



Table with columns: TAM, Station Name, Frequency, Class, Power, and various numerical values. Includes stations like Tamanrasset, Sutherland, ETSF, etc.

Table with columns: PAX, Station Name, Frequency, Class, Power, and various numerical values. Includes stations like Paxson, Dot Lake, Resolute Bay, etc.

Table with columns: TPH, Station Name, Frequency, Class, Power, and various numerical values. Includes stations like Dugway, Troy Canyon, Laramie, etc.

2d 22h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like LAZ, W25A, X23A, BNM, X24A, TUC, W26A, BLA, Z20A, W27A, Z21A, Y23A, X26A, Y24A, RCBR, BBSR, Z22A, 120A, V33A, Y25A, Z23A, 121A, Z24A, M20A, MSTX, Z25A, X31A, WMOK, Z26A, CNNC, 124A, Z27A, 125A, Z24A, MNTX, Z31A, Z26B, MIAR, 324A, Z32A, 129A, 325A, OXF, 131A, ABTX, 425A, 230A, 426A, 427A, 428A, 331A, 526A, LRAL, 332A, 429A, 430A, 528A, 626A, 432A, 529A, VBMS, 530A, 627A, TXAR, 432A, JCT, 531A.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like 532A, 631A, 632A, BRAL, 732A, KVTV, SPB, FDF, BDFB, SDDR, GTTY, TEIG, MTDJ, TRQA, PLCA, PLCA, PLCA, SDOV, TGUV, SIV, SIV, CFAA, CFAA, JTS, JTS, BCIP, BCIP, SAML, SAML, LCO, LCO, LVC, LVC, LPAZ, LPAZ, LPAZ, LPAZ, OTAV, OTAV, PAYG, PAYG, ATAH, ATAH, IDC, URZ, URZ, ASAR, WRA, Vnda, SNAa, WNAZ, FINES, IDC, URZ, URZ, URZ, WRA, FINES, AUST, IDC, NDU, IDC, DZM, DZM, DZM, DZM, DZM, DZM, NORM.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like NORM, NOUC, NFK, CTA, QLP, CMSA, STKA, WRA, ASAR, MEEK, MJAR, USRK, SONM, NVAR, ILAR, EKA, GERES, DAVOX, IGQ, CATE, CATE, BMAC, BMAC, ARRY, PATI, BPAT, BPAT, ULBA, ULBA, VCI, PITA, ANTI, GGP, PINO, OTAV, AUST, KSI, MNAI, MNAI, MASI, LAHA, LWL, MDSI, KASI, PMBI, BLSI, PDSI, PPI, PPI, PPBI, BTDF, BTDF, LEM, MYKOM, MYKOM, CISI, XMSI, KPJI, UGM, KSM, KSM, KAPI, KAPI, KAPI, SDKM, SOEI, CMAR, CMAR, CMAR, CHRO, KNTA, H0S2, H0S3, H0S1, KDU, NWA0, H0W3, H0W2, H0W1, ODAN, TAPN, WRA, WRA, WRAB, JIRN, GUN, ASS1, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, DANN Dangsing, MANU Manu Island, etc.

ISCJB 02 22:30:20.2±1.8, 17.3S:0.8:178.9W:0.4, h539km, mb3.4/6, Error ellipse: s-maj=113.5km s-min=19.6km az=153.7

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

WEL 02 22:36:55.8±0.6, 37.16S:176.70E, h234km, 5km, ML3.7/10, 6C-1D, Error ellipse: s-maj=6.3km s-min=5.8km az=90.0,

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

ISCJB 02 22:38:49.9±2.0, 4.7S:0.2:134.3E:0.16, h22km, mb3.9/5, Error ellipse: s-maj=93.4km s-min=15.2km az=167.5

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

ISCJB 02 22:39:30.2±0.8, 10.33N:0.05:126.27E:0.07, h51km, mb3.6/6, Error ellipse: s-maj=9.7km s-min=7.3km az=0.8

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

MEX 02 22:41:30.2±1.3, 17.07N:94.01W, h191km, 14km, MD4.1, Chiapas

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

ISC 02 22:41:26.7±1.2, 3.27S:127.23E, h0km, mb3.6/4, mb1.3/9.6, mb1mx3.7/24, mbtmp3.7/6, ML3.7/2, MS3.2/2,

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

WRA Warramunga Arr 17.83 157 P P 22 56 54.2

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

ISCJB 02 22:50:47.9±0.5, 4.7S:0.0:134.32E:0.08, h22km, mb4.0/8, MS4.3/1, Error ellipse: s-maj=11.3km

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

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

JMA 02 22:51:55.7±0.6, 32.43N:141.94E, h0km, M4.0, ISCJB 02 22:51:59.5±1.1, 32.48N:0.06:142.0E:0.2, h39km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHJC Hachijojimakas, BSO1 Boso 1, etc.

WEL 02 22:55:43.0±0.6, 17.45S:168.63E, h0km, mb4.6/17, mb1.4/7.20, mb1mx4.6/26, mbtmp4.6/20, ML4.6/1, MS4.4/25,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BAYA Yate Dam, DZM Mont Dzumak, etc.

ISC 02 22:55:47.9±0.2, 17.58S:0.0:168.46E:0.04, h33km, mb5.0/50, MS4.5/30, Error ellipse: s-maj=6.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BAYA Yate Dam, DZM Mont Dzumak, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HNR, RAO, OUZ, EIDS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSM, Kuching, MJAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SYO, M02C, CMB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAVS Javornik, ABTA Abfaltersbach, WLF Waldrange, etc.

ICD 02 23:03:09.1.6.2.4.64s.133.73E.h0km.mb3.4/1. mb1 3.5/3, mb1mx3.3/17, mbtmp3.3/6, M3.2, 9. Error ellipse: s-maj=350.1km s-min=34.5km az=77.0,Irian Jaya region

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

ISC/JB 02 23:11:02.5.1.0.4.67S.0.08x101.50E.0.07.h30km, mb3.4/5, MS3.7/2, Error ellipse: s-maj=11.8km s-min=8.7km az=27.8

ICD 02 23:11:02.4.4.0.4.20S.101.87E.h0km.mb3.3/5. mb1 3.4/5, mb1mx3.4/23, mbtmp3.3/6, MS3.7/2, Ms1 3.7/2, ms1mx3.2/17, Error ellipse: s-maj=174.2km s-min=21.5km az=54.0

DJA 02 23:11:06.4.1.8.5.5s.5x10.2E.s, h35kmx20km, M3.4/5, MLV3.4/5

ISC 02 23:11:05.0.1.3.4.61S.0.09x101.6E.0.1.h30km,n15, s128/15, mb3.5/5, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAI Manna, MASI Maura Aman, LHSI Lahat, etc.

ICD 02 23:17:59.4.48.0.16.13S.176.27W.h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/19, mbtmp4.0/3, Error ellipse: s-maj=901.6km s-min=171.2km az=78.0, 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.

ISC/JB 02 23:33:28.8.0.3.35.21N.0.04x28.59E.0.04.h36km, Error ellipse: s-maj=7.4km s-min=2.9km az=33.3

CSEM 02 23:33:30.9.0.1.35.25N.28.59E.h40km, MD3.7, Error ellipse: s-maj=5.2km s-min=2.1km az=36.0

HLW 02 23:33:31.5.35.26N.28.53E.h33kmx38km, MD3.9, MI3.0

ATH 02 23:33:33.3.35.53N.28.25E.h41kmx6km, MD3.7/19

ISC 02 23:33:30.1.1.0.35.25N.0.06x28.51E.0.05.h36km, n80, s148/86, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARG Arkhangelos, KARP Karpathos, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLUM comp=E.20um,0.3s,logAT=4.8,baz=218, SLMU baz=218, SLMU Penteli, etc.

DJA 02 23:38:12.2.0.8.3.5s.8.12E.s, h22kmx14km, MA.2/6, mb4.7/2, mb5.0/2, MLV4.0/6, Mw(mb)4.4/2, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAI Ambon, AAI Namlea, SWI Sorong, etc.

ISC/JB 02 23:41:28.7.0.5.41.37N.0.05x140.64E.0.08, h144kmx4km, mb3.4/5, Error ellipse: s-maj=10.2km s-min=8.0km az=152.4

JMA 02 23:41:30.0.2.0.41.38N.140.65E.h137kmx2km, M2.5

ICD 02 23:41:35.5.6.7.42.06N.160.47E.h163kmx28km, mb3.1/5, mb1 3.0/7, mb1mx2.9/28, mbtmp3.5/7, Error ellipse: s-maj=11.0km s-min=30.5km az=158.0

ISC 02 23:41:29.2.0.4.1.39N.0.05x140.67E.0.06.h142kmx7km, n18, s177/26, mb3.5/5, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JSR Shiruichi, JSR Ohata, JSI2 Shiura, etc.

AUST 02 23:55:40.3.2.2.23.96S.174.78W.h0km, Error ellipse: s-maj=1.5km s-min=1.0km az=286.0

ICD 02 23:55:43.0.0.7.23.97S.175.41W.h0km, mb4.4/14, mb1 4.6/14, mb1mx4.5/21, mbtmp4.4/14, MS3.9/15, Ms1 3.9/15, ms1mx3.7/33, Error ellipse: s-maj=23.7km s-min=15.4km az=154.0

ISC/JB 02 23:55:45.7.0.4.21.17S.0.06x175.45W.0.07.h28km, MA.2/6, MLV4.0/13, Error ellipse: s-maj=9.7km s-min=7.6km az=29.1

NEIC 02 23:55:45.4.4.5.21.03S.175.44W.h18kmx27km, mb4.7/12, Error ellipse: s-maj=12.1km s-min=8.9km az=83.0

ISC 02 23:55:46.9.0.5.24.13S.0.07x175.37W.0.08.h28km, n97, s159/88, mb4.5/19, MS4.1/13, 1.D, South of Tonga Islands

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

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



Table with columns: AGG, Agios Georgios, 2.84 273 P, Pn, 01 50 33.2 +0.6, AFSR Afar-Bala (A), 5.54 82 ePh, Pn, 01 51 12.2 +2.6, OUR, Vitosha, 1.38 17 P, S, Sg, 02 20 19.2 +1.1, etc.

Table with columns: AFSR Afar-Bala (A), 5.54 82 ePh, Pn, 01 51 12.2 +2.6, SELS Selova, 5.64 321 ePh, Pn, 01 51 09.7 -1.3, VTS Vitosha, 1.38 17 P, S, Sg, 02 20 19.2 +1.1, etc.

MEX 03 01:59:18.0-0.4, 17.90N x 100.66W, h67km, h67km, MD3.5, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ARIG Puente Sto Nin, 0.48 38 i/P, Pn, 01 59 29.2 -1.3, ARIG Zihuatanejo, 0.82 249 i/S, Pn, 01 59 37.6 -1.9, etc.

SKO 03 02:19:32.5, 41.25N, 22.67E, h24km, M2.0, ML2.4, IS/CJB 03 02:19:33.4, 41.26N, 0.02, 22.65E, 0.02, h3km, 3km, Error ellipse: s-maj=3.2km s-min=2.4km az=32.7, etc.

SKO 03 02:19:33.7, 41.25N, 22.67E, h24km, M2.2, Error ellipse: s-maj=1.2km s-min=0.4km az=220.0, BEO 03 02:19:35.0, 41.26N, 22.60E, h3km, M2.2/5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, VAY Valandovo, 0.09 305 P, P, 02 19 35.9 -0.5, VAY Valandovo, 0.09 305 eSg, Sg, 02 19 35.9 -0.5, VAY Valandovo, 0.09 305 i/P, P, 02 19 36.9 +0.6, etc.

Table with columns: OUR Vitosha, 1.38 17 P, S, Sg, 02 20 19.2 +1.1, VTS Vitosha, 1.38 17 P, S, Sg, 02 20 19.2 +1.1, VTS Vitosha, 1.38 17 P, S, Sg, 02 20 19.2 +1.1, etc.

IDC 03 02:49:39.5-67.0, 18.32S-170.60E, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.7-18, mb2mp4.0/3, Error ellipse: s-maj=1143.0km s-min=129.0km az=73.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, STKA Stephens Creek, 29.42 337 P, P, 02 58 45.6 +0.7, WRA Warrungarra Arr, 34.25 261 P, P, 02 56 27.1 -0.5, ASAR Wake Springs, 34.60 255 P, P, 02 56 30.4 -0.1, etc.

IS/CJB 03 02:50:50.7-0.9, 52.5N, 0.1, 169.81W, 0.09, h57km, 7km, mb3.7/8, Error ellipse: s-maj=23.7km s-min=6.0km az=162.2

NEIC 03 02:50:50.5, 52.49N, 169.68W, h16km, ML3.5(AEIC), After IDC 03 02:50:54.2, 3.9, 52.72N, 169.72W, h65km, 38km, mb3.5/8, etc.

IDC 03 02:50:54.2, 3.9, 52.72N, 169.72W, h65km, 38km, mb3.5/8, Mb1.3/1.1, mb1mx2.1/3.3, Error ellipse: s-maj=37.5km s-min=17.0km az=10.0

IS/C 03 02:57:02.0, 1.5, 52.5S, 0.2, 169.75W, 0.07, h49km, 12km, n4.0, p130/37, mb3.8/8, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, NIKH Nikolski High, 0.71 50 P, Op, ISC, 02 51 04.1 -1.6, NIKH, 0.71 50 S, S, 02 51 04.6 -1.1, OKSP Okmok Steeple, 1.15 50 P, P, 02 51 11.0 -0.6, etc.

3d 3h

baz=320,slow=0.7,SNR=6.1
H03N3 Juan Fernandez 116.22 111 T T 05 16 27.7

CSEM 03:02:57:26.3,0.3,39:33N-10:08W,h10km,ML2.8/4,Error ellipse: s-maj=7.2km s-min=3.3km az=82.0
IGIL 03:02:57:27.6,39.29N,10:28W,h23km,ML2.1
MDD 03:02:57:27.8,1.0,39:29N-10:30W,h43km,33km,mb3.6/15, Error ellipse: s-maj=9.7km s-min=4.3km az=86.0,PRXIMO INMG 03:02:57:28.8,1.3,39:29N-10:28W,h31km,ML2.0, Error ellipse: s-maj=4.8km s-min=1.8km az=86.0

ISC 03:02:57:23.6,1.3,39:30N,0:02:10:33W,0.05,h10km,n109, c2502/208,2C-1D, North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like PMAFR Mafru, PMAFR Mafru, PMAFR Mafru, etc.

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Main table with columns: MORF, Time, Res, ISC. Rows include stations like Marnelete, Manteigas, Manteigas, etc.

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Table with columns: EMAZ, Time, Res, ISC. Rows include stations like Mazaricos, Mazaricos, Mazaricos, etc.

GUC 03:02:00.3,0.6,32:79S-71:83W,h1km,2km,MD3.6, ML3.4,2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ROCH EI Roble, CHNG Los Chungos, PEL Peledue, etc.

ISCJB 03:03:28:33.8,1.1,11:7S:0:1x165:4E:0:2,h24km,mb4.1/6, MS3.3/1, Error ellipse: s-maj=26.6km s-min=18.0km

IDC 03:03:28:36.1,1.3,11:67S:165:42E,h28km,5km,mb4.0/6, mb1 4.2/7,mb1mx3.8/20,mbtmp4.0/7,ML3.9/1,MS3.3/3, Ms1 3.3/3,ms1mx3.0/34, Error ellipse: s-maj=42.5km s-min=20.5km az=129.0

ISC 03:03:28:35.9,1.1,11:7S:0:1x165:4E:0:2,h24km,n9, c1501/11,mb4.2/6,Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, STKA Stephens Creek, etc.

AUST 03:03:35:53.7,12:45S:174:05E,h0km ISCJB 03:03:37:13.5,0.5,14:3S:0:1x170:47E:0:0,9,h600km, mb4.2/17, Error ellipse: s-maj=17.6km s-min=9.2km az=152.2

IDC 03:03:37:15.6,1.3,14:44S:170:55E,h616km,15km, mb3.7/17,mb1 3.9/19,mb1mx3.8/24,mbtmp3.8/19, Error ellipse: s-maj=19.3km s-min=11.4km az=145.0

VIE 03:03:37:15.2,14:50S:170:61E,h612km,mb3.6 438 km NE of Port Vila

ISC 03:03:37:14.2,0.6,14:4S:0:1x170:48E:0:10,h600km,n61, c2504/55,mb4.3/15,5C,Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like DZM Mont Dzumac, AFI Afiamalu, PMG Port Moresby, CTA Changs Tower, COEN Coen, QLP Quile, etc.



Table with columns: STKA, Stephens Creek, 31.63 232 P, P, 03 42 50.8 +1.0, etc. Includes various station codes and coordinates.

JMA 03 05:20.9:0.3, 33.16N:141.96E, h77km, M3.5
IDC 03 05:20.4:3.3, 32.63N:140.44E, h0km, mb3.9/7,
mb1 3.9/8, mb1mx3.8/27, mbtmp3.8/8, ML3.5/1, MS3.2/2,
Ms1 3.2/2, ms1mx2.7/40, Error ellipse: s-maj=141.9km
s-min=16.8km az=68.0

ISC 03 05:23.4:3.6, 33.17N:0.07:141.8E:0.1, h0km, 21km,
n21, 0.89/29, mb3.9/7, Off east coast of Honshu

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

ISCJB 03 05:05:05.1.1, 11.6S:0.1:165.4E:0.2, h24km, mb4.0/6,
MS3.4/1, Error ellipse: s-maj=29.1km s-min=17.3km
az=2.0

IDC 03 05:08:7.1.3, 11.58S:165.42E, h36km, 7km, mb3.8/6,
mb1 4.0/7, mb1mx3.8/20, mbtmp3.9/7, ML4.2/1, MS3.3/2,
Ms1 3.3/2, ms1mx2.9/31, Error ellipse: s-maj=43.5km
s-min=22.6km az=120.0

ISC 03 05:08:2.1.0, 11.6S:0.1:165.3E:0.2, h24km, n9,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the 2009 NOV event.

IDC 03 05:46.6:2.2, 21.96S:176.12W, h0km, mb4.0/5,
mb1 4.2/5, mb1mx3.9/19, mbtmp4.0/5, Error ellipse:
s-maj=148.0km s-min=28.1km az=151.0, Fiji Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the Fiji Islands event.

IDC 03 04:34:11.5:55.0, 18.28S:174.89W, h0km, mb4.0/3,
mb1 4.2/3, mb1mx3.7/19, mbtmp4.0/3, Error ellipse:
s-maj=103.0km s-min=16.1km az=81.0, Tonga
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the Tonga Islands event.

NIED 03 04:50:00, 40.50N:141.50E, h62km, Mw3.8 Best double
couple: Mo:6.57000e+10, NP1:0.670000e+10, 0.70.00000,
lambda:12.00000, NP2:0.310000e+10, 0.39.00000,

ISCJB 03 04:50:16.1:0.5, 40.51N:0.03:141.57E:0.08, h87km, 3km,
mb3.8/12, Error ellipse: s-maj=10.3km s-min=5.4km
az=2.2

JMA 03 04:50:17.3:0.1, 40.51N:141.54E, h79km, 1km, M3.7
Broadband fault plane solution: P waves. NP1:
0.557000e+10, 0.77.00000, lambda:132.00000, NP2:
0.313000e+10, 0.43.00000, lambda:19.00000. Principal axes:
P:12.00000, Azm:177.0000, N:17.0000, Azm:287.0000,

JMA Felt II J.
IDC 03 04:50:18.3:2.1, 40.47N:141.51E, h95km, 18km, mb3.6/12,
mb1 3.7/11, mb1mx3.6/28, mbtmp3.6/15, MS3.7/1,
Ms1 3.7/11, ms1mx2.6/52, Error ellipse: s-maj=19.0km
s-min=14.4km az=95.0

ISC 03 04:50:17.0:0.8, 40.51N:0.04:141.55E:0.07, h0km, 6km,
n35, 0.679/36, mb3.9/12, 8C-2D, Near east coast of
Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the Honshu event.

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

IDC 03 04:52:06.7:5.4, 14.33S:174.87W, h0km, mb4.1/4,
mb1 4.3/4, mb1mx3.9/20, mbtmp4.1/4, MS3.6/3, Ms1 3.5/3,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the Samoa Islands event.

IDC 03 04:52:14.0:0.5, 56.44S:25.62W, h0km, mb4.6/13,
mb1 4.6/14, mb1mx5.5/19, mbtmp4.6/14, ML3.7/1, MS4.1/10,
Ms1 4.1/10, ms1mx3.9/27, Error ellipse: s-maj=17.9km
s-min=14.6km az=69.0

ISCJB 03 04:52:16.5:0.4, 56.48S:0.06:25.7W:0.1, h29km,
mb4.7/19, MS4.1/10, Error ellipse: s-maj=11.6km
s-min=7.6km az=146.5

NEIC 03 04:52:17.6:2.8, 56.45S:25.60W, h24km, 18km, mb5.0/6,
Error ellipse: s-maj=8.4km s-min=5.7km az=224.0

ISC 03 04:52:18.5:0.4, 56.47S:0.08:25.64W:0.09, h29km, n116,
0.881/115, mb4.8/19, MS4.0/10, South Sandwich Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Lists seismic stations for the South Sandwich Islands event.

USHA Ushuaia 23.92 256 LR 05 04 23.5

TRQA Torquait 30.28 292 ePcP 04 58 25.7

PLCA Paoa Flores 32.92 279 P 04 58 49.0

PLCA Paoa Flores 32.92 279 P 04 58 49.0

QSPA South Pole Quik 33.78 180 P 04 58 57.3

CPUP Villa Florida 37.74 310 P 05 01 48.5

CPUP Villa Florida 37.74 310 P 05 01 48.5

MAW Mawson 39.29 143 eP 04 59 43.8

MAW Mawson 39.29 143 eP 04 59 43.8

SUR Sutherland 39.93 73 LR 05 12 03.3

BDBF Brasilia 44.17 328 P 05 00 24.0

BDBF Brasilia 44.17 328 P 05 00 24.0

BOSA Boshof 45.24 74 eP 05 00 32.4

BOSA Boshof 45.24 74 eP 05 00 32.4

SBA Scott Base 45.72 184 eP 05 00 36.9

VNDA Vanda 46.19 182 P 05 00 40.1

VNDA Vanda 46.19 182 P 05 00 40.1

LVC Lion Verde 46.26 299 eP 05 00 41.6

LBTB Lobatse 48.31 71 P 05 00 58.5

LBTB Lobatse 48.31 71 P 05 00 58.5

LPAZ La Paz 51.33 304 eP 05 01 21.4

LPAZ La Paz 51.33 304 eP 05 01 21.4

CASY Casey 53.21 160 eP 05 01 33.4

SAML Samsul 55.72 313 eP 05 01 52.0

SAML Samsul 55.72 313 eP 05 01 52.0

DBIC Dimbokro 65.21 23 P 05 02 56.5

OTAV Otavalo 76.01 302 eP 05 03 31.6

TOAO Torodi Ar. Sit 73.01 28 eP 05 03 45.3

2009 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like C24 Savage, F19A Roth Farm, C22A Vida, etc.

CSEM 03 04:55:54.0, 4.0, 42.35N; 16.17E, h20km, Error ellipse: s-maj=15.0km s-min=8.3km az=111.0

ROM 03 04:55:50.3-0.8, 42.43N; 16.61E, h32km, MI2.6/1, Error ellipse: s-maj=16.1km s-min=9.3km az=136.0, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAG Monte S. Angel, STON Ston, SGRT San Giovanni R, etc.

ISCJB 03 05:20:16.5, 0.0, 23.66S; 0.10, 175.0W, 0.1, h24km, mb4.4/12, MS4.3/2, Error ellipse: s-maj=16.5km s-min=10.0km az=135.2

IDC 03 05:20:17.6, 0.9, 23.85S; 175.41W, h10km, mb4.1/8, mb1.4/9, mb1mx4.2/20, mbtm4.2/9, ML4.4/1, MS3.4/2, Ms1.3/4.2, ms1mx3.0/29, Error ellipse: s-maj=37.8km s-min=22.0km az=145.0

NEIC 03 05:20:19.0, 0.6, 24.03S; 175.27W, h10km, mb4.8/3, Error ellipse: s-maj=14.0km s-min=13.0km az=144.0

AUST 03 05:20:24.2, 2.7, 23.71S; 174.46W, h12km, Error ellipse: s-maj=2.7km s-min=1.3km az=346.0

ISC 03 05:20:19.0, 0.6, 23.82S; 175.2W, 0.1, h24km, n43, z=201/33, mb4.4/12, Tonga Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTAO Charters Tower, QLP Quilpie, RKT Rikitea, etc.

BUI 03 05:25:03.8, 37.61N; 20.25E, h10km, mb5.8/56, mb5.1/56, Ms5.9/64, Ms7.5/761

IDC 03 05:25:06.0, 0.4, 37.55N; 20.54E, h0km, mb5.0/32, mb1.5/45, mb1mx5.0/48, mbtm5.0/45, ML4.6/12, MS5.3/30, Ms1.5/40, ms1mx5.2/43, Error ellipse: s-maj=9.6km s-min=9.2km az=122.0

THE 03 05:25:05.6, 37.35N; 20.18E, h0km, 1km, ML5.7/15, Error ellipse: s-maj=1.7km s-min=0.7km az=233.0

ISCJB 03 05:25:06.4, 0.3, 37.48N; 20.384E, h5km, 2km, MS5.4/261, MS5.5/217, Error ellipse: s-maj=1.9km s-min=1.2km az=11.7

PDG 03 05:25:07.9, 1.3, 37.40N; 20.38E, h19km, 3km, MD6.1/10, ML6.0/11, Error ellipse: s-maj=2.0km s-min=1.3km az=90.0

CSEM 03 05:25:08.2, 0.1, 37.44N; 20.37E, h10km, mb5.5/99, Ms5.1, Mw5.7, Error ellipse: s-maj=2.5km s-min=1.7km az=17.0

NEIC 03 05:25:08.1, 0.2, 37.50N; 20.49E, h10km, mb5.5/168, MS5.3/133, MW5.7, Mw5.7, Error ellipse: s-maj=4.2km s-min=2.8km az=202.0, Moment Tensor Solution. s26

Moment tensor: Scale 1017Nm; Mw:0.90; Ms:1.60; Mm:0.70; Me2:12; Mm:0.59; Mr:2.76; Best double couple: Ms:3.80000e+17; NP1:1.40, 0.00000, -0.83, 0.00000, 1.109, 0.00000; NP2:0.249, 0.00000, -0.82, 0.00000, -1.21, 0.00000; Principal axes: T: 3.9200, P: 4.9000, Az: 7600.0000; N: -0.0600, Plg1: 8.0000, Azm317.0000; P: -3.7600, Plg35.0000; Azm213.0000;

NEIC Felt at Agnion, Anelokipoi, Argostolion, Kalamakia, Kataration, Patrai, Planos and Zakynthos, Greece. Felt [III] at Brindisi and Taranto; [II] at Giarre, Messina and Reggio di Calabria, Italy. Also felt at Bari, Cosenza, Crotone, Matera and Siracusa.

IGIL 03 05:25:08.3, 37.40N; 20.44E, h10km, mb5.2, ATH 03 05:25:09.3, 37.39N; 20.35E, h39km, 1km, ML5.6, MOS 03 05:25:09.7, 1.4, 37.58N; 20.42E, h33km, mb5.6/87, MS5.4/67, Error ellipse: s-maj=3.9km s-min=2.3km az=96.0

PRU 03 05:25:09.9, 37.61N; 20.33E, h0km, Ms5.5, ISH 03 05:25:09.2, 3, 37.12N; 20.46E, h56km, 20km, TEN 03 05:25:11.3, 37.62N; 20.78E, h10km, ML5.9, DJA 03 05:25:11.3, 0.6, 38.1N; 2.1E, 1.0, h10km, Ms5.5/19, mb6.0/13, mb5.4/19, Mw(mb)5.6/13

UCC 03 05:25:11.3, 37.64N; 20.70E, h20km, ML5.7, PDA 03 05:25:11.3, 37.64N; 20.70E, h20km, Mw5.7, GCMT 03 05:25:13.6, 0.1, 37.35N; 20.19E, h16km, MW5.8, Moment Tensor Solution. s102,c201; s42,c45; Moment tensor: Scale 1017Nm; Mr:2.18; 0.04; Mw:0.81; 0.03; Mm:1.37; 0.03; Mm:4.14; 0.19; Mw:4.41; 0.03; Mw:4.48; 0.20; Best double couple: Ms:5.0000e+17; NP1:1.37, 0.00000, -0.73, 0.00000, 1.89, 0.00000; NP2:0.325, 0.00000, 1.11, 0.00000, 1.97, 0.00000; Principal axes: T: 6.3700, Plg56.0000; Azm46.0000; N: 0.3400, Plg1.0000; Azm138.0000; P: -6.7100, Plg34.0000; Azm229.0000; Data Used: II/UC G CN. Surface waves: sta=11.3, comp=222, per=50.

BGS 03 05:25:14.5, 2.1, 38.16N; 20.35E, h10km, mb5.4, MS5.2, HLW 03 05:25:18.1, 37.16N; 21.48E, h33km, 48km, Md5.0, M15.3, BEO 03 05:25:21.6, 0.8, 38.50N; 20.59E, h0km, ML5.7/8

NEIC 03 05:25:21.0, 0.0, 37.94N; 20.27E, h10km, Moment Tensor Solution. s150, Moment tensor: Scale 1017Nm; Mr:1.32; Mm:0.88; Mw:0.44; Mw:0.87; Mm:3.7; Best double couple: Ms:4.2000e+17; NP1:1.70, 0.00000, -0.83, 0.00000, 1.03, 0.00000; NP2:0.290, 0.00000, 1.15, 0.00000, 1.31, 0.00000; Principal axes: T: 4.5200, Plg50.0000; Azm31.0000; N: -0.6000, Plg12.0000; Azm348.0000; P: -3.9100, Plg36.0000; Azm248.0000;

ISC 03 05:25:09.2, 0.2, 37.46N; 20.02, 20.46E, 0.02, h20km, 2km, h20km; pp-P, n2126, 1.17/2253, mb5.5/261, MS5.4/218, 127C-47D, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STROF Strofades, KFL Anninata, VLS Valsamata, etc.

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





Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like Dobruska-Polom, Pruhonice, Panska Ves, and many others.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like Champ du Feu, Champ du Feu, Espy, URFA, KIEV, AKASG, and many others.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes entries like KBSD, MARDIN, TCF, TCF, TCF, TCF, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bornholm Skovb, Kars, Khabaz, and various 'GOF' and 'LDF' stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tamarrasset, San Pablo, Saint Gilles, and various 'ROSF' and 'MUD' stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Manteigas, Birley Grange, Birley Grange, and various 'MTE', 'MCH1', and 'STNC' stations.







Table with columns: Name, Comp, Az, El, AzEl, P, S, Max, Min, MaxMin. Includes stations like Beijing, Baijiatou, Guiyang, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, S, Max, Min, MaxMin. Includes stations like Lac du Bonnet, Greenville, Khabarovsk, etc.

Table with columns: Name, Comp, Az, El, AzEl, P, S, Max, Min, MaxMin. Includes stations like Manning Farm, McKinley, Thorfare Moun, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like DGMt Dagmar, DLBC Dease Lake, YSS Yuzh-Sakhalins, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like K28A Ten Mile Ranch, L29A Maesberg Ranch, KSU1 Kansas State U, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like MAT Matusushiro, H18A Shochone NF, NEW Newport, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BMO Blue Mountains, NLWA Neilton Lookou, ADK Adak, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JCT Junction City, JCT Junction City, JCT Junction City, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like EFI East Falkland, MIDW Midway, NWAO Narrogin (SRO), etc.

AUST 03 06:03:56.8 1.1, 35:55S x 138:32E, h5km, 7km, Error ellipse: s-maj=4.8km s-min=3.0km az=47.0

IDC 03 06:04:01.2 5.9, 34:93S x 137:94E, h0km, mb3.1/1, mb1.3/7.4, mb1mx3.5/17, mb1mx3.5/4, ML3.5/3, Error ellipse: s-maj=70.4km s-min=24.8km az=167.0

ISC 03 06:05:54.1 7.35, 35:45S, 0:11, 138:07E, 0:10, h10km, n10, az=172/11, 3C-3D, Near coast of South Australia

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HBT Hallett, HTOO Buckleboo, ARPS Mount Arapiles, etc.

IDC 03 06:17:13.2 1.5, 15:80S x 173:06W, h0km, mb4.0/6, mb1.4/4.6, mb1mx4.0/20, mb1mx4.0/6, MS3.2/1, M1 3.2/1, ms1mx3.0/35, Error ellipse: s-maj=97.3km s-min=20.8km az=147.0

ISC 03 06:17:17.4 1.6, 15:35S, 0:5, 173:1W, 0:4, h29km, n8, az=124/9, mb4.0/6, Tonga Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

ILAR Eielson Array 82.26 11 P P 06 29 37.9 +2.3
BRTR Keskin Array B 146.24 32 PKPbc PKPab 06 36 58.2 +1.9

IDC 03 06:48:08.0-1.4, 3.04S, 144.75E, h0km, mb4.1/4, mb1.4/4.5, mb1mx3.9/18, mbtmp4.2/5, ML4.4/1, MS3.6/3, Ms1.3.6/3, ms1mx3.3/29, Error ellipse: s-maj=65.5km s-min=24.0km az=118.0, Near north coast of New Guinea

IGQ 03 06:50:24.9, 0.935S, 81.28W, h8km, 69km, Mb4.1, Ms3.9, Error ellipse: s-maj=6.3km s-min=4.5km az=4.8, Off coast of Ecuador

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PECV Mancha de Ca P 1.24 83 S Op 06 50 53.4 -1.1
MAGV Mancha de Ca P 1.24 83 S P 06 50 41.6 -7.1

IDC 03 06:50:58.5-0.6, 9.41N, 126.30E, h0km, mb4.3/17, mb1.4/17, mb1mx4.3/30, mbtmp4.3/17, MS3.7/2, Ms1.3.7/2, ms1mx3.1/35, Error ellipse: s-maj=29.2km s-min=13.7km az=79.0

MAN 03 06:51:01, 9.36N, 126.51E, h1km, mb4.9, ML3.8, MS3.9

ISCBJ 03 06:51:04.0-1.0, 9.35N, 0.05x126.56E, 0.08, h65km, 10km, mb4.1/17, Error ellipse: s-maj=14.2km s-min=6.8km az=163.3

ISC 03 06:51:06.3-1.6, 9.39N, 0.05x126.54E, 0.10, h60km, 15km, n41, s147/38, mb4.3/17, 5C-1D, Mindanao

Code Station Name Az AZZ Phase ID Time Res h m s ISC
BUTP Butuan 1.00 245 eP 06 51 20.5 -3.8
MSLP Maasin 1.82 294 eD 06 51 35.2 -2.5
CGP Cagayan de Oro 2.05 243 iP 06 51 37.1 -1.3

mb1mx3.5/18, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=41.9km s-min=23.1km az=145.0
AUST 03 06:54:14.1-1.9, 27.58S, 125.79E, h10km, 15km, Error ellipse: s-maj=5.2km s-min=3.0km az=171.0

ISC 03 06:54:09.4-1.3, 27.41S, 125.45E, 0.11, h10km, n17, s150/11, 7C-5D, Western Australia

Code Station Name Az AZZ Phase ID Time Res h m s ISC
F0RT Forrest bazz=3.8, SNR=7.5 4.09 146 iP 06 55 14.3 +2.3
MEEK Meekatharra bazz=6.5, SNR=19 6.09 276 iP P 06 55 50.5 -5.1
KLBRR Kellerberrin 7.84 236 iP P 06 56 11.8 +8.2

ISCBJ 03 07:36:56.7-0.3, 32.74N, 0.02-115.80W, 0.02, h9km, 2km, Error ellipse: s-maj=3.0km s-min=2.3km az=35.2
MEX 03 07:36:57.9-0.7, 32.95N, 115.86W, h28km, 15km, MD3.9
ECX 03 07:36:58.2-0.9, 32.72N, 115.85W, h4km, MD3.8, ML3.9
NEIC 03 07:36:58.0, 32.71N, 115.85W, h2km, ML3.8(PAS), ML3.9(ECX), After PAS.

NEIC Fell [I] at El Centro and [II] at Calexico and Imperial. Also fell at Brawley, El Cajon, Escondido, Ocotillo, Thermal and Westmorland, Fell at Mexicali, Baja California
ISC 03 07:36:58.0, 32.71N, 115.85W, 0.02, h12km, 6km, n68, s143/104, 6C-7D, California-Baja California border region

Code Station Name Az AZZ Phase ID Time Res h m s ISC
YUH Yuha Desert 0.09 223 iP P 07 37 00.0 -0.5
YGL Mount Signal 1.02 123 iP P 07 37 00.2 -0.7
COEK Cook Ranch 0.17 123 iP P 07 37 01.5 -0.1

MWC Mount Wilson 2.38 310 ePn Pn 07 37 38.0 +1.1
MWC Landfair 2.43 14 eSg Sb 07 37 43.4 -1.1
LDFC Landfair 2.43 14 eSg Sb 07 37 43.4 -1.1

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PASADENA Pasadena Art C 2.44 307 ePn Pn 07 37 38.5 +1.1
PASC Pasadena Art C 2.44 307 ePn Pn 07 37 41.1 -0.5
PASC Pasadena Art C 2.44 307 ePn Pn 07 37 38.0 +1.1

MEX 03 07:37:09.8-1.0, 15.30N, 93.16W, h97km, 9km, MD3.5, Near coast of Chiapas

Code Station Name Az AZZ Phase ID Time Res h m s ISC
PCIG Ciguatera 0.41 352 eP 07 37 23.5 -1.2
PCIG Ciguatera 0.41 352 eP 07 37 23.5 -1.2
PCIG Ciguatera 0.41 352 eP 07 37 23.5 -1.2

IDC 03 07:40:11.9-1.9, 21.96S, 179.82W, h0km, mb4.2/5, mb1.4/5, mb1mx4.0/18, mbtmp4.2/5, MS3.3/1, Ms1.3/1, Error ellipse: s-maj=147.4km s-min=24.4km az=157.0

AUST 03 07:40:31.1, 24.73S, 178.81E, h35km, Error ellipse: s-maj=6.0km s-min=5.3km az=25.0

ISC 03 07:40:08.7-28.0, 22.35S, 0.9-17.9W, h10km, n11, s0532/6, mb4.1/5, South of Fiji Islands

Code Station Name Az AZZ Phase ID Time Res h m s ISC
DZM Mont Dzumac 13.37 268 eP 07 47 46.5 -3.5
MTSU Mount Surprise 34.49 270 P 07 47 02.2 +4.9
STKA Stephens Creek 36.09 246 P 07 47 11.0 +0.1

IDC 03 07:48:17.4-0.9, 28.80N, 58.39E, h0km, mb3.8/10, mb1.9/10, mb1mx3.8/29, mbtmp3.9/10, Error ellipse: s-maj=26.0km s-min=17.1km az=138.0

NEIC 03 07:48:19.8, 29.09N, 58.32E, h10km, mb4.0/2, MN4.2(TEH), After TEH.

ISCJB 03 07:48:20.6-0.4, 29.08N, 0.03x58.35E, 0.04, h15km, mb4.0/13, Error ellipse: s-maj=5.5km s-min=4.5km az=23.3

TEH 03 07:48:20.1, 29.16N, 58.29E, h9km, ML4.2

THR 03 07:48:20.0-1.4, 29.05N, 58.43E, h14km, 13km, ML3.7

CSEM 03 07:48:21.7-0.2, 29.09N, 58.36E, h10km, ML3.7, Error ellipse: s-maj=9.0km s-min=6.0km az=112.0

OMAN 03 07:48:29.9-9.0, 28.43N, 58.51E, h15km, Error ellipse: s-maj=6.0km s-min=5.3km az=25.0

ISC 03 07:48:22.0-0.6, 29.09N, 0.05x58.35E, 0.04, h15km, n87, s150/89, mb4.1/13, 2C-2D, Southern Iran

Code Station Name Az AZZ Phase ID Time Res h m s ISC
KRBR Kerman 1.65 303 eP 07 48 51.4 +0.7
KRBR Kerman 1.65 303 eP 07 48 51.4 +0.7
KRBR Kerman 1.65 303 eP 07 48 51.4 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BND5 Bandar-Abbas, IKOO Kooahash, ITEX Tejav, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAUV EI Baul, JACV Jacura, TURV Turiamo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, INK Inuvik, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAGN Fagnano, AOU L'Aquila, etc.

NEIC 03 08:01:04.1, 1.2, 36.06S:71.38W, h102km, MG4.1(GUC), After GUC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LNCH Linares, TALC Talca, CTCH Constitucion, etc.

NIED 03 08:27:00, 36.60N:141.10E, h32km, Mw3.7 Best double couple

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANTU Antumapu, PEL Peldehue, ROCH EI Roble, etc.

ISCJB 03 08:27:50.8, 0.6, 36.58N:0.04:141.24E:0.05, h32km, mb3.6/9, Error ellipse: s-maj=5.9km s-min=4.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA JO, JYK Yasato, JFT Otama, etc.

ISC 03 08:27:52.0, 0.3, 64.34N:0.05:141.17E:0.06, h32km, n29, s182N,38mb3.8/9, 2C-2D, Near east coast of eastern Honshu

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

ISCJB 03 08:58:04.7:0.4, 16.61S:0.08:174.25W:0.07, h111km, mb4.3/20, Error ellipse: s-maj=13.9km s-min=6.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, MSVF Nonsavu, etc.

ISC 03 08:58:06.1:0.5, 16.64S:0.08:174.14W:0.09, h111km, n54, 0.93/49, mb4.2/20, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, NIUE Niue, MSVF Nonsavu, DZM Mont Dzumac, etc.

ISCJB 03 07:53:26.9:1.1, 7.01N:0.10:72.99W:0.07, h166km, mb3.5-0

FUNV 03 07:53:28.4, 6.90N:73.05W, h157km, MW3.7, IDC 03 07:53:32.1, 6.86N:72.93W, h210km, 58km, mb3.4/5, mb1.3/6.6, mb1mx3.2/3.2, mbtmp3.5/6, MS3.1/1, ms1mx2.8/19, Error ellipse: s-maj=32.3km s-min=26.2km az=140.0

ISC 03 07:53:27.2:0.9, 6.94N:0.10:72.95W:0.08, h166km, n24, s126/27, mb4.0/5, 2C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAPV Capacho, SOCV Socops, ELOV Elorza, etc.

CSEM 03 08:58:23.1:0.5, 41.25N:14.48E, h6km, After ROM ROM 03 08:58:23.1:0.5, 41.25N:14.48E, h6km, M12.31, Error ellipse: s-maj=4.7km s-min=2.6km az=7.0, Southern Italy

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

Table with columns: SGG, Gregorio Mates, 0.15 330, Pg, Pg, 08 58 26.8 +0.4, 08 58 29.8 +1.2

Table with columns: SACR, S. Croce Del S, 0.22 49, Pg, Pg, 08 58 28.4 +0.8, 08 58 28.4 +0.8

IDC 03 09:02:21.8:5.9, 17.02Sx174.69W, h91km, 38km, mb3.3/3, mb1 3.6/4, mb1mx3.4/20, mbtms3.4/4, Error ellipse: s-maj=258.5km s-min=24.3km az=140.0, Tonga Islands

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

GUC 03 09:12:56.2:0.8, 32.77Sx71.88W, h13km, 6km, MD3.7, ML3.0, 2D, Near coast of central Chile

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

AUST 03 09:13:14.9:0.3, 8.37S, 120.56E, h174km, 4km, Error ellipse: s-maj=5.0km s-min=4.2km az=38.0

BUII 03 09:13:15.9:8.30Sx120.60E, h189km, mb4.9/17, mb4.7/25

ISCBJ 03 09:13:15.2:0.2, 8.32S, 120.60E, 0.03, h200km, mb4.5/45, Error ellipse: s-maj=4.7km s-min=2.9km az=140.2

NEIC 03 09:13:16.6:0.7, 8.20S, 120.70E, h200km, 7km, mb4.7/14, Error ellipse: s-maj=11.1km s-min=4.5km az=57.0

DJA 03 09:13:16.1:0.2, 9.5S, 121.1E, h159km, 9km, M4.7/16, mb4.9/4, mb4.8/16, ML4.8/2, Mw(mb)4.2/4

IDC 03 09:13:16.9:0.9, 8.11S, 120.75E, h202km, 6km, mb4.1/20, mb1.4/23, mb1mx1.4/31, mbtms4.6/23, MSZ 7/1, Ms1 2.7/1, ms1mx2.5/33, Error ellipse: s-maj=15.5km s-min=6.4km az=62.0

BKK 03 09:13:17.6:0.3, 8.5S, 121.1E, h200km, M4.6/16, mb4.9/3, mb4.6/16, ML4.6/1, Mw(mb)4.2/3

ISC 03 09:13:17.0:0.3, 8.26S, 120.69E, 0.05, h200km, n186, f184/201, mb4.6/45, 18C-14D, Flores region

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

Table with columns: KSM, Kuching, 14.16 313, P, P, 09 16 31.9 +1.1, 09 16 28.5 -0.6

Table with columns: KSM, Kuching, 14.16 313, ePn, Pn, 09 16 28.4 -0.7, 09 16 35.1 +3.4

WRA Warramunga Arr 17.59 133, P, P, 09 17 08.3 -0.2, 09 17 08.3 -0.2

Table with columns: WRA, Warramunga Arr, 17.59 133, P, P, 09 17 08.3 -0.2, 09 17 08.3 -0.2

WRAB Tennant Creek 17.59 133, eP, P, 09 17 08.5 0.0, 09 17 08.5 0.0

Table with columns: WRAB, Tennant Creek, 17.59 133, eP, P, 09 17 08.5 0.0, 09 17 08.5 0.0

KTGM Kuala Trengganu 21.16 317, P, P, 09 17 57.0 +0.5, 09 17 57.2 +0.1

Table with columns: KTGM, Kuala Trengganu, 21.16 317, P, P, 09 17 57.0 +0.5, 09 17 57.2 +0.1

IPM Iloilo 23.34 302, P, P, 09 18 07.9 +0.2, 09 18 07.8 +0.2

Table with columns: IPM, Iloilo, 23.34 302, P, P, 09 18 07.9 +0.2, 09 18 07.8 +0.2

PSI Prapat 24.33 296, P, P, 09 18 17.2 +0.4, 09 18 17.2 +0.4

Table with columns: PSI, Prapat, 24.33 296, P, P, 09 18 17.2 +0.4, 09 18 17.2 +0.4

NWAO Narrogin (SRO) 24.75 187, eP, P, 09 18 20.0 -0.2, 09 18 19.7 -0.5

Table with columns: NWAO, Narrogin (SRO), 24.75 187, eP, P, 09 18 20.0 -0.2, 09 18 19.7 -0.5

RMQ Roma 32.22 128, P, P, 09 19 12.3 +1.0, 09 19 12.5 +0.9

Table with columns: RMQ, Roma, 32.22 128, P, P, 09 19 12.3 +1.0, 09 19 12.5 +0.9

Table with columns: LZH Lanzhou, 46.88 341, eP, P, 09 21 31.2 +3.8, 09 21 28.6 -2.5

Table with columns: LZA Lanzhou, 46.88 341, eP, P, 09 21 31.2 +3.8, 09 21 28.6 -2.5

RAMN Ramite 48.14 318, eP, P, 09 21 36.6 -0.8, 09 21 36.6 -0.8

Table with columns: RAMN, Ramite, 48.14 318, eP, P, 09 21 36.6 -0.8, 09 21 36.6 -0.8

JIRN Jiri 48.88 318, eP, P, 09 21 42.1 -1.1, 09 21 44.8 -1.2

Table with columns: JIRN, Jiri, 48.88 318, eP, P, 09 21 42.1 -1.1, 09 21 44.8 -1.2

GUN Gumba 49.25 318, eP, P, 09 21 44.8 -1.2, 09 21 44.8 -1.2

Table with columns: GUN, Gumba, 49.25 318, eP, P, 09 21 44.8 -1.2, 09 21 44.8 -1.2

PKIN Pulchoki 49.35 317, eP, P, 09 21 44.9 -1.8, 09 21 46.8 -1.5

Table with columns: PKIN, Pulchoki, 49.35 317, eP, P, 09 21 44.9 -1.8, 09 21 46.8 -1.5

DMN Daman 49.57 317, eP, P, 09 21 46.8 -1.5, 09 21 47.1 -1.2

Table with columns: DMN, Daman, 49.57 317, eP, P, 09 21 46.8 -1.5, 09 21 47.1 -1.2

KKN Kakani 49.57 318, eP, P, 09 21 47.1 -1.2, 09 22 49.6 -4.7

Table with columns: KKN, Kakani, 49.57 318, eP, P, 09 21 47.1 -1.2, 09 22 49.6 -4.7

HHC Hu-ho-hao-te 49.59 351, eP, P, 09 23 50.3 +5.8, 09 23 50.3 +5.8

Table with columns: HHC, Hu-ho-hao-te, 49.59 351, eP, P, 09 23 50.3 +5.8, 09 23 50.3 +5.8

Table with 4 columns: LPAZ, ePKPab, PKPab, and values for various stations like La Paz, comp-Z, 0.9nm, 0.6s, etc.

Table with 4 columns: 26nm, 1.0s, SONM, and values for stations like Songo Array, Makanchi Array, etc.

Table with 4 columns: ILAR, Eielson Array, and values for stations like 82.47 11 P, 0.4nm, 0.9s, etc.

ISCJB 03 10:20:02.0, 2.0, 2.0:23N:0.03:122.09E:0.04, h202km, mb4.2/26, Error ellipse: s-maj=6.0km s-min=3.9km az=149.3

DJA 03 10:20:04.0, 3.0, 2.0:0.2N:3.12:2E.1, h151km, 3km, M4.8/8, mb5.3/1, mb4.8/8, MLV4.8/5, Mw(MB)4.8/1

NEIC 03 10:20:04.1, 1.7, 0.20N:122.03E:1.195km, mb4.4/9, Error ellipse: s-maj=18.5km s-min=7.4km az=67.0

AUST 03 10:20:04.7, 0.00N:122.00E: h200km

BKKT 03 10:20:05.2, 0.3, 0.0:1N:6.12:2E.2, h180km, 5km, M4.8/9, mb5.0/2, mb4.6/9, MLV4.9/5, Mw(MB)4.3/2

IDC 03 10:20:05.7, 1.7, 0.16N:121.98E: h213km, 16km, mb4.0/16, mb1.4/1.7, mb1mx3.9/28, mbtmp4.5/17, Error ellipse: s-maj=18.7km s-min=6.3km az=75.0

ISC 03 10:20:04.6, 0.4, 0.21N:105.122:1.0E:0.06, h202km, n99, r154/111, mb4.4/26, Minahassa Peninsula, Sulawesi

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MRSI Marisa, GTOI Gorontalo, LUWI Luwuk, etc.

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, TKMZ Tokmak 2, AAK Ala-Archa, etc.

AUST 03 10:21:44.9, 24:17S:174.63W, h60km

ISCJB 03 10:22:56.7, 1.7, 23.75S:0.10:179.5W:0.2, h512km, mb4.2/8, Error ellipse: s-maj=30.3km s-min=11.6km az=167.5

IDC 03 10:22:59.9, 4.8, 2.3:72S:179.64W, h532km, 46km, mb3.7/8, mb1.3/8/10, mb1mx3.5/22, mbtmp3.7/10, Error ellipse: s-maj=36.6km s-min=27.8km az=58.0

ISC 03 10:22:58.4, 1.0, 23.85S:174.63W:0.1, h512km, n38, r150/38, mb4.1/8, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumak, URZ Urewera, EIDS Eidsvoll, etc.

IDC 03 10:23:35.8, 9.9, 15.52S:172.87W, h0km, mb3.6/3, mb1.3/9/3, mb1mx3.6/20, mbtmp3.6/3, MS3.7/1, Ms1.3/7.1, ms1mx3.0/29, Error ellipse: s-maj=43.0km s-min=24.4km az=138.0, Samoa Islands region

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamallo, WRA Warramunga Arr, etc.

PRE 03 10:45:07.4, 2.1, 0.54N:29.89E: h10km, ML3.6, ISC 03 10:45:08.4, 1.0, 5N:0.2:30.0E:0.2, h14km, n5, r0835/6, 1C, Uganda

Table with 4 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MBAR Mbarara, KIG Kigali, etc.

IDC 03 10:53:46.4, 3.5, 0.18N:30.05E: h0km, mb3.9/2, mb1.4/0.3, mb1mx3.6/26, mbtmp3.8/3, ML3.4/1, Error ellipse: s-maj=144.0km s-min=27.2km az=19.0

ISCJB 03 10:53:47.4, 1.0, 0.50N:0.06:30.21E:0.08, h14km, mb3.9/2, Error ellipse: s-maj=12.1km s-min=8.5km az=155.3

PRE 03 10:53:48.2, 1.3, 0.50N:30.16E: h10km, ML3.5, ISC 03 10:53:48.7, 1.1, 0.38N:0.08:30.13E:0.09, h14km, n6, r156/110, 1C, Uganda

Table with 4 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MBAR Mbarara, KIG Kigali, KIMBO Kilima Mbogo, etc.

ISCJB 03 10:56:28.1, 0.3, 32.74N:0.02:115.64W:0.02, h10km, 3km, Error ellipse: s-maj=3.1km s-min=2.5km az=25.5

MEX 03 10:56:29.3, 0.9, 31.97N:115.54W, h6km, 12km, MD3.8, ECX 03 10:56:29.9, 0.7, 32.70N:115.67W, h5km, MD3.6, ML3.8, NEIC 03 10:56:29.4, 32.68N:115.66W, h5km, ML3.6(PAS), ML3.9(EXT), After PAS

NEIC Felt [I] at El Centro. Also felt at Borrego Springs, Calexico and Imperial. Felt [II] at Mexicali, Baja California.

ISC 03 10:56:28.6, 0.9, 32.68N:0.02:115.66W:0.02, h13km, 6km, n42, r1922/69, 3C-6D, California-Baja California border region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SGL Mount Signal, COK Cook Ranch, YUH Yuma Desert, etc.

3d 11h

Table with columns: ISA, Isabella, 3.78 323 ePn, Pn, 10 57 26.4 -0.4, etc.

IDC 03 10:58:36.8,0.8, 10:21N:126:29E, h0km, mb4.0/1.0, mb1 4.1/1.0, mb1mx3.9/2.6, mbtmp4.0/1.0, MS3.8/1, Ms1 3.8/1, ms1mx2.7/4.5, Error ellipse: s-maj=59.9km s-min=14.8km az=73.0

ISCJB 03 10:58:42.6, 1.2, 10:20N:0.05:126:32E:0.09, h59km, 11km, mb3.9/1.0, MS3.7/1, Error ellipse: s-maj=14.3km s-min=7.2km az=166.9

MAN 03 10:58:42, 10:21N:126:31E, h38km, mb5.0, ML3.9, MS4.0, ISC 03 10:58:43.9, 1.9, 10:19N:0.05:126:3E:0.1, h5, n3.0, 0.86/2.8, mb4.0/1.0, SC-1D, Philippine Islands region

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.

WEL 03 11:05:19.5, 0.5, 35:98S:178:34E, h167km, 4km, ML3.8/0.8, 2D, Error ellipse: s-maj=4.9km s-min=3.9km az=93.0, Off east coast of North Island

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

GUC 03 11:07:42.2, 0.4, 32:76S:71:90W, h20km, 2km, MD3.6, ML3.0, 1D, Near coast of central Chile

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

IDC 03 11:11:03.8, 1.1, 1:55S:99:40E, h0km, mb3.8/6, mb1 3.8/8, mb1mx3.7/2.5, mbtmp3.7/8, ML2.6/1, Error ellipse: s-maj=50.0km s-min=16.9km az=58.0

ISCJB 03 11:11:06.6, 1.3, 1:45S:2:99:5E:0.3, h30km, mb3.8/6, Error ellipse: s-maj=42.4km s-min=13.6km az=151.3

ISC 03 11:11:08.7, 1.3, 1:45S:0:2:9E:0.3, h30km, n19, 0.87/1.1, mb3.8/6, Southern Sumatra

2009 NOV

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

IGQ 03 11:11:28.8, 2.51S:79:48W, h12km, 108km, Mb4.0, Ms3.8, 2D, Error ellipse: s-maj=5.2km s-min=3.5km az=5.9, Near coast of Ecuador

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

ISCJB 03 11:29:52.3, 0.7, 59:33N:0.03:27:06E:0.08, h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=13.7

CSEM 03 11:29:52.1, 0.5, 59:32N:27:24E, h1km, ML2.2, Error ellipse: s-maj=1.14km s-min=6.2km az=94.0, Mining explosion

NAO 03 11:29:52.5, 1.1, 59:29N:26:94E, ML2.2, BER 03 11:29:53.2, 3.3, 59:30N:27:05E, h0km, ML2.2(NAO), Suspected explosion

HEL 03 11:29:53.2, 1.0, 59:35N:27:13E, h0km, ML1.9, Explosion, ISC 03 11:29:51.7, 0.9, 59:31N:0.03:27:15E:0.05, h0km, n37, 0.13/1.56, Baltic States - Belarus - Northwestern Russia

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: FIAO, SNR=36, Lg, Lg, 11 31 01.5, etc.

IDC 03 11:30:04.0, 4.0, 56:91S:24:92W, h0km, mb5.0/1.6, mb1 5.0/1.7, mb1mx4.9/2.0, mbtmp4.9/1.7, ML4.5/1.9, MS4.5/1.9, Ms1 4.5/1.9, ms1mx4.4/2.5, Error ellipse: s-maj=14.2km s-min=13.6km az=54.0

BUI 03 11:30:05.0, 56:90S:24:90W, h10km, mb5.5/1.3, Ms5.5/8, Ms7.5/11

ISCJB 03 11:30:06.0, 0.3, 56:95S:0.05:24:9W:0.1, h22km, mb5.2/38, MS4.8/109, Error ellipse: s-maj=8.7km s-min=6.7km az=151.1

NEIC 03 11:30:06.5, 1.9, 56:93S:24:94W, h12km, 11km, mb5.4/2.7, Error ellipse: s-maj=7.7km s-min=6.4km az=215.0

MOS 03 11:30:09.0, 1.1, 56:91S:24:54W, h33km, mb5.5/1.3, MS4.9/12, Error ellipse: s-maj=28.2km s-min=12.1km

DJA 03 11:30:14.1, 1.4, 3.57S:15:24W:2.6, h51km, 33km, M4.9/9, mb6.0/2, mb4.9/9, Mw(MB)5.7/2

ISC 03 11:30:08.0, 0.3, 56:95S:0.07:25:19W:0.06, h22km, n328, 0.13/2/292, ms5.3/37, MS4.8/109, 3C-5D, South Sandwich Islands region

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

PMSA Palmer Station 20.15 231 eP, Pn, 11 34 41.8 -0.4

PMSA Palmer Station 20.15 231 P, Pn, 11 34 41.8 -0.3

USHA Ushuaia 24.03 257 P, P, 11 35 21.6 +0.6

USHA Ushuaia 24.03 257 P, P, 11 35 21.6 +0.6

SYO Syowa Base 30.15 140f P, P, 11 36 13.0 -2.7

SYO Syowa Base 30.15 140f eP, P, 11 36 13.0 -2.7

TRQA Trqaonka 37.01 292 eP, P, 11 36 19.8 -1.2

PLCA Paso Flores 33.25 280 ScP, ScP, 11 36 41.8 -0.2

PLCA Paso Flores 33.25 280 ScP, ScP, 11 36 41.8 -0.2

QSPA South Pole Qui 33.26 180 P, P, 11 36 43.4 +0.1

QSPA South Pole Qui 33.26 180 P, P, 11 36 43.4 +0.1

QSPA South Pole Qui 33.26 180 P, P, 11 36 43.4 +0.1

QSPA South Pole Qui 33.26 180 P, P, 11 36 43.4 +0.1

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6

MAW Mawson 38.73 142 P, P, 11 37 29.3 -0.6





3d 14h

Table with columns: ARU, Arti, 131.51 48, PFAKE LR, LR, 11 49 30.0 +13, SML SML, SML SEW, SML SEW, 151.48 300, ePKPb, ePKPb, 11 49 59.0 -0.1, MKAR 0.9nm, 0.4s, baz=158, slow=8.7, SNR=9.7, pP, pP, 13 20 09.4 +0.4

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Table with columns: SML SML, SML SEW, SML SEW, 151.48 300, ePKPb, ePKPb, 11 49 59.0 -0.1, MKAR 0.9nm, 0.4s, baz=158, slow=8.7, SNR=9.7, pP, pP, 13 20 09.4 +0.4

96

Table with columns: MKAR 0.9nm, 0.4s, baz=158, slow=8.7, SNR=9.7, pP, pP, 13 20 09.4 +0.4, ZALV Zalesovo Beam 56.24 349 P, 13 20 47.0 -0.2, ZALV 0.8nm, 0.5s, baz=145, slow=6.0, SNR=6.1, pP, 13 20 53.8 -0.2, TXAR Lajitas Array 143.90 37 PKP, PKPbc, 13 30 42.0 +0.9, TXAR 0.5nm, 0.6s, baz=171, slow=1.3, SNR=5.7, pPKP, pPKPdf, 13 30 49.1 -1.5

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details like CNP, LLP, RCP, etc.

MAN 03 15:02:06, 15.01N, 119.62E, h1km, mb4.8, ML3.7, MS3.7, 1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SCZP, BOLP, PCPH, etc.

MAN 03 15:27:43, 15.07N, 119.68E, h1km, mb4.9, ML3.9, MS3.9, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SCZP, BOLP, LUBP, etc.

MAN 03 15:36:46, 15.11N, 119.76E, h3km, mb5.3, ML4.2, MS4.5

ISCJB 03 15:36:47.9, 1.0, 1.5, 162.0, 0.05, 119.69E, 0.10, h52km, 10km, mb4.0, 1.0, MS3.0/10, Error ellipse: s-maj=16.1km s-min=7.8km az=165.7

IDC 03 15:36:52.7, 1.8, 1.5, 108N, 120.07E, h81km, 17km, mb3.6/12, mb1 3.8/12, mb1mx3.6/27, mbtmp3.6/12, MS3.6/10, Ms1 3.6/10, ms1mx3.3/31, Error ellipse: s-maj=43.1km s-min=11.8km az=63.0

ISC 03 15:36:49.1, 1.5, 15.10N, 119.7E, 0.1, h46km, 15km, n29, r145/30, mb4.0/11, MS3.5/10, 4C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SCZP, BOLP, PCPH, etc.

ISC 03 15:36:49.1, 1.5, 15.10N, 119.7E, 0.1, h46km, 15km, n29, r145/30, mb4.0/11, MS3.5/10, 4C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like BALP, DOLORES, SIPP, etc.

ISC 03 15:36:49.1, 1.5, 15.10N, 119.7E, 0.1, h46km, 15km, n29, r145/30, mb4.0/11, MS3.5/10, 4C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 15:36:49.1, 1.5, 15.10N, 119.7E, 0.1, h46km, 15km, n29, r145/30, mb4.0/11, MS3.5/10, 4C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 15:36:49.1, 1.5, 15.10N, 119.7E, 0.1, h46km, 15km, n29, r145/30, mb4.0/11, MS3.5/10, 4C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 15:47:00.2, 2.7, 3.66S, 131.23E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/19, mbtmp3.5/4, ML3.6/2, MS3.4/2, Ms1 3.4/2, ms1mx2.9/17, Error ellipse: s-maj=133.3km s-min=32.3km az=83.0

ISCJB 03 15:47:02.8, 0.6, 3.51S, 0.05x131.07E, 0.07, h30km, mb3.6/2, MS3.4/2, Error ellipse: s-maj=10.8km s-min=6.3km az=26.7

AUST 03 15:47:05.4, 3.48S, 131.01E, h100km, DUA 03 15:47:06.5, 0.3, 3.51S, 0.3x131.1E, h87km, 10km, M4.0/7, mb4.1/4, ML3.9/7

ISC 03 15:47:04.2, 5.1, 3.57S, 0.05x131.23E, 0.05, h30km, n21, r248/22, Irian Jaya, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like FAKI, BNDI, KAIMANA, etc.

2009 NOV

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like KDU, MTRN, KNR, etc.

ISCJB 03 15:59:36, 1.1, 1.1, 52.5S, 0.1x18.7E, 0.3, h10km, mb3.8/5, MS3.1/6, Error ellipse: s-maj=28.4km s-min=20.5km az=2.4

IDC 03 15:59:36.2, 1.0, 52.54S, 18.62E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.7/19, mbtmp3.8/5, MS3.2/6, Ms1 3.2/6, ms1mx3.1/28, Error ellipse: s-maj=49.5km s-min=23.8km az=68.0

ISC 03 15:59:37.7, 1.0, 52.5S, 0.2x18.8E, 0.3, h10km, n18, r097/11, mb3.7/5, MS3.0/6, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 15:59:37.7, 1.0, 52.5S, 0.2x18.8E, 0.3, h10km, n18, r097/11, mb3.7/5, MS3.0/6, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:41.3, 0.7, 52.5S, 0.1x18.6E, 0.2, h13km, mb4.1/10, MS3.8/13, Error ellipse: s-maj=21.1km s-min=14.6km az=173.4

IDC 03 16:20:41.0, 0.7, 52.5S, 18.70E, h0km, mb4.1/10, mb1 4.2/10, mb1mx4.0/20, mbtmp4.1/10, MS3.8/13, Ms1 3.8/13, ms1mx3.7/24, Error ellipse: s-maj=32.5km s-min=17.8km az=67.0

NEIC 03 16:20:42.0, 3.0, 52.60S, 18.60E, h10km, mb4.5/3, Error ellipse: s-maj=22.6km s-min=13.0km az=72.0

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

ISC 03 16:20:43.0, 0.6, 52.6S, 0.1x18.7E, 0.2, h13km, n51, r087/32, mb4.1/10, MS3.8/13, Southwest of Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like SUR, SNA, SNA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like STKA, ASAR, WRA, etc.

ISCJB 03 16:26:03, 7.0, 5.21, 19N, 0.1x94.68E, 0.09, h97km, mb3.9/16, Error ellipse: s-maj=18.2km s-min=4.6km az=36.5

IDC 03 16:26:03.2, 3.2, 5.21, 187N, 94.78E, h122km, 31km, mb3.6/15, mb1 3.7/16, mb1mx3.6/30, mbtmp3.9/16, Error ellipse: s-maj=31.2km s-min=12.1km az=56.0

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

ISC 03 16:26:05.0, 0.7, 21.8N, 0.1x94.7E, 0.1, h97km, n31, r164/40, mb3.8/16, 1D, Myanmar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and station details like IMP, SHL, SHL, etc.

3d 18h

Table with columns: LPAZ, comp, h, m, s, b, az, slow, SNR, S, P, 16 36 21.8 -0.4

KRSC 03 16:36:23.9-6.5, 54.08N, 163.45E, h22km, 21km, ML3.6

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

MAN 03 16:39:03, 5.71N, 125.09E, h7km, mb4.4, ML3.3, MS3.2

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

GUC 03 17:10:53.8-0.7, 32.48S, 71.65W, h32km, 3km, MD3.5

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

IDC 03 17:12:36.0-10.0, 15.27S, 172.95W, h0km, mb3.7/2, mb1.3/9.2, mb1mx3.6/20, mbtm3.7/2, Error ellipse: s-maj=512.7km s-min=25.4km az=142.0, Samoa Islands region

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

IDC 03 17:24:54.3-1.4, 8.07S, 127.91E, h0km, mb3.6/3, mb1.3/7.6, mb1mx3.6/20, mbtm3.6/6, ML3.6/3, Error ellipse: s-maj=66.8km s-min=20.0km az=74.0

ISCJB 03 17:24:57.2-0.8, 8.09S, 0.06x127.91E-0.08, h3km, mb3.5/3, Error ellipse: s-maj=11.9km s-min=9.2km az=167.2

AUST 03 17:24:58.7-1.0, 7.89S, 127.79E, h88km, Error ellipse: s-maj=1.8km s-min=1.1km az=342.0

ISC 03 17:24:59.0-0.9, 8.04S, 0.08x128.05E-0.09, h35km, n14, r15/15, mb3.5/3, Timor Sea

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

NIED 03 17:52:00, 32.30N, 141.90E, h5km, Mw3.5 Best double couple: M1: 1.97000x10^4 NP1: 354.00000, 857.00000, 1.86.00000, NP2: 182.00000, 833.00000, 1.96.00000, JMA 03 17:52:16.7-0.3, 32.33N, 141.94E, h0km, M3.5

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ISCJB 03 17:52:20.6-1.0, 32.29N, 0.06x142.0E-0.1, h39km, mb3.5/5, Error ellipse: s-maj=14.9km s-min=7.5km az=164.3

IDC 03 17:52:21.2-4.2, 4.31S, 95N, 140.87E, h0km, mb3.4/5, mb1.3/6.7, mb1mx3.5/27, mbtm3.5/7, ML3.1/2, Error ellipse: s-maj=80.0km s-min=21.3km az=67.0

ISC 03 17:52:23.3-1.3, 32.30N, 0.08x141.9E-0.1, h39km, n14, r15/15, mb3.4/5, Southeast of Honshu

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

IDC 03 17:57:36.0-1.6, 40.59N, 48.80E, h0km, mb3.7/6, mb1.3/7.10, mb1mx3.5/30, mbtm3.6/10, ML3.2/3, Error ellipse: s-maj=31.0km s-min=12.6km az=168.0

AZER 03 17:57:38.1-0.0, 40.59N, 48.71E, h36km, Error ellipse: s-maj=0.2km s-min=0.2km az=339.0

ISCJB 03 17:57:40.3-0.3, 40.66N, 0.03x48.74E-0.04, h45km, 4km, mb3.6/6, Error ellipse: s-maj=5.6km s-min=5.0km az=150.7

CSEM 03 17:57:40.2-0.2, 40.64N, 48.73E, h33km, 3km, mb3.7/7, Error ellipse: s-maj=7.7km s-min=5.8km az=143.0

ISC 03 17:57:40.1-0.8, 40.59N, 0.02x48.77E-0.02, h30km, 7km, n46, r136/69, mb3.7/6, 16C-11D, Eastern Caucasus

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

NIED 03 18:03:00, 26.30N, 141.00E, h89km, Mw5.3 Best double couple: M1: 1.4000x10^7 NP1: 353.00000, 1.63.00000, 1.96.00000, NP2: 159.00000, 328.00000, 1.78.00000

BUI 03 18:03:47.7, 26.17N, 141.70E, h81km, mb5.1/38, mb5.2/61, Ms4.7/46, Ms7.4/43

BGS 03 18:03:51.1-2.3, 25.35N, 140.83E, h109km, mb5.7

ISCJB 03 18:03:53.8-0.4, 26.37N, 0.02x141.06E-0.02, h97km, 3km, mb5.5/302, Error ellipse: s-maj=3.0km s-min=2.3km az=152.4

MOS 03 18:03:53.9-0.8, 26.28N, 140.98E, h108km, mb5.6/99, Ms4.3/36, Error ellipse: s-maj=7.1km s-min=3.8km az=109.0

IDC 03 18:03:53.6-0.8, 26.32N, 141.14E, h92km, 6km, mb5.2/38, mb1.5/340, mb1mx3.3/40, mbtm3.5/40, Ms4.2/37, Ms1.4/237, ms1mx4.1/51, Error ellipse: s-maj=9.8km s-min=7.3km az=78.0

JMA 03 18:03:53.7, 26.30N, 141.05E, h33km, M5.6

NEIC 03 18:03:55.4-0.1, 26.26N, 141.02E, mb5.5/138, MW5.3(NIED), Error ellipse: s-maj=3.7km s-min=3.1km az=107.0

NEIC Recorded (3 JMA) in the Chichijima-retto and Hahajima-retto

GCMT 03 18:03:57.3-0.1, 26.26N, 141.37E, h96km, 1km, Mw5.3, Moment Tensor Solution, s85.c134, s99.c198, Moment tensor: Scale 10^17Nm, Mr1: 1.0E-02; Ms0-0.31E-02; Ms1-0.72E-02; Ms2-0.25E-02; Ms3-0.02E-02; Best double couple: M1: 1.0000x10^17 NP1: 324.00000, 853.00000, 1.84.00000, NP2: 154.00000, 837.00000, 1.98.00000, Principal axes: T: 1.500, Pg: 0.00000, Azm206.00000; N: -0.0300, Plg5.00000, Azm327.00000; P: -1.1200, Plg8.00000; Azm588.00000; DataZ: 327.00000; CN: Surface waves from 105 sta.

DJA 03 18:04:00.6-1.4, 26.16N, 141.1E, h156km, 14km, M5.3/59, mb5.6/59, mb5.8/37, Mw(mb5).5/37

ISC 03 18:03:54.4-0.2, 26.30N, 0.03x141.21E-0.03, h99km, 1km, h99km, pp-P, N1412, r1952/1644, mb5.5/313, 318C-2500

Bonn islands region

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



3d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MYKOM Kota Tinggi, HVS Khovu-Angki, KGM Kluang, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like GKN Gorkha, AS01 Alice Springs, AS31 Alice Springs, etc.

100

Table with columns for station name, frequency, power, and other technical details. Includes stations like FRU Bishkek, USP Ospanovka, AAK Ala-Archa, etc.

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like KBL, Canberra, CAN, etc.

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like ASHO, ARQ, ARQ, etc.

Table with columns: Call sign, Name, Frequency, Power, and other technical details. Includes stations like AKH, IKOM, KULLO, etc.





Table with columns: SRU, comp=Z,71nm,0.8s, San Rafael, 86.67, 48, eP, P, 18 16 28.1 +0.6, 18 16 57.0 +3.7, 18 16 58.4 +1.3, 18 16 28.9 +1.3, 18 16 52.9 -0.6, 18 16 28.9 +1.3, 18 16 52.9 -0.6, 18 16 28.9 +1.3, 18 16 28.9 +1.3, 18 16 26.7 -0.8, 18 16 26.7 -0.8, 18 16 26.3 -1.3, 18 16 26.7 -0.8, 18 16 27.5 -0.2, 18 16 27.5 -0.2, 18 16 27.7 -0.2, 18 16 27.7 -0.2, 18 16 27.9 +1.2, 18 16 27.9 -0.3, 18 16 27.9 -0.3, 18 16 29.6 +1.0, 18 16 29.3 +1.0, 18 16 29.6 +0.9, 18 16 29.1 +0.5, 18 16 29.6 +0.6, 18 16 29.8 +1.1, 18 16 29.2 +0.5, 18 16 29.8 +1.1, 18 16 30.2 +0.1, 18 16 27.3 -3.2, 18 16 31.1 +1.0, 18 16 31.4 +1.3, 18 16 30.9 +0.4, 18 16 31.5 +0.9, 19 01 06.4, 18 16 32.3 +1.1, 18 16 29.7 -1.0, 18 16 29.7 -1.0, 18 16 32.1 +1.2, 18 16 31.0 -0.3, 18 16 32.0 -1.1, 18 16 32.0 -1.1, 18 16 32.3 +1.0, 18 16 31.1 +1.1, 18 16 29.9 -1.6, 18 16 57.1 -0.3, 18 26 59.9 -5.1, 18 16 32.9 +0.8, 18 16 54.8 -3.3, 18 16 32.7 +0.6, 18 16 33.1 +1.1, 18 16 33.2 +1.3, 18 16 31.4 -0.4, 18 16 31.4 -0.4, 18 16 31.4 -0.4, 18 16 33.0 +0.7, 18 16 33.8 +1.3, 18 16 33.4 +1.1, 18 16 33.6 +1.1, 18 16 31.7 -0.6, 18 16 31.9 -0.6, 18 16 33.2 +0.4, 18 16 33.5 +0.6, 18 16 30.7 -2.3, 18 16 31.2 -1.6, 18 16 31.2 -1.6, 18 16 33.9 +0.6, 18 16 34.1 +1.1, 18 16 34.7 +1.3, 18 16 34.4 +0.7, 18 16 57.6 -2.1, 18 16 35.0 +1.2, 18 16 34.5 +1.1, 18 16 32.9 -0.4, 18 16 34.4 +1.0, 18 16 35.0 +1.2, 18 16 34.3 +0.5, 18 17 00.3 +0.6, 18 16 34.3 +0.5, 18 17 00.3 +0.6, 18 16 32.4 -1.4, 18 16 32.4 -1.4, 18 16 32.4 -1.4, 18 16 34.8 +0.7, 18 16 35.1 +0.8, 18 16 33.3 -0.5, 18 16 33.3 -0.5, 18 16 35.2 +1.1, 18 16 35.3 +1.2, 18 16 32.4 -1.7, 18 16 32.4 -1.7, 18 16 35.1 +0.9, 18 16 35.2 +0.7, 18 16 35.6 +0.7, 18 16 36.1 +1.2

Table with columns: ARR, Arges, 88.31, 321, jP, P, 18 16 35.1 0.0, 18 16 36.0 +0.6, 18 16 37.3 +1.4, 18 16 36.6 +1.0, 18 16 36.4 +0.8, 18 16 36.8 +1.0, 18 16 37.6 +1.4, 18 16 37.3 +1.1, 18 16 37.9 +0.6, 18 17 03.8 +1.5, 18 16 35.3 -0.7, 18 16 35.3 -0.7, 18 16 37.0 +1.0, 18 16 36.8 +0.5, 18 16 34.8 -1.7, 18 16 35.9 -0.2, 18 17 05.2 +3.1, 18 16 36.5 +0.3, 18 55 31.6, 18 16 37.5 +0.8, 18 16 35.5 -0.9, 18 16 35.5 -0.9, 18 16 38.0 +1.2, 18 16 38.7 +1.6, 18 16 38.4 +1.1, 18 16 37.7 +0.8, 18 16 38.8 +1.5, 18 16 38.0 -1.2, 18 16 38.9 +1.3, 18 16 38.3 +0.6, 18 16 35.4 -1.9, 18 16 35.8 +1.2, 18 16 38.6 +1.1, 18 16 39.5 +1.4, 18 16 38.6 +0.8, 18 16 39.5 +1.2, 18 16 50.0 +1.2, 18 16 38.9 +0.7, 18 16 39.4 +0.9, 18 16 39.6 +0.7, 18 16 39.8 +0.9, 18 16 40.4 +1.5, 18 16 40.4 +1.7, 18 16 40.6 +1.6, 18 16 37.9 -0.8, 18 16 37.6 -1.1, 18 16 39.7 +0.8, 18 16 40.5 +1.2, 18 16 40.2 +1.1, 18 16 41.2 +1.6, 18 16 40.3 +1.0, 18 16 38.9 -0.5, 18 16 38.9 -0.5, 18 16 37.5 -1.9, 18 16 41.2 +1.2, 18 16 38.9 -0.8, 18 16 38.9 -0.8, 18 16 38.5 -1.2, 18 16 39.6 -0.1, 18 16 41.4 +1.3, 18 16 40.8 +0.9, 18 16 38.6 -1.3, 18 16 38.5 -1.3, 18 16 41.0 +1.1, 18 16 41.9 +1.6, 18 16 41.0 +0.8, 18 16 39.3 -0.8, 18 16 39.5 -0.7, 18 16 39.5 -0.7, 18 16 39.5 -0.8, 18 16 39.5 -0.8, 18 16 39.5 -0.8, 18 16 42.2 +1.3, 18 16 41.8 +1.0, 18 16 39.1 -1.3, 18 16 39.1 -1.3, 18 16 42.1 +1.0, 18 17 11.4 +4.4, 18 16 42.1 +1.0, 18 16 42.1 +1.0, 18 17 11.4 +4.4, 18 16 42.4 +1.3, 18 16 42.8 +1.7, 18 16 43.5 +2.0, 18 16 43.5 +1.7, 18 16 43.2 +1.6, 18 16 42.8 +1.2, 18 16 42.2 +0.6, 18 16 42.9 +0.9, 18 16 42.7 +1.3, 18 16 43.7 +1.3, 18 16 43.7 +1.2, 18 16 40.7 -1.4, 18 16 40.7 -1.4

Table with columns: BZS, Buzias, 89.84, 322, jP, P, 18 16 40.7 -1.4, 18 16 44.2 +1.4, 18 16 44.3 +1.5, 18 16 42.2 0.0, 18 17 05.0 -3.2, 18 16 43.8 +1.2, 18 16 43.2 +0.6, 18 16 43.1 +0.6, 18 16 42.4 -0.3, 18 16 42.2 -0.8, 18 16 44.6 +1.1, 18 16 41.8 -1.3, 18 16 44.9 +1.5, 18 17 12.8 +3.4, 18 16 44.9 +1.5, 18 17 12.8 +3.4, 18 16 42.1 -0.9, 18 16 42.1 -0.9, 18 16 44.0 +0.8, 18 16 44.9 +1.4, 18 59 34.1, 18 16 45.1 +1.3, 18 16 43.1 -0.4, 18 17 15.4, 18 16 43.1 -0.4, 18 17 15.4 +5.9, 18 16 45.0 +0.9, 18 16 42.4 -1.3, 18 16 42.4 -1.3, 18 16 45.1 +1.0, 18 16 44.6 +0.7, 18 16 45.8 +1.4, 18 16 45.7 +1.3, 18 16 46.3 +1.7, 18 16 45.9 +1.2, 18 16 42.7 -1.5, 18 16 42.7 -1.5, 18 16 46.3 +1.1, 18 16 45.6 +0.7, 18 16 45.6 +0.6, 18 16 44.2 -0.6, 18 16 46.6 +1.2, 18 16 47.5 +1.8, 18 16 46.5 +1.0, 18 16 43.4 -1.8, 18 16 44.0 -1.3, 18 16 43.6 -1.7, 18 16 43.6 -1.7, 18 16 45.1 -0.4, 18 16 43.9 -1.6, 18 17 16.8, 18 16 43.9 -1.6, 18 17 16.8 +5.3, 18 16 46.5 +0.8, 18 16 47.2 +1.2, 18 16 47.4 +1.2, 18 16 45.2 -0.9, 18 16 47.2 +0.8, 18 16 45.5 +0.2, 18 16 47.9 +0.8, 18 16 48.4 +1.7, 18 16 47.3 +0.8, 18 16 47.8 +0.9, 18 17 16.5 +3.7, 18 16 48.3 +1.5, 18 16 48.4 +1.4, 18 16 47.4 +0.8, 18 16 46.5 -0.4, 18 16 46.5 -0.4, 18 16 48.0 +1.0, 18 16 48.4 +1.0, 18 16 49.4 +1.8, 18 16 48.5 +0.9, 18 16 49.5 +1.5, 18 16 46.5 -1.0, 18 16 49.5 +1.6, 18 16 46.4 -1.4, 18 16 46.4 -1.4, 18 16 46.8 -1.2, 18 16 48.5 +0.4, 18 17 17.5 +3.4, 18 16 48.7 +0.7, 18 16 49.2 +1.0, 18 16 49.9 +1.6, 18 16 48.8 +0.6, 18 16 48.1 -0.1, 18 16 51.0 +2.0, 18 16 47.2 -1.2, 18 16 49.7 +0.8, 18 16 47.3 -1.2, 18 16 50.3 +1.0, 18 16 50.7 +1.3, 18 16 49.9 +0.8

3d 18h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like CONRAD, HUGO, Y21A, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like V26A, N31A, P30A, etc.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like 226B, AMTX, WLS, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like CABF La Chapelle, Z31A Sharp Cattle R, WMOK Wichita Mounta, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like ERPA Erie, ACSSO Alum Creek Sta, OXF OXF, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes station information for IDC 03 18:24:01, NIED 03 18:24:00, BJJ 03 18:24:13, etc.

3d 18h

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like BJI, CN2, HHC, USR, etc.

2009 NOV

Table with columns for station call letters, frequency, power, and coordinates. Includes stations like PEAOB, PETK, YAK, etc.

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Table with columns for station call letters, frequency, power, and coordinates. Includes stations like ASAR, ABKAR, SVE, ARU, etc.

Table with columns: NOA, NORSAR Array B, 78.54 333 P, P, 18 36 09.3 -0.4, etc.

WAR 03 18:34:50.9, 51.55N, 16.06E
PRU 03 18:34:51.2, 51.52N, 16.08E, h0km

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

ISCJB 03 18:35:41.3, 0.7, 49.62N, 0.08, 18.39E, 0.08, h0km, Error ellipse: s-maj=13.6km s-min=3.3km az=28.7

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

GUC 03 18:50:15.8, 0.4, 23.99S, 67.92W, h220km, ML4.1, 1D, Chile-Argentina border region

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

IDC 03 18:56:07.8, 2.5, 48.63S, 101.32E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.7/16, mbtmp3.8/4, MS3.4/1, Ms1 3.5/1, ms1mx2.9/20, Error ellipse: s-maj=188.9km s-min=26.2km az=131.0, Southeast Indian Ridge

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

MEX 03 19:31:57.9, 0.9, 15.97N, 98.45W, h7km, 19km, MD3.6, Off East of Guerrero

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

IDC 03 19:45:36.7, 1.9, 2.92N, 126.59E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/23, mbtmp3.5/4, Error ellipse: s-maj=113.4km s-min=23.3km az=69.0, Northern Molucca Sea

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

IDC 03 19:54:54.4, 17.0, 23.64S, 174.74W, h0km, mb4.3/5, mb1 4.4/5, mb1mx3.9/20, mbtmp4.3/5, Error ellipse: s-maj=329.8km s-min=143.6km az=82.0, Tonga Islands region

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

IDC 03 19:56:08.5, 2.2, 20.17N, 146.77E, h0km, mb3.8/10, mb1 3.9/10, mb1mx3.8/28, mbtmp3.8/10, Error ellipse: s-maj=75.9km s-min=21.0km az=81.0

ISCJB 03 19:56:11.9, 1.8, 20.11N, 0.1, 146.7E, 0.4, h33km, mb3.8/10, Error ellipse: s-maj=60.4km s-min=17.2km az=170.3

ISC 03 19:56:13.9, 2.2, 20.11N, 0.2, 146.7E, 0.5, h35km, n10, 0.541/10, mb3.7/10, Mariana Islands region

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

IDC 03 20:03:02.6, 1.6, 12.14S, 165.18E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.7/20, mbtmp3.8/5, ML3.5/1, Error ellipse: s-maj=51.4km s-min=31.5km az=108.0, Santa Cruz Islands

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

CSEM 03 20:06:48.6, 0.7, 36.71N, 15.52W, h10km, ML3.3/4, Error ellipse: s-maj=17.4km s-min=8.1km az=135.0

MDD 03 20:06:49.5, 3.6, 37.19N, 15.80W, h0km, mb4.1/5, Error ellipse: s-maj=36.5km s-min=24.3km az=8.0, PRXIMO

INMG 03 20:06:51.5, 1.2, 37.09N, 16.17W, h10km, ML2.7, Error ellipse: s-maj=14.2km s-min=3.4km az=121.0

ISC 03 20:06:53.9, 4.1, 37.4N, 0.1, 15.4W, 0.2, h10km, n66, 0.1500/73, Azores-Cape St. Vincent Ridge

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

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

IDC 03 20:46:30.5, 2.6, 26.18N, 65.32E, h0km, mb3.8/7, mb1 3.8/7, mb1mx3.6/30, mbtmp3.8/7, Error ellipse: s-maj=64.1km s-min=25.9km az=150.0

OMAN 03 20:48:00.7, 99.0, 23.24N, 59.19E, h5km, 26km, Error ellipse: s-maj=65.4km s-min=9.4km az=232.0

CSEM 03 20:48:00.7, 23.24N, 59.19E, h5km, After OMAN ISC 03 20:46:33.7, 0.8, 25.77N, 0.1, 65.90E, 0.07, h35km, n30, 0.2520/31, mb3.8/7, Pakistan

3d 22h

Table with columns: WBK, SNR, Wadi Bani Khal, 7.05 245 P, Pn, 20 48 13.3 -1.1

Table with columns: AYAN, SNR, Aya Nagar, 10.37 72 eS, Sn, 20 50 52.1 -2.9

IS/CJB 03 20:59:57.1+0.3, 42.245:0.03:172.62E:0.04, h10km, mb3.2, Error ellipse: s-maj=5.1km s-min=3.0km az=37.7

NEIC 03 20:59:57.0, 42:20S:172:64E, h2km, ML4.3(WEL), After WEL.

NEIC Felt in the northern part of the South Island. ISC 03 20:59:57.9-0.8, 42:22S:0.03:172.65E:0.03, h10km, n86, e114/72, 6C-2D, South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

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Table with columns: FOZ, AML, AML, 21 01 20.1

Table with columns: FOZ, AML, AML, 21 01 20.1

WEL 03 21:00:53.4-0.8, 36:84S:179:43E, h33km, ML3.5/4, Error ellipse: s-maj=10.1km s-min=8.7km az=90.0, Off east coast of North Island

WEL 03 21:00:53.4-0.8, 36:84S:179:43E, h33km, ML3.5/4, Error ellipse: s-maj=10.1km s-min=8.7km az=90.0, Off east coast of North Island

ISC 03 21:04:12.5-0.8, 33:85N:88:85E, h0km, mb3.9/9, mb1.4/1.2, mb1mx3.9/2.9, mbtmp3.9/1.2, ML3.5/3, MS3.3/6, Ms1.3/3.6, ms1mx3.0/3.7, Error ellipse: s-maj=32.0km s-min=15.5km az=51.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISC 03 21:04:12.5-0.8, 33:85N:88:85E, h0km, mb3.9/9, mb1.4/1.2, mb1mx3.9/2.9, mbtmp3.9/1.2, ML3.5/3, MS3.3/6, Ms1.3/3.6, ms1mx3.0/3.7, Error ellipse: s-maj=32.0km s-min=15.5km az=51.0

BUL 03 21:04:14.1, 33:78N:88:96E, h5km, mb4.2/1, Ms3.9/1, Ms7.3/8/1

DMN 03 21:04:36.7, 9.7, 32:52N:87:89E, h10km, Mb4.5/9, Error ellipse: s-maj=22.7km s-min=26.6km az=21.0

ISC 03 21:04:15.8-0.7, 34:00N:0:09:88.86E:0.09, h17km, n29, e137/24, mb4.0/8, MS3.2/5, Xizang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

Table with columns: FINES, FINES Array B, 47.88 325 LR, LR, 21 36 47.5

WEL 03 21:11:13.4+1.0, 36:77S:179:10E, h33km, ML3.7/4, Error ellipse: s-maj=9.7km s-min=6.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISC 03 21:42:24.6:1.6, 11:82S:166:11E, h0km, mb3.9/6, mb1.4/0.7, mb1mx3.8/1.9, mbtmp3.8/7, ML3.5/1, MS3.4/2, Ms1.3/4.2, ms1mx3.0/3.2, Error ellipse: s-maj=50.2km s-min=25.0km az=117.0

ISC/CB 03 21:42:27.1, 12:0S:0.1:166:1E:0.2, h30km, mb3.8/6, MS3.5/1, Error ellipse: s-maj=31.2km s-min=17.7km az=4.8

ISC 03 21:42:29.0, 1.2, 11:9S:0.1:166:2E:0.3, h30km, n8, e34/7, mb3.8/6, Santa Cruz Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

TRN 03 22:07:25.7, 18:73N:64:55W, h28km, MD2.7(RSPR)

RSPR 03 22:07:27.9, 18:77N:64:59W, h2km, MD2.7(RSPR), After RSPR

RSPR 03 22:07:27.9, 18:77N:64:59W, h2km, MD2.7/4, 7C-3D, Virgin Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

PRE 03 22:07:48.4:1.5, 0:43N:30:37E, h10km, ML3.5

ISC 03 22:07:44.9:3.0, 0:5N:0.1:30:2E:0.1, h14km, n5, e36/16/8, 1C, Uganda

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

AUST 03 22:19:15.3, 9:50S:121:49E, h60km

ISC/CB 03 22:19:31.3:0.8, 9:8S:0.1:122:98E:0.09, h43km, Error ellipse: s-maj=18.6km s-min=6.6km az=37.4

DJA 03 22:19:34.8:1.2, 10:7S:7:123E, h24km, 1.5km, M3.9/5, mb4.0/1, mb4.5/1, MLV3.9/5, MW(mB)3.7/1

ISC 03 22:19:34.4:1.5, 9:8S:0.1:122.9E:0.1, h43km, n9, e184/9, Savu Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res

ISC/CB 03 22:50:54.4:1.7, 5:60S:0:04:153:79E:0.05, h24km, 12km, mb4.8/44, MS4.0/16, Error ellipse: s-maj=8.5km s-min=7.0km az=21.0



Table with columns: CTD, Charters Tower, Time, Az, P, M, and various station names like URZ, RPZ, STKA, etc.

IDC 03 23:01:46.7, 2.3, 5.69S, 130.42E, h0km, mb3.6/1, mb1.3/9.4, mb1mx3.6/18, mbtm3.7/4, ML3.8/3, Error ellipse: s-maj=94.3km s-min=28.5km az=77.0

AUST 03 23:02:00.5, 5:59S, 130:53E, h200km, ISC 03 23:02:01.7, 1.6:16S:0:09:130:2E:0.2, h146km, n12, e1524/11, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like BNDI, TLE, FAKI, etc.

ISCJB 03 23:05:21.9, 1.9, 25.2S:0.1:179.9E:0.3, h493km, mb3.8/7, Error ellipse: s-maj=35.2km s-min=12.5km az=163.9

ISC 03 23:05:23.0, 4.8, 25:22S:0.1:179.87E, h491km, 4.7km, mb3.4/6, mb1.3/5.8, mb1mx3.3/19, mbtm3.4/3.8, Error ellipse: s-maj=40.5km s-min=26.5km az=60.0

Table with columns: STKA, Alice Springs, WARR, Fitzroy Crossi, MJAR, Mawson, FINES, NB2, NOA, BRTR, and station names like Stephens Creek, Alice Springs, etc.

IDC 03 23:18:09.4, 3.1, 3:27S, 138:55E, h0km, mb3.5/2, mb1.3/9.4, mb1mx3.7/16, mbtm3.7/4, ML3.9/2, Error ellipse: s-maj=111.5km s-min=26.2km az=93.0, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like WRA, WRA, FITZ, ASAR, ASAR, SONM, etc.

TRN 03 23:24:52.2, 18:82N:64:54W, h22km, MD2.9(RSPR), RSPR 03 23:24:52.9, 18.88N:64.64W, h2km, 8km, 4C-2D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like TBVI, TBVI, STVI, STVI, MTP, MTP, etc.

IDC 03 23:26:48.4, 0.5, 27:24N:56:17E, h0km, mb4.6/29, mb1.4/7.33, mb1mx4.7/37, mbtm4.6/33, ML4.3/3, MS4.2/27, Error ellipse: s-maj=14.3km s-min=9.7km az=179.0

TEH 03 23:26:49.1, 27:24N:56:20E, h8km, ML4.9, ISCJB 03 23:26:50.1, 0.4, 27:20N:0:02:56:15E:0.02, h2hkm, 3km, mb4.9/138, MS4.3/46, Error ellipse: s-maj=3.3km s-min=2.5km az=25.4

THR 03 23:26:50.6, 0.6, 27:22N:56:19E, h13km, 3km, ML4.9, CSEM 03 23:26:50.0, 0.1, 27:16N:56:18E, h10km, mb5.0/76, MS4.0, MW5.0, Error ellipse: s-maj=4.1km s-min=3.9km az=23.0

MOS 03 23:26:51.8, 1.0, 27:29N:56:14E, h33km, mb5.1/65, MS4.1/26, Error ellipse: s-maj=5.8km s-min=3.5km az=117.0

NEIC 03 23:26:52.0, 27:33N:56:20E, h14km, mb5.1/43, ML4.9(THR), MN4.9(TEH), After THR, NEIC At least 269 people injured and several houses damaged at Bandar Abbas

GCMT 03 23:26:53.0, 2.0, 27:04N:56:16E, h13km, MW5.0, Moment Tensor Solution, s37c46; s79c123; Moment tensor: Scale 1016Nm; Mr2:82.15; Mw:3.34; 11; Mw0.52; 11; Mw2.20; Mw:0.53; 0.8; Mr:0.56; 31; Best double couple: M3.90000x1016 NP1:96.00000\* 864.00000\*, 7.1050000. NP2:96.246.00000\*, 830.00000\*, 1.63.00000\*

Principal axes: s.3680, P168.0000\*, Azm35.0000\*; N 890.0, P17.0000\*, Azm270.0000\*, P -4.0700, P17.0000\*, Azm176.0000\*, Data Used: II, III, G, CN, IC, BUJ 03 23:26:53.8, 27:57N:55:84E, h66km, mb5.0/28, mb4.8/42, MS4.7/30, MS7.4/28

OMAN 03 23:26:56.4, 6.0, 27:05N:56:32E, h76km, Error ellipse: s-maj=2.6km s-min=1.7km az=27.0, ISN 03 23:27:01.8, 2.5, 24:53N:51:75E, h0km, 99gkm, DJA 03 23:27:01.6, 1.7, 28N:11:56E, h106km, 19km, M4.8/9, mb5.3/2, mb4.8/9, Mw(mb)7.2

ISC 03 23:26:51.8, 0.5, 27:26N:0:03:56:20E:0.03, h23km, 3km, n891, e1542/90, mb4.9/137, MS4.3/47, 38C-29D, Northern Iran

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like BND5, BND5, BND5, etc.

ISC 03 23:05:21.9, 1.9, 25.2S:0.1:179.9E:0.3, h493km, mb3.8/7, Error ellipse: s-maj=35.2km s-min=12.5km az=163.9

ISC 03 23:05:23.0, 4.8, 25:22S:0.1:179.87E, h491km, 4.7km, mb3.4/6, mb1.3/5.8, mb1mx3.3/19, mbtm3.4/3.8, Error ellipse: s-maj=40.5km s-min=26.5km az=60.0

ISC 03 23:05:23.4, 1.8, 25.2S:0.1:179.95E:0.2, h493km, n13, e0569/11, mb3.8/7, South of Fiji Islands

Table with columns: ARQ, ARQ, IMEH, IMEH, SMDO, SMDO, IKAZ, IKAZ, BSY, BSY, BSY, and station names like SNR=35, SNR=35, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like WRA, WRA, FITZ, ASAR, ASAR, SONM, etc.

IDC 03 23:26:48.4, 0.5, 27:24N:56:17E, h0km, mb4.6/29, mb1.4/7.33, mb1mx4.7/37, mbtm4.6/33, ML4.3/3, MS4.2/27, Error ellipse: s-maj=14.3km s-min=9.7km az=179.0

TEH 03 23:26:49.1, 27:24N:56:20E, h8km, ML4.9, ISCJB 03 23:26:50.1, 0.4, 27:20N:0:02:56:15E:0.02, h2hkm, 3km, mb4.9/138, MS4.3/46, Error ellipse: s-maj=3.3km s-min=2.5km az=25.4

THR 03 23:26:50.6, 0.6, 27:22N:56:19E, h13km, 3km, ML4.9, CSEM 03 23:26:50.0, 0.1, 27:16N:56:18E, h10km, mb5.0/76, MS4.0, MW5.0, Error ellipse: s-maj=4.1km s-min=3.9km az=23.0

MOS 03 23:26:51.8, 1.0, 27:29N:56:14E, h33km, mb5.1/65, MS4.1/26, Error ellipse: s-maj=5.8km s-min=3.5km az=117.0

NEIC 03 23:26:52.0, 27:33N:56:20E, h14km, mb5.1/43, ML4.9(THR), MN4.9(TEH), After THR, NEIC At least 269 people injured and several houses damaged at Bandar Abbas

GCMT 03 23:26:53.0, 2.0, 27:04N:56:16E, h13km, MW5.0, Moment Tensor Solution, s37c46; s79c123; Moment tensor: Scale 1016Nm; Mr2:82.15; Mw:3.34; 11; Mw0.52; 11; Mw2.20; Mw:0.53; 0.8; Mr:0.56; 31; Best double couple: M3.90000x1016 NP1:96.00000\* 864.00000\*, 7.1050000. NP2:96.246.00000\*, 830.00000\*, 1.63.00000\*

Principal axes: s.3680, P168.0000\*, Azm35.0000\*; N 890.0, P17.0000\*, Azm270.0000\*, P -4.0700, P17.0000\*, Azm176.0000\*, Data Used: II, III, G, CN, IC, BUJ 03 23:26:53.8, 27:57N:55:84E, h66km, mb5.0/28, mb4.8/42, MS4.7/30, MS7.4/28

OMAN 03 23:26:56.4, 6.0, 27:05N:56:32E, h76km, Error ellipse: s-maj=2.6km s-min=1.7km az=27.0, ISN 03 23:27:01.8, 2.5, 24:53N:51:75E, h0km, 99gkm, DJA 03 23:27:01.6, 1.7, 28N:11:56E, h106km, 19km, M4.8/9, mb5.3/2, mb4.8/9, Mw(mb)7.2

ISC 03 23:26:51.8, 0.5, 27:26N:0:03:56:20E:0.03, h23km, 3km, n891, e1542/90, mb4.9/137, MS4.3/47, 38C-29D, Northern Iran

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like BND5, BND5, BND5, etc.

ISC 03 23:05:21.9, 1.9, 25.2S:0.1:179.9E:0.3, h493km, mb3.8/7, Error ellipse: s-maj=35.2km s-min=12.5km az=163.9

ISC 03 23:05:23.0, 4.8, 25:22S:0.1:179.87E, h491km, 4.7km, mb3.4/6, mb1.3/5.8, mb1mx3.3/19, mbtm3.4/3.8, Error ellipse: s-maj=40.5km s-min=26.5km az=60.0

ISC 03 23:05:23.4, 1.8, 25.2S:0.1:179.95E:0.2, h493km, n13, e0569/11, mb3.8/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC, and station names like BND5, BND5, BND5, etc.

ISC 03 23:05:21.9, 1.9, 25.2S:0.1:179.9E:0.3, h493km, mb3.8/7, Error ellipse: s-maj=35.2km s-min=12.5km az=163.9

ISC 03 23:05:23.0, 4.8, 25:22S:0.1:179.87E, h491km, 4.7km, mb3.4/6, mb1.3/5.8, mb1mx3.3/19, mbtm3.4/3.8, Error ellipse: s-maj=40.5km s-min=26.5km az=60.0

ISC 03 23:05:23.4, 1.8, 25.2S:0.1:179.95E:0.2, h493km, n13, e0569/11, mb3.8/7, South of Fiji Islands



Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTO Aybut, IBDR Badra, BHD Baghdad, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KKKAR Karatay Array, ANKND Karatay Array, KKBZ Khabaz, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRTR Keskin Array B, KONT Konya-Tatoy, AFSR Af-ar-Bala (A), etc.

3d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVE, SMIA, LTK, VRI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV, KWP, KECS, etc.

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, ULM Lac du Bonnet, VNA45 Neumayer-Watz, NVAR Mina Array Bay, TXAR Lajitas Array, CPUP Villa Florida, LPAZ La Paz.

ISC 03 23:28:35.2±1.8, 24.53S±175.96W, h0km, mb4.4/7, mb1 4.6/7, mb1mx4.3/17, mbtmp4.3/7, Error ellipse: s-maj=80.7km s-min=26.7km az=160.0, ISCJB 03 23:28:38.8±0.9, 24.55S±176.1W, h0km, mb4.2/7, Error ellipse: s-maj=35.3km s-min=23.8km az=160.7, ISC 03 23:28:40.1±1.0, 24.55S±176.0W, h0km, n9, ±0.899/g, mb4.0/7, South of Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, MJAR Matsushiro Arr, NVAR Mina Array Bay, USRK Ussuriysk Arr, SNA Snae, CMAR Chiang Mai Arr, BRTR Keskin Array B.

ISC 03 23:43:30.4±5.0, 22.39S±176.47W, h0km, mb3.8/3, mb1 4.2/3, mb1mx3.8/17, mbtmp3.8/3, Error ellipse: s-maj=331.1km s-min=33.3km az=155.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bay.

CSEM 04 00:03:00.5, 36.43N, 39.03E, h14km, ML1.8, After NSSC 04 00:03:00.5, 36.43N, 39.03E, h14km, 19km, ML1.8, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFNV Sufian, JHLN Al Jahlan, KBSD Kabsdagh, MZRK Al-Mazaregh, BTCH Batrach, CSEM 04 00:03:41.3, 37.56N, 35.70E, h12km, MD2.8, After ISK 04 00:03:41.3, 37.56N, 35.70E, h12km, MD2.8, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZI Kozan, CEYT Ceyhan, KARARA Karaisali, KMRS Kahramanmaras, NIG Nigde, MERS Mersin, TAHT Tahatkopru-Hat, BUNY Bunyan, DARE Darendemalaty.

ISC 04 00:05:02.1±0.8, 3.63N, 126.52E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.9/25, mbtmp4.0/10, Error ellipse: s-maj=50.9km s-min=14.4km az=73.0, ISCJB 04 00:05:06.0±0.5, 3.76N, 126.77E, h0km, h45km, mb4.0/14, Error ellipse: s-maj=10.2km s-min=7.7km az=1.0, NEIC 04 00:05:06.8±0.4, 3.63N, 126.57E, h35km, mb4.0/5, Error ellipse: s-maj=29.4km s-min=7.1km az=73.0, DJA 04 00:05:15.7±2.4, 4.1N, 34.12E, h2.7km, h34km, M4.5/4, mb4.8/2, mb4.8/2, MLV4.3/4, Mw(mb)4.1/2, ISC 04 00:05:08.1±0.6, 3.80N, 126.06E, h45km, n33, ±1.31/32, mb4.0/14, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGGSI Sangihe, DAV Davao City (W), GIO Gorontalo, MRSI Marisa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI 61nm,0.6s,795nm,0.2mm, LUWI Luwuk, MTN Manton Dam, KDU Kikadu, FITZ Fitzroy Crossi, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, PETK Petkopavlovsk, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURK Kurchatov, KKAR Karatay Array, BVAR Borovoye Array, AKTO Aktyubinsk, ISC 04 00:08:18.8±1.8, 18.90S±178.55W, h0km, mb3.6/3, mb1 4.0/4, mb1mx3.7/19, mbtmp3.8/4, ML4.5/1, Error ellipse: s-maj=52.7km s-min=33.8km az=125.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

ISCJB 04 00:14:28.9±0.6, 38.95N, 0.02±25.91E, h1km, 5km, Error ellipse: s-maj=3.2km s-min=2.7km az=163.0, DDA 04 00:14:28.5, 38.98N, 0.25E, h7km, MD3.2, ISK 04 00:14:28.9, 38.91N, 0.25E, h6km, ML3.6, ATH 04 00:14:29.2, 38.92N, 25.98E, h19km, 1km, MD3.4/23, CSEM 04 00:14:29.8±0.1, 38.93N, 25.94E, h2km, ML3.4/3, Error ellipse: s-maj=2.1km s-min=1.9km az=15.0, THE 04 00:14:30.1, 38.94N, 26.02E, h4km, 1km, ML3.4/3, Error ellipse: s-maj=1.1km s-min=0.3km az=77.0, BEO 04 00:14:37.2, 39.10N, 24.90E, h0km, ML3.2/5, ISC 04 00:14:29.4±1.0, 38.94N, 0.02±25.93E, h0km, 9km, n207, ±1.31/325, 17C-11D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIGR SIGRI, PRK Paraskevi, CHOS Chios Island, AYVA Ayvalik, UURLA Izmir, LIA Limnos Island, SMG Samos, AKHS Akhisar, AKHS Akhisar, GELI Tayfur-Gelibol, BALY Balya, SMTH Samothraki Isl, LPK Lapseki, AOS Alonnisos, AOS Alonnisos, BALB Balikesir, ERET Erertia, GONE Gonen-Balikesi, ERIK Eriki-Kesan, KRBC Karabiga-Canak, ENEZ Enez, ENEZ Enez, AYDB Zeytinokoy-Aydi, Zeytinokoy-Aydi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRKA Markates, PTL Penteli, APE Apeiranthos, SKIA Skiathos, ALN Alexandroupoli, PAIG Paliouri, PAIG Paliouri, OUR Ouranopolis, DURS Dursunbey, BNT Bandirli, SMIA Simia, SMIA Simia, XOR Xorichiti, XOR Xorichiti, KULA Kula-Manisa, DST Dursunbey, DST Dursunbey, VILL Villia, VILL Platees, KCTX Karacabey (Bur), KCTX Karacabey (Bur), KAVA Kavala, KAVA Kavala, PLG Polygyros, PLG Polygyros, LTK Loutraki, LTK Loutraki, DID Didima, DID Didima, CRLT Corlu, CRLT Corlu, YER Yerkesik, YER Yerkesik, MDNY Mudanya-Bursa, MDNY Mudanya-Bursa, DSF Desfina, DSF Desfina, SOH Sokhos, SOH Sokhos, HORT Hortiatis, HORT Hortiatis, ARMT Armutlu, ARMT Armutlu, TVSB Tavasani, TVSB Tavasani, SRS Serrai, SRS Serrai, SLVT Silivri, SLVT Silivri, NVR Nevrokopi, NVR Nevrokopi, GEMT Gemlik, GEMT Gemlik, PHSR Pinhisar, PHSR Pinhisar, MAKRA Makrakom, Fth, MAKRA Makrakom, Fth, EDRB Edirne, EDRB Edirne, GUR Goura, GUR Goura, CTKS Kestanelik-77a, CTKS Kestanelik-77a, THL Kalavryta, THL Kalavryta, THL Klokotos Trika, THL Klokotos Trika, CTYL Yal??k??y??yat, CTYL Yal??k??y??yat, BGKT Bogazkoy, BGKT Bogazkoy, LAKA Lakka, LAKA Lakka, ISK Istanbul-Kandi, ISK Istanbul-Kandi, EVR Erytrian, EVR Erytrian, KNT Kendrickon, KNT Kendrickon, PLD Plovdiv, PLD Plovdiv, ADVT Abdulvahap, ADVT Abdulvahap, KLYT Kilyos, KLYT Kilyos, HRT Hereke, HRT Hereke, DRO Drossia, DRO Drossia, VAY Valandovo, VAY Valandovo, JMB Yambol, JMB Yambol, SHUT Suhut-Afyon, SHUT Suhut-Afyon, PDO Prodromos, PDO Prodromos, GULT Gulveren, GULT Gulveren, ESKT Eskisehir, ESKT Eskisehir, VTS Vitosh, VTS Vitosh, VTS Vitosh, VTS Vitosh, MDUB Mudurnu, MDUB Mudurnu, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, ZAPS Zavojo, ZAPS Zavojo, BOLS Boljevac, BOLS Boljevac, GRUS Gruga, GRUS Gruga, ARR Arges, ARR Arges, VOIR Vior, VOIR Vior, MLR Muntele Rosu, MLR Muntele Rosu, LOT Lotru, LOT Lotru, DIVR Divara, DIVR Divara, GZR Gura Zlata, GZR Gura Zlata, PLOR Plostinia, PLOR Plostinia, ERK Eria, ERK Eria, BZS Buzian, BZS Buzian, TESR Tescani, TESR Tescani, SIRR Siria, SIRR Siria, DRGR Draga, DRGR Draga.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, ISCJB 04 00:14:28.9±0.6, 38.95N, 0.02±25.91E, h1km, 5km, Error ellipse: s-maj=3.2km s-min=2.7km az=163.0, DDA 04 00:14:28.5, 38.98N, 0.25E, h7km, MD3.2, ISK 04 00:14:28.9, 38.91N, 0.25E, h6km, ML3.6, ATH 04 00:14:29.2, 38.92N, 25.98E, h19km, 1km, MD3.4/23, CSEM 04 00:14:29.8±0.1, 38.93N, 25.94E, h2km, ML3.4/3, Error ellipse: s-maj=2.1km s-min=1.9km az=15.0, THE 04 00:14:30.1, 38.94N, 26.02E, h4km, 1km, ML3.4/3, Error ellipse: s-maj=1.1km s-min=0.3km az=77.0, BEO 04 00:14:37.2, 39.10N, 24.90E, h0km, ML3.2/5, ISC 04 00:14:29.4±1.0, 38.94N, 0.02±25.93E, h0km, 9km, n207, ±1.31/325, 17C-11D, Aegean Sea, SIGR SIGRI, PRK Paraskevi, CHOS Chios Island, AYVA Ayvalik, UURLA Izmir, LIA Limnos Island, SMG Samos, AKHS Akhisar, AKHS Akhisar, GELI Tayfur-Gelibol, BALY Balya, SMTH Samothraki Isl, LPK Lapseki, AOS Alonnisos, AOS Alonnisos, BALB Balikesir, ERET Erertia, GONE Gonen-Balikesi, ERIK Eriki-Kesan, KRBC Karabiga-Canak, ENEZ Enez, ENEZ Enez, AYDB Zeytinokoy-Aydi, Zeytinokoy-Aydi.

Table with station names (DRGR, BURAR, BURAR) and coordinates/altitudes.

MEX 04 00:36.9:0.8, 18.373N:101.066W, h61km±15km, MD3.6,

Table with station names (Guerrero, ARIG, ZILIG, PLIG, CAIG) and their respective codes and times.

GUC 04 01:35:40.3:0.4, 25.885S:70.94W, h25km, 6km, ML5.1

MOS 04 01:35:44.3:1.2, 25.625S:70.30W, h33km, mb5.1/35, Error ellipse: s-maj=14.4km s-min=7.6km az=108.6

NEIC 04 01:35:44.7:1.1, 25.695S:70.20W, h29km, 7km, mb4.9/84, ML5.1(GUC), Error ellipse: s-maj=6.0km s-min=3.4km az=74.0

NEIC Felt [V] at Taltaj; [III] at Caldera, Chanaral, Copiapo and Tierra Amarilla; [II] at Diego de Almagro.

IDC 04 01:35:46.5:0.3, 25.735S:70.30W, h43km, 2km, mb4.4/17, mb1.4, 5/22, mb1mx4.5/23, mbmtm4, 4/22, MS4, 3/21, Ms1.4, 3/21, ms1m/2.9/2, Error ellipse: s-maj=13.9km s-min=9.4km az=170.0

BJJ 04 01:35:47.6, 25.705S:70.20W, h35km, mB5.1/11, MS5.4/6, Ms7.5/0.7

GCMT 04 01:35:50.4:0.3, 25.755S:70.95W, h56km, 1km, MW5.1, Moment Tensor Solution, s48, c62; s74, c104; Moment tensor: Scale 10^16Nm; Mrr:4.02e-21; Mtt:1.56e-16; Mss:5.58e-16; Msr:1.23e-11; Msr:1.00e-15; Msr:2.37e-15; Best double couple: M5:7.0000e+10 Np1:0.16700000e+0, delta1:0.0000e+0, delta4:0.0000e+0, NP2:0.320000e+0, delta3:0.0000e+0, delta2:0.0000e+0. Principal axes: T 5.1500, Plg64.0000, Azm32.0000; N 1.0500, Plg273.0000, Azm180.0000; P -8.2000, Plg12.0000, Azm75.0000; Data Used: IIU IIC G CN

ISC 04 01:35:46.3:0.3, 25.785S:0.03:70.34W, 0.05, h42km, 2km, h42km; p-P, n84, c95/937, mb4.9/108, MS4.4/17, 180C-192D, Near coast of northern Chile

Main station list table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, and Residual Error.

Main station list table (continued) with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, and Residual Error.

Main station list table (continued) with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, ISC, Time, Residual, and Residual Error.

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Table with columns for station code, name, frequency, and other details. Includes station codes like TUC, Y20A, V24A, etc., and names like Tucson, Horse Springs, Rampart Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like F24A Ekakala, HVU Hansel Valley, G22A Birney, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BOZ Bozeman (W), BOZ Bozeman (W), D19A Cripps Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like CTAO Charters Tower, CTAO Charters Tower, KIV Kislodovets, etc.

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Table with columns: SONM, Songho Array, 157.84, 6, PKP, PKPdf, 01 55 39.1+0.9, comp=Z, 2.4nm, 0.9s, baz=346, slow=1.0, SNR=17, etc.

AUST 04 01:37:24.0, 7.49S, 127.53E, h300km, IDIC 04 01:37:29.9, 1.8, 8.48S, 127.73E, h36km, mb3.6/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, SOEI, Soe, 3.66 248, Op, ISC, Pn, 01 38 29.0+0.2, etc.

CSEM 04 02:00:21.8, 36.36N, 19.83E, h34km, MD3.6, After ATH 04 02:00:22.0, 36.35N, 19.82E, h36km, 1.3km, MD3.6/18, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, PYL, PYLOS, 1.66 72, ePN, S, 02 00 49.8-0.1, etc.

Table with columns: THL, Klokotos Trika, 3.63 29, ePn, Pn, 02 01 18.4+1.5, STON, Ston, 6.66 347, eSn, S, 02 01 59.5+0.9, etc.

KRSC 04 02:05:43.9, 4.6, 5.5, 10N, 160.71E, h136km, 6.5km, ML4.0, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, TUMR, Tumrok, 0.39 300, Op, ISC, Pn, 02 06 03.9-0.2, etc.

MOS 04 02:05:45.0, 0.7, 54.99N, 161.03E, h131km, mb4.2/1, Error ellipse: s-maj=53.0km, s-min=19.9km, az=57.8, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KIRR, Kirishev, 0.89 346, ePn, S, 02 06 07.2-0.5, etc.

ISC 04 02:05:46.1, 0.6, 55.09N, 0.03, 160.74E, 0.04, h125km, 6km, n45, 40/69/78, 1D, Kamchatka Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, GNL, Ganaly, 2.15 231, ePn, S, 02 06 21.5-0.2, etc.

ISC 04 01:37:34.6, 1.5, 8.45S, 0.1, 127.71E, 0.09, h35km, n10, 4/199/9, Timor region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, SOEI, Soe, 3.66 248, Op, ISC, Pn, 01 38 29.0+0.2, etc.

ISC 04 01:37:31.2, 36.36N, 19.83E, h34km, MD3.6, After ATH 04 02:00:22.0, 36.35N, 19.82E, h36km, 1.3km, MD3.6/18, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, RUS, Russkaya, 2.97 207, ePn, S, 02 06 31.3-0.8, etc.

ISC 04 02:16:54.6, 2.4, 40.49N, 125.61W, h0km, mb3.6/3, mb1 3.8/8, mb1mx3.6/30, mbtmp3.6/8, ML3.4/4, MS3.1/3, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ILAR, Eielsen Array, 27.16 48, P, 02 11 16.9-0.4, etc.

ISC 04 02:16:58.6, 2.1, 40.54N, 125.23W, h0km, 1.3km, NEIC 04 02:16:58.6, 2.1, 40.54N, 125.23W, 0.107, h4km, 1.3km, n82, -157.8/1, mb4.2/7, Off coast of northern California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KHMH, Horse Mountain, 1.19 73, Op, ISC, S, 02 17 21.0-1.1, etc.

Table with columns: KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, KEBM, Hull Mountain, 2.68 39, eSn, S, 02 17 41.9-0.6, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.

ISC 04 02:31:42.0, 28.0, 23.69S, 174.76W, h0km, mb3.9/4, mb1 4.2/1.4, mb1mx3.8/18, mbtmp3.9/4, MS3.7/1, MS1 3.7/1, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, KEBM, Edson Butte, 2.43 16, ePn, Pn, 02 17 37.0-2.1, etc.



Table with multiple columns containing station identifiers (CTA, CTAO, URZ, etc.), call signs (SIVA, LAST, etc.), and various numerical and alphanumeric data points. Includes a 'Code' column and a 'Station Name' column.

CSEM 04 02:41:23.9.0.1,34:11N:25:32E,h2km,mb4,2/11,Error ellipse: s-maj=4.1km s-min=2.1km az=29.0

IDC 04 02:41:23.9.0.7,34:17N:25:30E,h0km,mb4,1/19,mb1 4.2/29,mb1mx4.1/39,mbtmp4.1/29,ML3.8/8,MS3.6/2,Ms1 3.6/2,ms1mx2.7/50,Error ellipse: s-maj=1.22km s-min=1.0km az=33.0

ATH 04 02:41:25.3,34:24N:25:24E,h19km,1km,MD3,7/23,

NEIC 04 02:41:26.9.3.0,34:17N:25:38E,h18km,20km,mb4,4/20, Error ellipse: s-maj=9.1km s-min=5.0km az=188.0

ISC 04 02:41:35.2,34:26N:25:21E,h89km,0.3, Error ellipse: s-maj=9.1km s-min=5.0km az=188.0

VIE 04 02:41:24.9.1.1,34:15N:0:04:25:29E,0h3,h8km,6km,n361,s17/372,mb4,1/30,2C-2D,Crete

Main data table with columns for Code, Station Name, Az, El, Phase I, Time, Res, and various other identifiers and data points.

4d 3h

Table listing station data for the 4d 3h section, including station names like AKTO, EKA, ARU, etc., and their corresponding parameters.

NEIC 04:02:52-41.2, 42:04S-172:76E, h90km, ML4.5(WEL), After WEL.

NEIC Fell in the Buller-Nelson area. WEL 04:02:52-41.2, 42:05S-172:76E, h90km, ML4.5/20, 13C-3D, Error ellip. s-maj=1.4km s-min=1.1km az=90.0, 4, South Island

Table listing station data for the NEIC section, including station names like THZ, KHZ, DSH, etc., and their corresponding parameters.

2009 NOV

Main table listing station data for 2009 NOV, including station names like RPZ, PAWZ, MRZ, etc., and their corresponding parameters.

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Table listing station data for the MEX 04:02:58-59.7, 0.6, 16:00N-98:52W, h5km, 20km, MD3.7, Off coast of Guerrero

IDC 04:03:14:18.8, 5.4, 17:36S-176:63E, h166km, 30km, mb3.5/3, mb1.3, 4/3, mb136, 1/16, mbtm3.5, Error ellipse s-maj=92.9km s-min=64.2km az=178.0, Peru-Bolivia border region

Table listing station data for the IDC section, including station names like LPAZ, H03N1, H03N2, etc., and their corresponding parameters.

WEL 04:03:17:03.7, 0.2, 45:55S-166:33E, h19km, 1km, ML3.5/14, Error ellipse: s-maj=2.3km s-min=1.7km az=90.0, Off west coast of South Island

Table listing station data for the WEL section, including station names like DCZ, PUY, WHZ, etc., and their corresponding parameters.

WEL 04:03:19:03.9, 0.4, 38:23S-176:02E, h162km, 3km, ML3.9/17, 5C-1D, Error ellipse: s-maj=2.9km s-min=2.7km az=90.0, North Island

Table listing station data for the WEL section, including station names like TARZ, URZ, BWZ, etc., and their corresponding parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRZ, TIWZ, OTAKI Gorge, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES, ARCES, NB2, etc.

IDC 04 03:25:16.0, 3.0, 1.69S-99.62E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.6/24, mbtm3.6/6, Error ellipse: s-maj=121.2km s-min=20.7km az=58.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSI, CMAR, H082S, etc.

IDC 04 05:53:01.8, 2.5, 16.75S-175.96W, h232km, 65km, mb3.2/3, mb1 3.5/4, mb1mx2.3/4, Error ellipse: s-maj=311.8km s-min=24.6km az=143.0, Tonga Islands

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

DJA 04 05:54:56.1, 1.4, 1.5S-123.3E, h0, h4km, 6km, M3.6/3, MLV3.6/3, Sulawesi

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

IDC 04 06:06:12.0, 2.1, 36.71N-71.54E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.6/27, mbtm3.8/8, MS4.0/1, Ms1 4.0/1, ms1mx2.6/39, Error ellipse: s-maj=39.0km s-min=21.8km az=154.0

ISCJB 04 06:06:25.0, 0.4, 37.08N-0.03, 72.01E-0.08, h142km, mb3.7/8, Error ellipse: s-maj=8.5km s-min=3.8km az=174.3

NNC 04 06:06:33.9, 4.0, 37.94N-71.48E, h227km, 32km, mb3.0, mpv3.7, Error ellipse: s-maj=38.0km s-min=20.3km az=18.0

ISC 04 06:06:24.0, 0.8, 37.10N-0.05, 71.81E-0.10, h142km, n48, c187/42, mb3.7/6, 8C-1D, Afghanistan-Tajikistan border region

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

IDC 04 06:10:54.2, 1.4, 32.55S-72.08W, h0km, mb3.6/3, mb1 3.6/6, mb1mx3.5/7, mbtm3.5/6, ML4.0/3, Error ellipse: s-maj=39.6km s-min=3.2km az=125.0

ISCJB 04 06:10:59.0, 0.7, 32.68S-72.03, 71.74W-0.06, h37km, 6km, mb3.6/3, Error ellipse: s-maj=8.3km s-min=4.5km az=170.6

GUC 04 06:10:59.9, 0.4, 32.67S-71.61W, h33km, MD3.6, ML3.7

ISC 04 06:10:58.9, 1.4, 32.70S-71.61W, h42km, 10km, n35, c090/44, mb3.9/3, 7C-5D, Near coast of central Chile

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

IDC 04 04:04:16.4, 3.4, 26.38N-56.58E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.4/29, mbtm3.8/3, Error ellipse: s-maj=93.8km s-min=33.6km az=146.0, Southern Iran

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

IDC 04 04:38:06.5, 1.7, 31.04N-103.42E, h0km, mb3.8/3, mb1 3.8/4, mb1mx3.4/27, mbtm3.7/4, ML3.2/1, Error ellipse: s-maj=87.1km s-min=27.3km az=58.0, Sichuan

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

IDC 04 04:43:24.5, 0.8, 17.37S-172.92W, h0km, mb3.8/7, mb1 4.2/7, mb1mx4.0/20, mbtm3.9/7, Error ellipse: s-maj=39.4km s-min=20.4km az=141.0

ISC 04 04:43:29.2, 1.0, 17.0S-02-173.0W-0.2, h41km, n11, c181/9, mb3.8/7, Samoa Islands region

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

IDC 04 04:43:29.2, 1.0, 17.0S-02-173.0W-0.2, h41km, n11, c181/9, mb3.8/7, Samoa Islands region

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

IDC 04 06:21:44.2, 0.7, 7.10N-126.48E, h89km, 5km, mb4.8/37, mb1 4.9/38, mb1mx4.9/39, mbtm4.9/38, MS4.3/23, Ms1 4.4/23, ms1mx4.3/31, Error ellipse: s-maj=12.4km s-min=7.3km az=68.0

ISCJB 04 06:21:44.5, 0.3, 7.12N-0.02, 126.64E-0.03, h105km, 2km, mb5.2/35, Error ellipse: s-maj=4.2km s-min=2.5km az=165.7

MOS 04 06:21:44.5, 1.0, 7.09N-126.55E, h104km, mb5.4/46, Error ellipse: s-maj=11.9km s-min=4.7km az=123.7

BJI 04 06:21:45.6, 7.10N-126.60E, h110km, mb5.4/37, mb5.0/51

NEIC 04 06:21:46.9, 0.7, 7.09N-126.58E, h116km, 6km, mb5.5/40, MW5.5, Error ellipse: s-maj=5.7km s-min=4.0km az=66.0

Moment Tensor Solution, s27 Moment tensor: Scale 10^17Nm; Mr=2.6; Mw=0.03; Ms=0.70; Mv=0.48; Mx=0.73; Best double couple: M=2.50000x10^17 NP1; q=336.00000; s36.00000; A=-104.00000; NP2; q=180.00000; s36.00000; A=-70.00000; Principal axes: T 2.4900, P10.0000, Azm75.0000; N 0.0400, P11.0000, Azm343.0000; P -2.5300, P14.0000; Azm207.0000

NEIC Fail III PIVS at Davao and Tagum; III PIVS at Basilig, Carrascal, Cateel, Digos, General Santos, Kabacan, Kidapawan and Padada.

MAN 04 06:21:46.7, 19N-126.51E, h49km, mb5.9, ML4.9, MS5.5

MAN INTENSITY III - DAVAO CITY; TAGUM CITY; TAGUNA DAVAO ORIENTAL; INTENSITY II - BISLIG CITY; GENERAL SANTOS CITY; KIDAPAWAN CITY; CATEEL DAVAO ORIENTAL.

AUST 04 06:21:46.0, 0.7, 7.01N-126.63E, h106km, 6km, Error ellipse: s-maj=7.7km s-min=5.8km az=30.0

GCMT 04 06:21:46.6, 0.1, 7.04N-126.65E, h97km, 1km, MW5.5, Moment Tensor Solution, s108.133; s99.223; s99.223; s108.133; M=2.6; Mw=0.03; Ms=0.70; Mv=0.48; Mx=0.73; Best double couple: M=2.50000x10^17 NP1; q=336.00000; s36.00000; A=-104.00000; NP2; q=180.00000; s36.00000; A=-70.00000; Principal axes: T 2.0700, P15.0000, Azm103.0000; N -0.0600, P19.2000, Azm5.0000; P -2.0100, P15.7000, Azm218.0000; Data Used: II UC G CN. Surface waves from 115 sta.





4v 6h

Table with columns: Code, Name, Frequency, Power, SNR, Azimuth, Elevation, etc. Includes stations like Borovoye Array, BRVK, etc.

2009 NOV

Table with columns: Code, Name, Frequency, Power, SNR, Azimuth, Elevation, etc. Includes stations like SOC, VSR, TMCR, etc.

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Table with columns: Code, Name, Frequency, Power, SNR, Azimuth, Elevation, etc. Includes stations like STHS, GZR, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include Shoshoni, Birney, Neumayer-Watz, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include Arlington, Elephant Butte, Rampart Ranch, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Rows include Big Bend Ranch, Winter Ranch, Wristen Ranch, etc.

2009 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ATAH Atahualpa, NNA Nana, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KRSC Kuril Islands, SKR Severo-Kuril's, PAU Pauzhetka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FBE Freiberg, MOA Mollin, CLL Collin, etc.

ISCJBJ 04 07:34:41.1±0.3,50.05N;0.03;18.31E;0.02,h0km, Error ellipse: s-maj=4.1km s-min=2.1km az=11.6

CSEM 04 07:34:42.0,2.0,50.12N;18.35E,h1km,ML3.8/8, Error ellipse: s-maj=5.3km s-min=2.6km az=12.0

ISCJBJ 04 07:34:41.1±0.3,50.05N;0.03;18.31E;0.02,h0km, Error ellipse: s-maj=5.1km s-min=1.1km az=160.0

ISCJBJ 04 07:20:06.2,0.3,32.71N;0.02;115.65W;0.02,h1km,2km, Error ellipse: s-maj=2.9km s-min=2.7km az=33.5

ISCJBJ 04 07:34:43.5,0.7,50.04N;0.02;18.41E;0.01,h0km,n86, ±155/143,11C-9D, Poland

IDC 04 07:50:07.2,2.0,38.00S;179.76E,h0km,mb3.8/2, mb1.4/1.4,mb1mx3.8/1.7,mbtmp3.9/4,ML3.4/2, Error ellipse: s-maj=7.0km s-min=2.8km az=159.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SGL Mount Signal, CRR Carrizo Plain, RMX La Rumorosa, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PUZ Puketiti, PUZ Puketiti, PUZ Puketiti, etc.

IDC 04 07:25:35.1±10.0,4.45N;125.61E,h219km,100km, mb3.2/4,mb1.3/3.4,mb1mx3.3/4,mbtmp3.2/4,MS3.4/1, Ms1.3/4/1,ms1mx2.8/1.1, Error ellipse: s-maj=198.6km s-min=22.7km az=65.0, Talaud Islands

IDC 04 07:34:43.5,0.7,50.04N;0.02;18.41E;0.01,h0km,n86, ±155/143,11C-9D, Poland

IDC 04 07:50:09.5,0.2,38.25S;0.06;180.00W;0.08,h6km,12km, n139,±130/150,East of North Island

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

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



Table with columns: TRVZ, Turoa, 3.64 252, PN, Pn, 07 51 04.8 +1.9, AML, AML, 07 51 49.6, AML, 07 52 01.7, etc.

Table with columns: PMG, Port Moresby, 3.48 165, P, Pn, 08 39 27.5 +1.9, etc.

Table with columns: H11S2, WAKE ISLAND, 75.25 124, T, T, 09 32 24.4, etc.

AUST 04 08:38:15.4, 4.79S; 147.57E, h15km
IDC 04 08:38:36.2, 2.0, 6.14S; 146.58E, h90km, 21km, mb3.7/11, mb1.3/9/14, mb1mx3.8/20, mbmp3.7/14, Error ellipse: s-maj=26.9km s-min=11.4km az=98.0

MAN 04 08:45:16, 16.27N; 119.94E, h32km, mb4.2, ML3.0, MS2.8, 2D, Luzon
Code Station Name Az AZZ Phase ID Time Res

IDC 04 09:28:39.4, 1.5, 42.96N; 178.13E, h0km, mb3.6/3, mb1.3/8.7, mb1mx3.5/32, mbmp3.7/7, ML3.8/4, Error ellipse: s-maj=18.5km s-min=16.5km az=133.0

4d 11h

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

IDC 04 09:44:13.4,0.7,15.05Sx173.55W,h0km,mb4.3/13, mb1 4.5/13, mb1mx4.4/19, mbtmp3.3/13, MS4.0/20, Ms1 4.0/20, ms1mx4.0/25, Error ellipse: s-maj=27.5km s-min=17.0km az=127.0

ISCJB 04 09:44:16.6,0.4,15.04S:0'10.173:7W:0.1, h30km, mb4.4/26, MS4.1/19, Error ellipse: s-maj=17.6km s-min=9.2km az=44.1

NEIC 04 09:44:29.9,2.1,15.14S:173.69W,h133km,19km, mb4.5/11, Error ellipse: s-maj=15.6km s-min=9.1km az=130.0

ISC 04 09:44:18.2,0.5,15.15S:0'1x173:6W:0.2,h30km,n72, az=074/47, mb4.5/26, MS4.0/19, Tonga Islands

Main table for Tonga Islands section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, MSFV, RAR, DZM, etc.

2009 NOV

Table for 2009 NOV section with columns: ILAR, Eielson Array, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, HRY, MSTX, etc.

IDC 04 10:17:53.8,5.7,17.81Sx167.26E,h0km,mb3.3/3, mb1 3.6/3, mb1mx3.4/18, mbtmp3.3/3, Error ellipse: s-maj=287.0km s-min=35.4km az=140.0, Santa Cruz Islands

IDC 04 10:22:35.8,0.8,18.15N:101.70W,h30km,mb19km,MD3.8, Guerrero

Table for Santa Cruz Islands section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA, ASAR, ILAR, etc.

IDC 04 10:28:25.0,1.7,16.34Sx173.17W,h0km,mb3.9/5, mb1 4.0/6, mb1mx3.8/20, mbtmp3.9/6, ML1.8/1, Error ellipse: s-maj=60.3km s-min=23.4km az=126.0

ISCJB 04 10:28:27.0,1.2,16.25S:0.2x173:1W:0.3,h32km,mb3.8/6, Error ellipse: s-maj=47.0km s-min=33km az=35.5

ISC 04 10:28:28.1,1.5,16.35S:0.2x173:0W:0.4,h32km,n7, az=019/6, mb3.7/6, Samoa Islands region

Table for Samoa Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFZ, URZ, etc.

IDC 04 10:40:19.5,4.6,22.08N:120.96E,h0km,mb3.4/3, mb1 3.6/3, mb1mx3.3/24, mbtmp3.4/3, Error ellipse: s-maj=354.6km s-min=29.9km az=60.0

ISCJB 04 10:40:25.2,0.6,21.87N:0'03:120:55E:0.0, h51km,4km, mb3.4/3, Error ellipse: s-maj=6.6km s-min=5.6km az=161.4

TAP 04 10:40:25.0,1.2,21.88N:120.51E,h43km,1km,ML3.6,D JMA 04 10:40:26.3,0.4,22.08N:120.49E,h106km,M3.3,1.9 Error ellipse: s-maj=12.0km s-min=12.0km az=120.49E:0'05, h41km,8km, n40, az=068/62, mb3.5/3,5D, Taiwan region

Main table for Taiwan region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HEN, TWK1, etc.

128

Table for 128 section with columns: CHNS, EHY, EHY, PNG, PNG, SMLT, SMLT, YUCH, YUCH, WHF, WHF, WHF, TWQ1, TWQ1, NNS, NNS, NNS, NSTT, NSTT, NSK, NSK, ENT, ENT, TWC, TWC, TWC, YOJ, YOJ, HATJ, HATJ, IRIF, IRIF, IKRS, IKRS, JJKS, JJKS, JJJ, JJJ, JJJ, JJJ, MKAR, MKAR, WRA, WRA, ASAR, ASAR. Includes stations like CHNS, EHY, PNG, etc.

DJA 04 10:51:47.6,0.6,10.56S:6x12'0E:1.3, h19km,7km, M3.5/3, MLV3.5/3, Sumba region

Table for Sumba region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WBSI, WSI, WSI, LBF1, LBF1, MTNI, MTNI, BKSI, BKSI.

IDC 04 11:04:38.0,2.8,16.98S:178.96W,h496km,354km, mb3.0/6,mb1 3.3/6, mb1mx3.0/18, mbtmp3.0/6, Error ellipse: s-maj=124.9km s-min=55.1km az=4.0

ISCJB 04 11:04:40.3,1.4,17.05S:0.6x179:1W:0.4,h533km,mb3.3/6, Error ellipse: s-maj=88.7km s-min=17.9km az=150.1

ISC 04 11:04:41.0,1.5,17.05S:0.6x179:0W:0.4,h533km,n7, az=030/7, mb3.3/6, Fiji Islands region

Table for Fiji Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, WRA, ASAR, FITZ, NVAR, ILAR, TXAR.

IDC 04 11:06:38.4,0.9,15.40S:173.45W,h0km,mb4.0/10, mb1 4.2/10, mb1mx4.0/23, mbtmp4.0/10, Error ellipse: s-maj=32.4km s-min=21.3km az=129.0

ISCJB 04 11:06:39.6,0.7,15.35S:0.2x173:2W:0.2,h29km,mb4.0/9, Error ellipse: s-maj=28.7km s-min=12.5km az=135.2

ISC 04 11:06:41.0,0.8,15.35S:0.2x173:0W:0.2,h29km,n23, az=180.2, mb4.1/9, Tonga Islands

Main table for Tonga Islands section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFI, DZM, DZM, DZM, PPT2, PPT2, TBI, TBI, TBI, URZ, URZ, RKT, RKT, H11S2, H11S2, H11S1, H11S1, H11N3, H11N3, H11N1, H11N1, H11N2, H11N2, STKA, STKA, WRA, WRA, WRA, ASAR, ASAR, FITZ, FITZ, PETK, PETK, QSPA, QSPA, QSPA, Lajitas Array, Lajitas Array, ILAR, ILAR, BRTR, BRTR.

IDC 04 11:08:37.5,0.9,19.19S:173.57W,h0km,mb3.9/10, mb1 4.1/10, mb1mx4.0/23, mbtmp3.9/10, MS3.8/2, Ms1 3.6/2, ms1mx3.0/26, Error ellipse: s-maj=34.1km s-min=20.3km az=142.0

ISCJB 04 11:08:40.2,0.8,19.25S:0.2x173:7W:0.2,h28km,mb3.8/9, Error ellipse: s-maj=34.1km s-min=20.3km az=142.0

MS4.6/1, Error ellipse: s-maj=27.8km s-min=16.8km az=140.4

ISC 04 11:08:42.0+0.9, 19:25+0.3: 173.6W, 0.2, h28km, n13, c=114/10, mb3.9/9, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, CTX Charters Tower, etc.

WEL 04 11:09:16.2+0.6, 38:15S:175.75E, h172km, 5km, ML3.7/13, 2C-2D, Error ellipse: s-maj=3.9km s-min=3.4km az=0.0,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TWVZ Taureva, WTVZ West Tongariro, WVPZ Whakapapa, etc.

ISC 04 11:13:40.3+3.8, 5:64S, 148:60E, h146km, 31km, mb3.2/4, mb1.3/4, mb1mx3.2/19, mbtmp3.2/6, Error ellipse: s-maj=47.3km s-min=28.8km az=130.0

ISCJB 04 11:13:41.2+1.3, 5:75S:148:56E, h163km, mb3.4/4, Error ellipse: s-maj=43.9km s-min=14.3km az=20.1

ISC 04 11:13:42.1+1.4, 5:75S:148:56E, h163km, n6, c=079/7, mb3.3/4, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warrunganga Arr, ASAR Alice Springs, etc.

ISCJB 04 11:18:58.4+0.4, 3:62N:107:01E, h107km, h188km, mb3.7/10, Error ellipse: s-maj=8.1km s-min=3.9km az=155.0

ISC 04 11:18:58.6+4.9, 3:62N:107:01E, h186km, 46km, mb3.5/10, mb1.3/7, mb1mx3.4/31, mbtmp3.5/14, Error ellipse: s-maj=23.0km s-min=16.4km az=23.0

NCC 04 11:19:05.4+2.2, 37:08N:70:91E, h210km, 19km, mb3.1, mp3.7, Error ellipse: s-maj=19.0km s-min=12.2km az=26.0

ISC 04 11:18:59.3+0.5, 36:84N:0:05, 71:07E:0:08, h188km, n39, c=1567/43, mb3.7/10, 7C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thame Wali, etc.

ISCJB 04 11:20:35.9+0.6, 37:63N:0:07, 95:83E:0:07, h12km, mb4.0/8, Error ellipse: s-maj=10.7km s-min=6.5km az=30.7

ISC 04 11:20:36.4+0.9, 37:60N:95:87E, h0km, mb4.0/8, mb1.4/11, mb1mx3.9/30, mbtmp3.9/11, ML4.0/3, Error ellipse: s-maj=30.9km s-min=17.2km az=60.0

BUI 04 11:20:39.4, 37:58N:95:79E, h7km, mb4.2/3, ML4.0/7, M57.3/3

ISC 04 11:20:38.2+0.8, 37:72N:0:08, 95:89E:0:05, h12km, n17, c=105/21, mb4.1/8, 1D, Qinghai

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GTA Gaotai, LZH Lanzhou, WMQ Urumqi, etc.

comp=E:2.8nm, 0.7s, baz=321, slow=8.0, SNR=7.1

ISC 04 11:44:33.6+6.4, 15:94S:71:32W, h165km, 45km, mb3.5/2, mb1.3/6, mb1mx3.2/18, mbtmp3.6/3, MS3.4/1, Ms1.3/4/1, ms1mx2.6/25, Error ellipse: s-maj=151.7km s-min=58.2km az=174.0, Southern Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, NNA Nana, H03N1 Juan Fernandez, etc.

ISC 04 11:48:39.9+8.2, 15:69S:173:98W, h0km, mb3.6/3, mb1.3/9, mb1mx3.9/3, mbtmp3.6/3, Error ellipse: s-maj=362.6km s-min=37.4km az=139.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

ISCJB 04 11:56:25.7+0.4, 39:08N:0:03, 29:05E:0:03, h5km, 4km, Error ellipse: s-maj=4.5km s-min=3.2km az=165.4

CSEM 04 11:56:25.8+0.1, 39:10N:29:05E, h2km, MD3.0, Error ellipse: s-maj=2.3km s-min=1.7km az=159.0

ISC 04 11:56:25.1, 39:09N:29:06E, h8km, MD2.9

DDA 04 11:56:26.0, 39:13N:29:04E, h8km, MD3.0

ISC 04 11:56:26.0, 39:10N:0:02, 29:04E:0:02, h8km, 9km, n49, c=6437/1, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DEMI Demirci, GDZ Gediz, TVSB Tavsani, etc.

ATH 04 11:57:00.0, 40:73N-21:71E, h10km, MD3.0/3, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SOH Sokhos, PAIG Paliouri, etc.

ATH 04 11:57:25.6, 40:17N-24:51E, h10km, MD3.0/3, Aegean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OUR Ouranopolis, LIA Limnos Island, etc.

ISC 04 12:07:01.8, 3:2, 3:11S:134:38E, h0km, mb3.4/2, mb1.3/7, mb1mx3.5/18, mbtmp3.5/4, ML3.2/2, Error ellipse: s-maj=129.4km s-min=28.8km az=82.0

ISCJB 04 12:07:02.4+0.8, 3:23S:0:06, 134:70E:0:07, h18km, mb3.6/1, Error ellipse: s-maj=9.7km s-min=8.2km az=27.5

DJA 04 12:07:05.9, 2:2, 3:5S:13:5E, h107km, 25km, M3.6/4, ML3.6/4

ISC 04 12:07:03.4+1.2, 3:25S:0:1, 134:74E:0:08, h18km, n8





Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like A27A Ledoux Ranch, P27A Ficken Ranch, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like P30A Selden, C30A Mose, Pekin, X27A F and S Farms, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes entries like SML Sawmill, PAX Paxon, PAX Paxon, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like UNV, HKT, SIUC, SFIN, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like LVZ, VLA, MDJ, IMJAR, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like CDF, HAU, BRG, etc.

4d 14h

Table of station data for the 4d 14h section, including station names like WMQ, LZH, DZM, ANN, etc., and their respective coordinates and parameters.

Table of station data for the 4d 14h section, including station names like RAO, URZ, etc., and their respective coordinates and parameters.

2009 NOV

Main table of station data for 2009 NOV, listing various stations such as RPZ, DZM, CMA, CTAs, etc., with detailed coordinates and parameters.

134

Table of station data for the 134 section, including station names like NEM2, JRA, JAK, etc., and their respective coordinates and parameters.



Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Biratori 2, Maruseppu, Yuzh-Kuril'sk, etc.

MAN 04 14:39:16, 7.10N, 126.54E, h21km, mb4.6, ML3.5, MS3.4, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Mati, Davao City-Mi, Musan, etc.

IDC 04 14:40:57.1, 4.4, 13.61S, 167.73E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/19, mbtmp3.9/6, ML4.3/1, Error ellipse: s-maj=88.9km s-min=29.8km az=30.0

ISC 04 14:41:03.1, 3.4, 13.27S, 167.7E, 0.3, h35km, n7, c0520.7, mb3.6/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Urewera, Stephens Creek, etc.

IDC 04 14:45:52.0, 28.0, 16.75S, 174.73W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/18, mbtmp4.0/4, Error ellipse: s-maj=560.7km s-min=159.6km az=86.0, Tonga Islands

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

ISCJB 04 15:15:55.4, 0.9, 17.57S, 0.06:69.68W, 0.10, h152km, mb4.2/2, Error ellipse: s-maj=13.3km s-min=8.5km az=11.4

NEIC 04 15:15:57.5, 0.8, 17.47S, 69.68W, h166km, 9km, mb4.5/2, Error ellipse: s-maj=12.7km s-min=12.2km az=211.0

IDC 04 15:16:04.5, 5.2, 16.27S, 69.18W, h186km, 19km, mb3.8/3, mb1 3.7/4, mb1mx3.4/19, mbtmp3.8/4, MS3.2/2, Ms1 3.2/2, ms1mx2.7/37, Error ellipse: s-maj=323.4km s-min=51.1km az=11.0

ISC 04 15:15:56.8, 1.4, 17.65S, 0.2:69.53W, 0.09, h152km, n17, c215/16, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like La Paz, San Ignacio, Juan Fernandez, etc.

IDC 04 15:52:34.2, 7.10, 89S, 162.36E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4/18, mbtmp3.5/4, ML3.9/1, Error ellipse: s-maj=48.9km s-min=38.3km az=93.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Honiara, Warramunga Arr, WAKE ISLAND, etc.

0.2nm, 0.4s, baz=115, slow=6.5, SNR=4.2

IDC 04 16:26:20.0, 26.0, 2.20S, 102.81E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/23, mbtmp3.7/4, Error ellipse: s-maj=454.9km s-min=210.8km az=140.0, Southern Sumatera

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

IDC 04 16:35:22.2, 1.9, 3.00S, 100.95E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/23, mbtmp3.9/8, MS3.0/1, Ms1 3.0/1, ms1mx2.4/33, Error ellipse: s-maj=76.9km s-min=17.1km az=59.0

ISCJB 04 16:35:28.3, 0.6, 2.92S, 0.0:100.94E, 0.07, h46km, mb3.9/8, Error ellipse: s-maj=14.3km s-min=4.8km az=41.5

DJA 04 16:35:28.7, 1.4, 3.5S, 101.1E, h16km, 14km, M4.1/5, mb4.0/2, MLV4.2/5

ISC 04 16:35:29.6, 0.8, 2.91S, 0.0:100.98E, 0.09, h46km, n33, c150/33, mb4.1/5, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Maura Aman, Be, Kapahiang, Manna, Lahat, etc.

IDC 04 17:11:05.2, 0.8, 8.67S, 127.30E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.5/18, mbtmp3.6/4, ML3.7/3, Error ellipse: s-maj=95.1km s-min=28.3km az=71.0

AUST 04 17:11:18.4, 4.8, 8.76S, 127.14E, h172km, 2km, Error ellipse: s-maj=3.9km s-min=1.4km az=9.0

ISCJB 04 17:11:22.1, 1.6, 9.5S, 0.1:127.19E, 0.09, h33km, mb3.5/1, Error ellipse: s-maj=12.0km s-min=12.0km az=27.9

ISC 04 17:11:23.0, 2.2, 9.3S, 0.1:127.12E, 0.08, h35km, n9, c213/9, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Soe, Mantion Dam, Kakadu, etc.

IDC 04 17:23:08.2, 0.2, 8.74S, 127.16E, h0km, mb3.4/1, mb1 3.6/4, mb1mx3.4/18, mbtmp3.4/4, ML3.5/3, Error ellipse: s-maj=92.0km s-min=28.5km az=71.0

AUST 04 17:23:29.5, 11.47S, 130.10E, h600km

ISC 04 17:23:11.6, 1.8, 8.85S, 0.2:127.7E, 0.3, h35km, n8, c1916/6, Timor region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Mantion Dam, Kakadu, Kunurra, etc.

MEX 04 17:30:57.4, 0.9, 16.57N, 99.53W, h4km, 11km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Acapulco, El Cayaco, Tlapa, etc.

IDC 04 17:44:21.8, 1.1, 36.46S, 52.41E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/24, mbtmp3.9/5, ML4.0/1, Error ellipse: s-maj=62.3km s-min=22.5km az=25.0

ISCJB 04 17:44:22.1, 1.1, 36.4S, 0.2:52.5E, 0.12, h10km, mb3.8/4, Error ellipse: s-maj=36.6km s-min=20.2km az=32.5

ISC 04 17:44:23.4, 1.3, 36.5S, 0.3:52.4E, 0.2, h10km, n6, c089/6, mb4.0/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Ambohidratompo, Boshof, Torodi Arr, etc.

NIED 04 17:45:00.39, 00N, 140.80E, h5km, Mw3.6, Best double couple: M2.98000, 0.1014, NP1.9s, 124.00000, 0.78, 0.00000, 1.28, 0.00000, NP2.2s, 220.00000, 0.62, 0.00000, 1.28, 0.00000

ISCJB 04 17:45:02.9, 0.6, 39.00N, 0.03:140.84E, 0.04, h14km, 5km, mb3.5/4, Error ellipse: s-maj=5.7km s-min=4.9km az=8.9

IDC 04 17:45:02.3, 1.1, 38.93N, 140.71E, h0km, mb3.5/4, mb1 3.7/6, mb1mx3.5/25, mbtmp3.5/6, ML2.8/2, Error ellipse: s-maj=37.3km s-min=22.1km az=90.0

JMA 04 17:45:03.1, 38.99N, 140.81E, h4km, 1km, M3.5 JMA Fell II J1

ISC 04 17:45:02.8, 1.2, 38.97N, 0.03:140.79E, 0.05, h5km, 10km, n22, c096/22, mb3.6/4, 4C-3D, Eastern Honshu

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

JCGM 04 17:45:20.3, 34.62N, 24.89E, h38km, MD2.9, After ATH ATH 04 17:45:20.3, 34.62N, 24.89E, h38km, 2km, MD2.9, Crete

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

WEL 04 17:45:51.0, 2.0, 39.26S, 174.84E, h140km, 2km, ML3.5/6, Error ellipse: s-maj=2.9km s-min=2.2km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like Black Hill Sta, McNeill Hill, Otaki George, etc.

ISK 04 17:46:15.2, 40.75N, 27.45E, h2km, MD2.9

ISCJB 04 17:46:15.8, 0.4, 40.77N, 0.02:27.45E, 0.02, h3km, 4km, Error ellipse: s-maj=3.5km s-min=2.9km az=164.5

4d 18h

THE 04 17:46:16.8,40.81N,27.44E,h7km,3km,ML2.7/3,Error ellipse: s-maj=4.1km,s-min=1.3km az=330.0 DDA 04 17:46:22.1,40.72N,27.45E,h9km,MD2.8 CSEM 04 17:46:16.2,40.1,40.77N,27.45E,h8km,MD2.8,Error ellipse: s-maj=2.4km,s-min=2.0km az=155.0

ATH 04 17:46:22.1,40.61N,26.94E,h35km,3km,MD3.2/7 ISC 04 17:46:16.6,40.76N,27.45E,0.02,h11km,7km,n92,-0.64/116,Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like SART, KARABAGY, KRBG, etc.

ICD 04 17:52:46.7-0.9,36.16S:52.55E,h0km,mb4.0/6,mb1.4/1.6,mb1mx3.7/25,mbtmpp4.0/6,MS3.4/1,Ms1.3/3.1,ms1mx2.9/3.1,Error ellipse: s-maj=38.9km s-min=21.9km az=110.0

ISCJB 04 17:52:48.1,0.8,36.13S:0.1-52.6E,0.2,h18km,mb3.9/6,MS3.3/1,Error ellipse: s-maj=23.4km s-min=16.6km az=37.9

ISC 04 17:52:49.8-0.9,36.33S:0.2-52.5E,0.2,h18km,n12,-0.82/8,mb4.1/16,SWTOW Indian Ridge

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AMBODH, BOSHO, MAWSON, etc.

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Table with columns: WRA, ILAR, Time, Res. Lists stations like Warramunga Arr, Eileison Array.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like MONT, WARRAMUNGA ARR, ASAR, EILEISON ARRAY.

ICD 04 18:22:24.7,5.1,13.36Sx166.69E,h0km,mb3.5/3,mb1.3/8.3,mb1mx3.5/17,mbtmpp3.5/3,Error ellipse: s-maj=247.4km s-min=35.8km az=141.0,Vanuatu

ICD 04 18:35:21.8,0.4,15.62Sx171.76W,h0km,mb4.8/23,mb1.5/0.23,mb1mx5.0/23,mbtmpp4.8/23,MS4.4/10,Ms1.4/10,ms1mx4.7/27,Error ellipse: s-maj=16.9km s-min=13.0km az=129.0

ISCJB 04 18:35:21.5,3.5,15.65S:0.05-171.76W,0.03,h8km,2.1km,mb5.1/122,MS4.7/16,Error ellipse: s-maj=8.7km s-min=4.5km az=158.3

DJA 04 18:35:22.2,0.4,16.51Sx171.72W,h10km,MS.6/11,mb6.5/1,mb5.2/11,MLV5.8/1,Mv(mb)6.3/1

AUST 04 18:35:23.1,0.5,15.50S:171.66W,h10km,Error ellipse: s-maj=15.7km s-min=11.0km az=142.0

NEIC 04 18:35:23.2,0.1,15.64S:171.81W,h10km,mb5.1/76,Error ellipse: s-maj=7.0km s-min=3.6km az=140.0

NEIC Fell at Fagatoga, American Samoa. BUJ 04 18:35:25.7,14.82S:172.15W,h10km,mb5.5/22,ms1.2/3,MS5.4/17,Ms7.5/16

MOS 04 18:35:26.1,0.9,15.51S:171.66W,h33km,mb5.3/32,Error ellipse: s-maj=16.7km s-min=8.5km az=64.3

GCMT 04 18:35:28.0,0.3,15.57S:171.68W,h12km,MSW5.2, Moment Tensor Solution. s33,c41; s90,c134; Moment tensor: Scale 10^16Nm; Mr=7.65e-17; Mw=6.04e-17; Mw1.61e-17; Mw2.50e-17; Mw3.25e-14; Mw1.97e-14; Best double couple: Mb8.00000e+1016 Np1.277.00000e+053.00000e-111.00000e- NP2.00e130.00000e-042.00000e-1, -64.00000e- Principal axes: T: 7.36000e+16g, 0.000e+0, Azm: 22.000e-; N: 1.3100e+16g, 0.000e-; Az: -23.000e+; P: 3.6800e+16g, 0.000e-; Azm: 31.000e+; Data Used: IU JI C0, C1

ISC 04 18:35:25.1,0.9,15.72S:0.07-171.71W,0.06,h22km,g6km,n722,-0.097/726,mb5.1/121,MS4.6/16,41C-30D,Samoa

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like AFIL, AFAM, AFIA, etc.

Table with columns: WRRAB, WRRAB, WRRAB, etc. Lists stations like Tennant Creek, Warramunga Arr, etc.

Table with columns for station ID, name, frequency, mode, and power. Includes stations like NV11, 214A, I03D, etc.

Table with columns for station ID, name, frequency, mode, and power. Includes stations like HLID, HVU, HVU, etc.

Table with columns for station ID, name, frequency, mode, and power. Includes stations like SWMT, QLMT, X25A, etc.

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Table with columns: Station ID, Station Name, Frequency, Power, Class, and other technical data. Includes stations like JCT Junction City, Z30A Sanderson Ranch, U27A Thompson Grove, etc.

Table with columns: Station ID, Station Name, Frequency, Power, Class, and other technical data. Includes stations like K25A Mack Ranch, A19A Kilmworth Far, I24A Kuemmerle Ranch, etc.

Table with columns: Station ID, Station Name, Frequency, Power, Class, and other technical data. Includes stations like SNAA Sanae, SNAA Sanae, SNAO Sanae, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other parameters. Includes stations like Langenberg, Kilima Mbogo, Langenberg, Kilima Mbogo, etc.

ISC 14:18:41.40.2, 36.28N-34.68W, h8km, mb6.1/3s, mb5.5/3z, Ms5.9/38, Ms7.5/737
ISC/JB 14:18:41.42.2, 0.1, 36.15N-0.033:398W, 0.01, h10km, mb5.5/293, MS5.5/234, Error ellipse: s-maj=4.1km s-min=1.3km az=176.8

Main table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Residual, and other parameters. Includes stations like HOTS1 FLORES T-PHASE, HOTS1 FLORES T-PHASE, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, Residual, and other parameters. Includes stations like SACV Santiago Island, SACV Santiago Island, etc.

4d 18h

Table with columns: EKA, comp, P, P, 18 50 50.7 +0.2, etc. Lists various locations like Calviac, Montlieu, and their associated data points.

2009 NOV

Table with columns: PAGF, Fort de Pagny, 31.44 54 eP, etc. Lists locations like Fort de Pagny, La Chapelle, and their associated data points.

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Table with columns: BFO, Black Forest, 33.13 55 eP, etc. Lists locations like Black Forest, Djebel Ababisa, and their associated data points.



4d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FINESS, GOSNELL, and various other call letters.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ANOYIA, SPITSBERGEN, and various other call letters.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HUITING FARM, WADE FARM, and various other call letters.



Main table containing auction listings with columns for item ID, description, date, time, location, and price. Includes sub-headers like '4d 18h' and various farm names such as Dighton, Flueckinger Fa, Atwood, etc.

4d 18h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like J20A Shoshoni, 530A J-C Ranch, 022A Kremmling, etc.

2009 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 628A Black Gap, 125A Gardner Draw, 326A Caldwell Ranch, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SWMT Swartz Lake, PV09 Paradox Valley, PV09 Paradox Valley, etc.

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other details. Includes stations like MVU Marysvalle, X18A Snowflake, 320A Kipp Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other details. Includes stations like 214A Organ Pipe Nat, PAYG Puerto Ayora, G05D Wamic, etc.

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other details. Includes stations like BEKR Beckworth, LPIG La Paz, M04C Macdoel, etc.

2009 NOV

4d 18h

Main data table with columns for station call letters, frequency, power, and various technical parameters. Includes sub-sections like '4d 18h' and '2009 NOV'.

Table with columns for station code, name, frequency, and other technical details. Includes stations like HHC, LZH, MDJ, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like YHNB, QIZ, PPT2, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like STKA, CAN, CZN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like EFP, EFP, EFP, Vlachokerasia, Vlachokerasia, GUR, GUR, KALE, KALE, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KKN, KKN, KKN, KKN, DANN, DANN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MAN 04 19:48:28, MAN 04 19:48:28, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ISCJB 04 19:50:45, ISCJB 04 19:50:45, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ISC 19:50:46, ISC 19:50:46, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LFRS, LFRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LFRS, LFRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LFRS, LFRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LFRS, LFRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQS, BOQS, LFRS, LFRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MLZ, MLZ, SYZ, SYZ, etc.

ISC/JB 04 20:01:45 0.0, 11.62Sx166.166E, 0.05, h37km, mb4.7/31, MS4.1/1, Error ellipse: s-maj=7.3km

NEIC 04 20:01:46 1.0, 3.1165Sx166.30E, h35km, mb4.8/14, Error ellipse: s-maj=10.4km s-min=7.0km az=134.0

IDC 04 20:01:47 1.2, 1.162Sx166.27E, h44km, mb4.3/17, Ms1 4.5/20, mb1mx3.4/25, mbtmp4.3/20, ML4.0/3, MS4.3/1, Ms1 4.3/1, ms1mx3.7/30, Error ellipse: s-maj=18.5km

DJA 04 20:02:08 1.3, 4.12Sx16.5E, h150km, mb26km, Error ellipse: s-maj=2.0km s-min=1.4km az=14.0

AUST 04 20:02:33 0.3, 6.1287Sx164.06E, h322km, Error ellipse: s-maj=2.0km s-min=1.4km az=14.0

ISC 04 20:01:46 3.0, 11.65Sx166.06E, h37km, mb4.7/31, MS4.1/1, Error ellipse: s-maj=7.3km

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

IDC 04 19:40:14 2.2, 0.239N, 95.76E, h0km, mb3.8/5, mb1 3.8/7, mb1mx3.6/26, mbtmp3.7/7, ML3.5/2, Error ellipse: s-maj=58.7km s-min=20.5km az=56.0

ISC/JB 04 19:40:19 2.1, 3.24AN, 0.10, 95.95E, 0.09, h45km, 12km, mb3.8/5, Error ellipse: s-maj=18.8km s-min=11.3km az=39.8

DJA 04 19:40:23 0.5, 2.15Sx9.7E, h101km, M3.9/7, mb4.5/1, MLV3.6/7

ISC 04 19:40:18 8.2, 2.25N, 0.1, 95.95E, 0.1, h25km, n35, c1606.20, mb4.0/5, Off west coast of northern Sumatra

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SCHO, SCHO, YKA, YKA, etc.

WEL 04 19:55:11 3.0, 3.46S, 165.57E, h33km, ML4.2/12, Error ellipse: s-maj=4.3km s-min=1.5km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PYZ, PYZ, APZ, APZ, etc.

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

Table listing station names, coordinates, and various parameters for stations in the South Georgia Island region.

Table listing station names, coordinates, and various parameters for stations in the AZORES Islands region.

Table listing station names, coordinates, and various parameters for stations in the Tanganyika region.

ISCJB 04 20:06:24.3:0.7, 43:39N;0:05:76:83E;0:08, h9km, Error ellipse: s-maj=10.9km, s-min=4.3km az=39.2

NNC 04 20:06:25.9:3.5, 43:28N;76:72E, h24km, 30km, mb3.7, mpv3, 1, Error ellipse: s-maj=32.5km s-min=9.3km az=142.0

KNET 04 20:06:26.8:0.8, 43:22N;76:70E, h26km, 6km, ml2.6, Error ellipse: s-maj=5.4km s-min=3.1km az=39.0

ISC 04 20:06:25.1:1.0, 43:34N;0:05:76:75E;0:06, h9km, n13, c180;20,11C;10, 43, Lake Issyk-Kul region

Table listing station names, coordinates, and various parameters for stations in the Lake Issyk-Kul region.

AUST 04 20:37:57.8:4.4, 6:46S; 130:20E, h0km, Error ellipse: s-maj=1.0km s-min=0.6km az=285.0

ISCJB 04 20:37:59.4:0.4, 6:30S;0:05:130:02E;0:07, h90km, mb4, 1/6, Error ellipse: s-maj=10.2km s-min=6.6km az=159.1

ISC 04 20:38:00.6:5.2, 6:33S; 130:47E, h102km, 53km, mb3.8/6, mb1 4.0/9, mb1mx3.8/18, mbtmp3.9/9, MS3.7/1, Ms1 3.9/1, ms1mx3.2/26, Error ellipse: s-maj=37.4km s-min=28.4km az=75.0

ISC 04 20:37:60.0:6.6, 6:41S; 0:07:130:21E;0:10, h90km, n32, c172;23, mb4, 1/6, Banda Sea

Table listing station names, coordinates, and various parameters for stations in the Banda Sea region.

ISC 04 21:07:39.2:0.7, 6:23S; 147:96E, h0km, mb4.0/14, mb1 4.2/16, mb1mx4.1/19, mbtmp4.0/16, ML3.9/2, MS3.1/2, Ms1 3.1/2, ms1mx2.9/25, Error ellipse: s-maj=27.8km s-min=13.9km az=93.0

ISCJB 04 21:07:44.8:0.4, 6:28S;0:04:147:74E;0:08, h51km, mb3.9/14, MS3.4/1, Error ellipse: s-maj=11.3km s-min=5.6km az=6.8

NEIC 04 21:07:45.9:1.6, 6:31S; 147:88E, h49km, 14km, mb4.0/5, Error ellipse: s-maj=13.3km s-min=10.5km az=76.0

AUST 04 21:07:51.0:0.5, 6:55S; 147:63E, h78km, Error ellipse: s-maj=1.6km s-min=1.1km az=329.0

ISC 04 21:07:46.3:0.5, 6:30S;0:06:147:9E;0:11, h51km, n63, c094;66, mb3.9/14, Eastern New Guinea region

Table listing station names, coordinates, and various parameters for stations in the Eastern New Guinea region.

ISC 04 20:44:37.4:8.2, 20:77S;176:69W, h0km, mb4.0/3, mb1 4.1/3, mb1mx3.7/15, mbtmp4.0/3, MS4.1/1, Ms1 4.1/1, ms1mx3.3/28, Error ellipse: s-maj=173.4km s-min=94.0km az=160.0, Fiji Islands region

Table listing station names, coordinates, and various parameters for stations in the Fiji Islands region.

ISCJB 04 20:43:39.2:0.8, 5:52S;0:1:31:9W;0:3, h10km, mb4, 1/5, MS3.8/2, Error ellipse: s-maj=27.3km s-min=16.4km az=148.9

ISC 04 20:43:39.6:0.8, 5:52S; 31:90W, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/15, mbtmp4.0/6, MS3.9/2, Ms1 3.9/2, ms1mx3.4/20, Error ellipse: s-maj=31.6km s-min=21.6km az=57.0

Table listing station names, coordinates, and various parameters for stations in the Fiji Islands region.

4d 21h

Table with columns: MKAR, Makanchi Array, 78.27 320 P, P, 21 19 40.0 -0.8, GLBA, Cililabad, 3.01 182 Pn, Pn, 21 11 28.8 -2.5

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Table with columns: GLBA, Cililabad, 3.01 182 Pn, Pn, 21 11 28.8 -2.5, GLBA, Gudauri, 3.03 275 S, S, 21 11 28.8 -2.5

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Table with columns: ARCES ARCESS Array B, 29.85 344 eP, P, 21 16 16.5 +2.6, ARCES ARCESS Array B, 29.85 344 P, P, 21 16 16.1 +2.2

IDC 04 21:10:05.0.1.4.2.03N-48.46E, h0km, mb3.9/9,

mb1 4.0/13, mb1mx3.8/30, mbtmp0.0/13, ML4.1/4, MS4.1/1,

MOS 04 21:10:11.1.1.2.42.17N-48.50E, h59km, mb4.1/8, Error ellipse: s-maj=9.4km s-min=6.2km az=42.4

AZER 04 21:10:11.6.0.0.42.08N-48.40E, h53km, Error ellipse: s-maj=1.7km s-min=0.8km az=11.0

ISC/JB 04 21:10:11.3.0.3.42.30N-0.02-48.59E-0.04, h59km, 6km, mb3.8/14, MS4.1/1, Error ellipse: s-maj=5.0km

CSEM 04 21:10:12.3.0.2.30N-48.56E, h53km, 4km, mb4.0/8, Error ellipse: s-maj=6.7km s-min=4.8km az=51.0

NNC 04 21:10:16.8.1.9.42.53N-49.76E, h0km, mb4.0, Error ellipse: s-maj=31.7km s-min=15.4km az=13.0

ISC 04 21:10:11.4.0.8.42.25N-0.03-48.55E-0.04, h46km, 10km, n127, 0.177/155, mb3.9/13, 20C-26D, Caspian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KSMR Kasumkent, 0.72 206 P, P, 21 10 34.5 -0.9

KBZ Khabaz, 4.41 292 P, P, 21 11 16.6 +0.9

KBZ Khabaz, 4.41 292 P, P, 21 12 04.5 -1.2

KBZ Khabaz, 4.41 292 P, P, 21 11 16.6 +0.9

KBZ Khabaz, 4.41 292 P, P, 21 12 04.5 -1.2

KIV Kislovodsk, 4.62 294 eP, P, 21 11 19.3 +0.5

KIV Kislovodsk, 4.62 294 eP, P, 21 11 19.3 +0.5

AKTK Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.8 -1.0

AKTO Aktyubinsk, 10.47 35 P, P, 21 12 37.4 -1.4

IDC 04 21:17:40.8.2.8.21.53S-71.15W, h0km, mb4.0/1, mb1 3.7/3, mb1mx3.5/15, mbtmp3.7/3, ML3.5/0.1, Error ellipse: s-maj=95.9km s-min=56.6km az=132.0, Coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LPAZ La Paz, 5.94 29 Pn, Pn, 21 19 10.9 0.0

NNC 04 21:26:33.7.8.0.36.64N-70.50E, h98km, 140km, mb3.3, mpv3.6, Error ellipse: s-maj=63.7km s-min=51.0km az=179.0

ISC 04 21:26:32.3.3.6.36.5N-0.2-70.50E-0.1, h88km, n9, 0.080/11, 3C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, AML Almayush, 6.11 23 Op, Pn, 21 28 01.1 +0.7

ISC/JB 04 21:30:50.9.0.7.51.8N-0.2-178.5W-0.1, h45km, mb3.8/10, Error ellipse: s-maj=23.6km s-min=8.9km az=1.4

IDC 04 21:30:52.1.3.2.51.62N-178.42W, h45km, 28km, mb3.5/11, mb1 3.7/12, mb1mx3.6/26, mbtmp3.5/12, ML3.5/1, Error ellipse: s-maj=31.4km s-min=14.8km az=172.0

ISC 04 21:30:52.0.0.9.51.6N-0.2-178.40W-0.09, h45km, n29, 0.057/25, mb3.8/10, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, FX1 Attu Island-F, 5.33 287 Op, Pn, 21 32 09.4 +0.4

ISC/JB 04 21:42:25.3.0.3.3.56N-0.04-95.27E-0.04, h35km, mb4.2/25, Error ellipse: s-maj=7.0km s-min=4.1km az=41.5

IDC 04 21:42:28.7.3.3.3.69N-95.38E, h45km, 31km, mb3.9/16, mb1 4.0/18, mb1mx3.9/28, mbtmp3.9/18, ML4.2/2, MS3.5/1, MS1 3.7/1, ms1mx3.0/34, Error ellipse: s-maj=25.2km s-min=12.1km az=66.0

NEIC 04 21:42:30.3.1.2.3.73N-95.47E, h64km, 11km, mb4.4/15, Error ellipse: s-maj=12.8km s-min=4.2km az=62.0

DJA 04 21:42:30.5.0.7.3.73N-95.47E, h53km, 9km, M4.5/4, mb4.8/2, mb4.9/1, MLV4.3/4, MWM(b)4.2/1

ISC 04 21:42:27.1.0.4.3.57N-0.05-95.28E-0.06, h35km, n81, 0.1509/83, mb4.1/25, Off coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SINSI Sinabang, Aceh, 1.56 138 Op, Pn, 21 42 51.9 +0.4



Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like PSI Prapat, KULM Kulim, IPM Ipo, PPI Padang Panjang, etc.

ICD 04 21:56:07.9,0.4, 37:69N:95:87E, h3km, mb5.2/30, mb1.5/34, mb1mx5.3/34, mbtmp5.2/34, ML5.1/4, MS4.5/30, Ms1.4/30, ms1mx4.4/39, Error ellipse: s-maj=14.7km s-min=9.9km az=35.0

Main table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like GTA Gaotai, LSH Lhasa, CHENGDU Chengdu, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like MKAR Makanchi Array, KOLDANDA Koldanda, TALAIA Talaya, etc.

Table with columns: Code, Station Name, Az, El, Time, Res. Includes stations like MKAR Makanchi Array, KOLDANDA Koldanda, TALAIA Talaya, etc.

4d 21h

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Table with columns for station call letters, frequency, time, and other parameters. Includes stations like USP, BHK, THN, AML, EKS2, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like SSE, SSE, SSE, SSE, SSE, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like IEMG, GOA, IDAH, IMON, AKTO, etc.



2009 NOV

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like FYTO, SKO, KRALC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like GEC2, GERES, MOA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like DRUM, MCD, SFTF, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

GUC 04 22:29:13.8-0.4, 21°50'S-68°61'W, h139km, 3km, ML3.5, 6C-12, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

CASC 04 22:48:36.2-1.5, 13°02'N-89°17'W, h34km, 12km, MD3.7, ML3.6-EI Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ISCJB 04 23:21:58.6-0.7, 9°15'S-0°1':108°2'W-0°1':108°10'W, mb4, 1/10, MS3, 9/15, Error ellipse: s-maj=17.4km s-min=14.3km z=24.7

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Paz, Juan Fernandez, H03N2, etc.

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

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

ISCBJ 04 23:31.30.0.0.2, 34.53N.0.03.109.26E.0.03, h10km, mb4.4/31, MS3.5/5, Error ellipse: s-maj=4.2km s-min=3.3km az=35.6

Table with columns for Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC. Includes stations like XAN, XAN, XAN, etc.

Table with columns for Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC. Includes stations like SHL, CHTO, CHTO, etc.

Table with columns for Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC. Includes stations like LPL, LPL, LPL, etc.

Table for KRSC 04 23:35.15.9.10.0, 52.83N.156.91E, h303km, g3km, ML3.9, Kamchatka Peninsula. Includes columns for Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC.

Table for ISCBJ 04 23:49.20.8.0.9, 60.1S.0.1x.18.6W.0.4, h18km, mb4.2/6, MS3.9/9, Error ellipse: s-maj=32.0km s-min=10.9km az=150.3. Includes columns for Code, Station Name, Frequency, Power, Phase ID, Time, Res, ISC.





Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like Tucker Farm, Tecolote Peak, McDonald Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like Glamis, Kremmling, Ten Mile Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like KEST, GERES, FINES, PETK, AKASG, etc.



BUJ 05 03:16:07.7,50.90N,170.20W,h10km,mB5.1/16,
mb4.9/27,M4.8/12,M5.7 4.5/11
IDC 05 03:16:09.0,6.50.81N,170.28W,h0km,mb4.4/29,
mb1 4.6/31,mb1mx4.5/36,mbtmp4.4/31,ML3.7/2,MS3.5/6,
M5.1 3.6/6,ms1mx3.2/34,Error ellipse: s-maj=4.8km
s-min=10.3km az=173.0
ISCJB 05 03:16:10.4,1.1,50.96N,0.03,170.15W,0.03,h15km,7km,
mb4.7/100,MS3.9/8,Error ellipse: s-maj=4.8km
s-min=3.0km az=11.9
MOS 05 03:16:13.7,0.8,50.86N,170.30W,h33km,mb5.1/39,
Error ellipse: s-maj=11.7km s-min=6.1km az=103.2
NEIC 05 03:16:14.9,51.26N,170.40W,h26km,mb4.8/38,After
A/EIC
ISC 05 03:16:12.8,0.5,51.02N,0.06,170.25W,0.04,h15km,2km,
h15km,pP,n521,ci10/560,mb4.8/103,MS4.0/9,
111C-123D,Fox Islands

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

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

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

Table with columns: ID, Name, RA, Dec, Mag, Dist, etc. Includes entries like Thompson Grove, Owens Ranch, Dighton, Mallet, Sheeppan Canyon, etc.

Table with columns: ID, Name, RA, Dec, Mag, Dist, etc. Includes entries like Kangerlussuaq, Tula, Baggett Ranch, San Angelo, Coleman, Nanjing, etc.

Table with columns: ID, Name, RA, Dec, Mag, Dist, etc. Includes entries like Arti, Guinyang, Klimovskoe, Kangasniemi, etc.

Table of astronomical observations for station MBAR Mbarara, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Residual.

Table of astronomical observations for station MBAR Mbarara, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Residual.

Table of astronomical observations for station SLR Silverton, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Residual.

ISCJB 05 03:36:16.70.4, 1.08S:0.06:27.47E:0.04, h10km, mb4.2/17, MS3.1/2, Error ellipse: s-maj=9.2km s-min=6.4km az=177.3

ISCJB 05 04:10:37.8:0.4, 10.04S:0.04:33.85E:0.06, h10km, mb4.3/14, MS3.4/2, Error ellipse: s-maj=8.8km s-min=7.7km az=155.2

ISCJB 05 04:17:10.9:0.4, 2.59S:138.92E, h0km, mb5.0/21, mb1.5/12, mb1mx0.2/8, mb1mx0.2/8, mb1mx0.2/8, MS4.9/18, MS1.4/9/18, ms1mx0.7/20, Error ellipse: s-maj=19.2km s-min=8.8km az=84.0

NEIC Felt [IV] at Sami.
DJA 05:04:17:19.3:0.4,3.3:13.9E, h43km,4km,M5.7/34,
m86.0/25,m5.7/34,MLV6.0/4,MW(m)5.6/25
GCMT 05:17:19.0:0.1,2.45S:138.99E,h24km,MW5.4,Moment
Tensor Solution. s90,c145; s7,c7; Moment tensor:
Scale 1017Nm; Mir-0.17z:02; Mwo-0.50z:02; Mwo-0.67z:02;
Mw-0.93z:05; Mw-1.07z:02; Mw-0.83z:05; Best double
couple: Mo-1.700000e+1017 NP1.0s167.000000e+777.000000e+
lambda-144.000000e- NP2.0s68.000000e+855.000000e+
lambda-16.000000e- Principal axes: T 1.3600, P1g14.0000,
AzM294.0000; N 0.6100, P1g55.0000; AzM185.0000; P
-1.9800, P1g34.0000; AzM34.0000; Data Usr: J I U I C
G N C Surface waves: sta=108,comp=181,per=50.
ISC 05:04:17:18.7:0.3,2.63S:003:138.94E:0.04,h56km,2km,
h56km;p-P,N,487,r165/495,m5.3/124,MS5.0/121,
12C-19D,Irian Jaya

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

Table with columns: MYLDM, Lahad Datu, 21.84 291 eP, P, 04 22 08.9 +2.1. Lists seismic events with station names and magnitudes.

Table with columns: OZH, comp=Z,160nm,1.0s, pmax, pmax, 04 23 56.2 -0.4. Lists seismic events with station names and magnitudes.



Table with columns: AA, ALA-Archa, 73.31 316, P, P, 04 28 45.5 +0.8, etc. Lists various astronomical observations with station codes and coordinates.

Table with columns: KBZ, Khabaz, 96.18 314, LR, LR, 05 18 49.7, etc. Lists astronomical observations with station codes and coordinates.

Table with columns: ACSO, comp=Z,500nm,19.9s, LR, LR, etc. Lists astronomical observations with station codes and coordinates.



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Table of astronomical observations with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residual. Includes entries for Makanchi Array, Matushiro, and various other stations.

Table of astronomical observations for MEX 05 04:52:26.9, 0.5, 15:11N, 95:42W, 118km, 53km, MD3.6, near coast of Oaxaca. Includes station names like ZIIG, ZALG, ARIG, and various time and residual data.

Table of astronomical observations for 5d 5h, including stations like ESPR, ECEU, ECEU, and various time and residual data.

5d 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECHE Chera, ECHE Beja, PCVRE Castro Verde, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMTG Montargil, EMOS Mosqueruela, PCBR Castelo Branco, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ESAC, ECAL Calabor, EPOB, etc.



5d 6h

Table of astronomical observations with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like JCJ, VDA, VNA, WAKR, etc.

ADC 05:06:11:48.1z.2.1, 17.04S:177.10W, h0km, mb3.9/6, mb1.4/2.6, mb1mx3.9/19, mbtmp3.9/6, MS4.3/1, Ms1.4/3.1, ms1mx3.7/17, Error ellipse: s-maj=120.7km s-min=22.2km az=147.0

ISCJB 05:06:11:51.9z.2.0, 17.0S:0.6:177.2W:0.5, h33km, mb3.9/6, MS4.2/1, Error ellipse: s-maj=110.7km s-min=20.5km az=146.3

Table of astronomical observations for Fiji Islands region, with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like DZM, PPT, TBI, etc.

ADC 05:06:13:43.8z.10.0, 17.86S:176.60W, h0km, mb3.7/3, mb1.4/0.3, mb1mx3.7/18, mbtmp3.7/3, Error ellipse: s-maj=482.6km s-min=37.0km az=143.0, Fiji Islands region

Table of astronomical observations for Western Gulf of Aden region, with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like WRA, ASAR, ILAR, etc.

BUI 05:06:23:01.5z.12.10N:45.60E, h2km, mB5.0/6, mb4.3/9 CSEM 05:06:23:03.0z.0.2, 12.14N:45.85E, h2km, mb4.6/4, Mw5.1, Error ellipse: s-maj=7.7km s-min=6.2km az=136.0

Table of astronomical observations for DMHR region, with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like LBOS, BDHA, etc.

2009 NOV

Main table of astronomical observations for 2009 NOV, with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like BDHA, IAL, IKIA, etc.

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Table of astronomical observations for the 170 region, with columns for Code, Station Name, Az, El, Op, Phase ID, Time, Res, and ISC. Includes stations like IAL, IKIA, IGLO, etc.

ADC 05:06:23:47.6z.1.2, 12.02'N:46.05'E, h0km, mb4.1/5, mb1.4/3.5, mb1mx3.8/24, mbtmp4.0/5, Error ellipse: s-maj=50.4km s-min=28.1km az=174.0



5d 7h

Table with columns: SNZO, South Kori, TCW, etc. and rows for various stations and their frequencies.

IDC 05 07: 11.49.7.21.0, 41.70N, 143.92E, h0km, mb3.9/4, ...

ISCJB 05 12: 10.2.0.6, 42.58N, 0.05:142.89E, 0.05, ...

JMA 05 07: 12.11.9.0.1, 42.62N, 142.94E, h104km, 1km, MS.4

ISC 05 07: 12.11.3.0.1, 42.56N, 0.05:142.90E, 0.05, h112km, 7km, ...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing various stations and their parameters.

DHMR 05 07: 12.17.1.1.3, 11.89N, 46.07E, h6km, 9km, ML5.3

ISCJB 05 07: 12.27.4.1, 11.77N, 45.82E, h10km, mB5.6/51, mB5.4/57, ...

MOS 05 07: 12.30.5.0.5, 12.11N, 46.10E, h0km, mb4.9/28, ...

OMAN 05 07: 12.30.6.3.4, 12.05N, 46.03E, h0km, 1km, Error ellipse: ...

IDC 05 07: 12.30.5.0.5, 12.11N, 46.10E, h0km, mb4.9/28, ...

CSEM 05 07: 12.31.6.0.2, 12.07N, 45.97E, h2km, mB5.3/37, MS5.0, ...

PRE 05 07: 12.32.3.2.3, 12.06N, 46.00E, h10km, mB5.0, ...

NEIC 05 07: 12.32.4.0.2, 12.11N, 45.91E, h10km, mB5.5/78, ...

GGMT 05 07: 12.32.3.0.1, 12.12N, 46.11E, h12km, MW5.6, Moment ...

TEH 05 07: 12.33.0.1, 12.07N, 46.02E, h10km, ML5.4

NEIC 05 07: 12.48.0.0.0, 12.11N, 45.77E, h10km, Moment Tensor ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

ISC 05 07: 12.32.7.0.3, 12.09N, 0.03:45.96E, 0.03, h12km, 1km, ...

2009 NOV

Main table with columns: TRBA, At Turbah, TRBA, etc. and rows for various stations and their frequencies.

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Table with columns: ZALF, Zalf, Zalf, etc. and rows for various stations and their frequencies.

Table with columns: Name, Frequency, Mode, Band, QTH, Date, Time, Az, El, SNR, etc. Rows include stations like KELT, GUMT, DDEM, etc.

Table with columns: Name, Frequency, Mode, Band, QTH, Date, Time, Az, El, SNR, etc. Rows include stations like KIV, KIV, KIV, HYB, etc.

Table with columns: Name, Frequency, Mode, Band, QTH, Date, Time, Az, El, SNR, etc. Rows include stations like VOIR, VOIR, VOIR, ARR, etc.





Table of astronomical observations for 2009 NOV, columns include object name (e.g., DAVA, BRG), coordinates (comp-Z, 2.65nm, 1.1s), magnitude (46.66 322), and other parameters (P, Pmax, etc.).

Table of astronomical observations for 2009 NOV, columns include object name (e.g., LANF, VSU, HAU), coordinates (comp-Z, 2.60nm, 1.4s), magnitude (48.45 327), and other parameters (P, Pmax, etc.).

Table of astronomical observations for 2009 NOV, columns include object name (e.g., NVS, ESDC, ZAAO), coordinates (comp=N, 4.6nm, 1.6s), magnitude (51.80 311), and other parameters (P, Pmax, etc.).

5d 7h

Table with columns for city names (e.g., Lanzhou, Kiangsu, Maura Aman, Be Horse Pasture), flight numbers, times, and status indicators (P, S, SS, etc.).

2009 NOV

Table with columns for city names (e.g., BJI, SACYV, SACYV, KINGSBAY, Nanjing), flight numbers, times, and status indicators (P, S, SS, etc.).

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Table with columns for city names (e.g., MDJ, Mudanjiang, Kul'dur, DAVAO CITY, Ussuriysk Arr, etc.), flight numbers, times, and status indicators (P, S, SS, etc.).

Table with columns: Station, Comp, Time, and other metrics. Rows include COLA College, ILAR Elison Array, ILAR Elison Array, ILAR Elison Array, ILAR Port Moresby, ANWB Willy Bob, ANWB Fort de France, EGAK Eagle, CTAO Charters Tower, CTAO Binghamton, GRGR Grenville, SJG San Juan, ERPA Erie, CBN Corbin, CAN Canberra, MCWV Mont Chateau, SBA Scott Base, SBA East Falkland, FFC Flin Flon, CNCC Cliffs of the, EYMN Ely, PMSA Palmer Station, ACSO Alum Creek Sta, ACSO Blacksburg, GRTK Grand Turk, SAML Samuel, SDDR Presa de Saban, AGMN Agassiz Nation, TRQA Tornquist, WRAK Wrangell Island, JFWS Jewell Farm, GTBY Guantanamo Bay, DGMT Dagmar, SCIA State Center, ECSD EROS Data Cent, C23A Lambert, HNR Honiara, LPAZ La Paz, LPAZ La Paz, EGMT Eagleton, EGMT LASA Array, C19A Laclew Wire Ran, LRAL Lakeview Retre, MTLJ Mount Denham, D19A Cripps Ranch, E20A Meyer Farm, OXF Oxford, LVC Limon Verde, H24A Dirks Ranch, I25A Rochford, BRAL Brewton, F19A Roth Farm, NEW Newport, NEW Newport, SLMT Seeley Lake, KSU1 Kansas State U, RMO Missoula, LRMT Red Lodge, LCO Las Campanas, BOZ Bozeman (W), BOZ Bozeman.

2009 NOV

Table with columns: Station, Comp, Time, and other metrics. Rows include BOZ Bozeman (W), J21A Midwest, J32A Stockton, VBMS Vicksburg, I20A Worldan, OGNE Ogallala, P30A Selden, MIAR Mount Ida, R32A Long Quarter, J20A Shoshoni, K22A Casper, NLWA Neilton Lookou, L23A Garrett, TUL1 Tulsa, Q30A Quinter, K21A Alcova, I17A Pilgrim Ck, HAWA Hanford, J19A Crowheart, T33A Patterson Ranc, BW06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, P26A Davis Ranch, N23A Red Feather La, KMSO Kaye Shedlock, BMO Blue Mountains, AHID Auburn Hatcher, Q24A Wattenberg Ran, N22A Willow Gulch B, P25A Lake Granby, HLID Hailey, HLID Hailey, R27A Gads, ISCO Idaho Springs, S28A Manter, BCIP Isla Barro Col, N20A Spence Gulch, R26A Arlington, P23A Jefferson, DZM Mont Dzumac, WMOK Wichita Mounta, R25A Fountain Ranch, S26A Kim, T27A Campo, R24A Sanders Place, R25A Sanders Cordova, X31A McDonald Ranch, R23A Moffat, OTAV Otavalo, P19A Cripple Cowboy, JLU Jordanelle, JLU Jordanelle, S24A Houchin Ranch, SDCC Great Sand Dun, J05D Fort Rock, R22A Sagache, Q20A Ridgley Place, WHTX Lake Whitney, WVOR Wild Horse Val, U26A Atovey Ranch, Z32A Haskell, NNA Nana, T24B San Luis, S22A Kur Ranch, U25A Circle Dot Ran, HKT Hockley, DUG Dugway, DUG Dugway, DUG Dugway, V26A Tequesquite Ra.

Table with columns: Station, Comp, Time, and other metrics. Rows include Z31A Sharp Cattle R, T23A Casias Ranch, R20A Redvale, W27A Bowe Ranch, TEIG Tepich, ABTX Abilene, Hawle, S21A Coal Bank Pass, S20A Disappointment, V25A Rancho No Teng, T22A Edith, Q16A Castle Valley, Z30A Sanderson Ranc, U23A El Rito, Y28A McKimney Farm, T21A Navajo Lake, V24A Rampart Ranch, M04C Macdoel, W25A X Bar L Ranch, Z32A Coleman, MVCO Mesa Verde, BMN Battle Mountai, X130A Snyder, Z31A Bronte, V23A Ortiz Mt. (NFS), Y27A Cauty, 332A Millersview, MVU Marysvale, W24A Lazy B Ranch, U21A Nageezi, M02C Callahan, V22A San Miguel Ran, X25A Clemmons Ranch, 129A Stewart Farms, 432A Menard, Z30A Sterling City, Z27A Tatum, 331A San Angelo, 128A Castleberry Fa, JCT Junction City, JCT Junction City, Y25A Mesa, Roswell, JTS JuntasAbangare, ANMO Albuquerque, ANMO Junction City, 229A Bryant Ranch, 330A Mertz, Z26A Caprock, V20A Brimhall, 532A Rocksprings, 431A Sonora, PAHR Pah Ran Range, TGUH Tegucigalpa, 329A Wagon Wheel Ra, Z25A Roswell, R11A Troy Canyon, 430A Baggett Ranch, X22A Bernardo, 531A Rocksprings, Y23A Lovelace Mesa, 126A Clayton Basin, 632A Uvalde, LAZ Ladrón, W20A Ramah, Z24A Sheeppen Cayno, KVTX Kingsville, X21A Alamoquita Cree, 429A Davenport Ranc, 530A J-C Ranch, U15A North Rim, 226B Tecolote Peak, NV11 Mina Array, NV11 Mina Array, NVAR Mina Array, NVAR Mina Array, X20A Quemado, TPH Tonopah, TPH Tonopah, Z23A Rito Site, W32A Laxson Ranch, Y21A Point of Rocks, 124A Stringfield Ra, 428A Kincaid Ranch.

5d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKR Walker, WUAZ Deer Hill, WUUA Wupatki, etc.

TRN 05 07:16:37.8, 18.29N:63.96W, h21km, MD3.1 (RSPR)
NEIC 05 07:16:40.2, 18.58N:63.84W, h24km, MD3.1 (RSPR)
After RSPR.
RSPR 05 07:16:40.2, 18.58N:63.84W, h25km, MD3.1, 9C-3D, Leeward Islands

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

2009 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBVI Saint Thomas, STVI Saint Thomas, etc.

ISCJB 05 07:28:46.7, 0.4, 12.18N:0.04:45.79E:0.04, h13km, mb4.1/22, MS2.31, Error ellipse: s-maj=5.1km s-min=5.1km az=150.6

IDC 05 07:28:47.0, 0.7, 12.19N:45.91E, h0km, mb4.0/19, mb1.4/19, mb1mx4.0/30, mbtmp4.0/19, MS4.2/1, MS1.4/2.1, ms1mx3.4/45, Error ellipse: s-maj=19.3km s-min=16.0km az=141

CSEM 05 07:28:46.9, 0.2, 12.16N:45.75E, h2km, ML4.5, Error ellipse: s-maj=10.1km s-min=7.3km az=152.0

NEIC 05 07:28:47.9, 0.5, 12.13N:45.75E, h10km, mb4.0/4, Error ellipse: s-maj=12.3km s-min=6.8km az=147.0

DHMR 05 07:28:48.9, 0.5, 12.39N:45.69E, h13km, 7km, ML4.5

ISC 05 07:28:48.6, 0.5, 12.19N:0.05:45.79E:0.06, h13km, n92, e134/93, mb4.0/22, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBOS, BDHA Al Bayda', TRBA At Turbah, etc.

KMBO Kilima Mbojo 15.71 213 ePn Pn 07 32 27.5 -2.6

KMBO Kilima Mbojo 15.71 213 Pn Pn 07 32 27.4 -2.8

KMBO Kilima Mbojo 15.71 213 Pn Pn 07 36 57.8

EIL Elat 20.10 332 Pn Pn 07 33 21.4 -0.7

ASF Jabab Asfar 21.50 339 LR LR 07 41 43.0

MMAI Mount Meron Arr 22.81 337 P P 07 33 53.0 +1.6

MMAI Mount Meron Arr 22.81 337 P P 07 33 53.0 +1.6

BRTR Keskin Array B 29.46 341 P P 07 34 54.6 +2.2

BRTR Keskin Array B 29.46 341 P P 07 34 54.6 +2.2

LSZ Lusaka 32.38 213 P P 07 35 19.7 +1.3

LSZ Lusaka 32.38 213 P P 07 35 19.7 +1.3

LSZ Lusaka 32.38 213 P P 07 35 19.7 +1.3

ABKAR Akbulak array 38.77 15 eP P 07 36 13.3 +0.5

ABKAR Akbulak array 38.77 15 eP P 07 36 13.3 +0.5

AAK Ala-Archa 39.24 34 eP P 07 36 17.9 +0.8

AAK Ala-Archa 39.24 34 eP P 07 36 17.9 +0.8

AAK Ala-Archa 39.24 34 P P 07 36 17.9 +0.8

AKTO Aktyubinsk 39.43 12 P P 07 36 01.1 -1.7

TORD Torodi Arr. Beaa 42.99 276 P P 07 36 48.9 +0.8

TORD Torodi Arr. Beaa 42.99 276 P P 07 36 48.9 +0.8

TORD Torodi Arr. Beaa 42.99 276 P P 07 36 48.9 +0.8

BOSA Boshof 45.17 206 P P 07 37 06.0 +0.5

BOSA Boshof 45.17 206 P P 07 37 06.0 +0.5

BOSA Boshof 45.17 206 P P 07 37 06.0 +0.5

GERES Geres Array B 45.19 330 P P 07 37 06.1 +0.7

GERES Geres Array B 45.19 330 P P 07 37 06.1 +0.7

GERES Geres Array B 45.19 330 P P 07 37 06.1 +0.7

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

DHMR 05 07:33:55.4, 0.6, 12.43N:45.67E, h4km, 6km, ML3.8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBOS, BDHA Al Bayda', TRBA At Turbah, etc.

DHMR 05 07:38:41.5, 1.8, 11.87N:46.19E, h12km, 25km, ML4.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDHA Al Bayda', TRBA At Turbah, etc.

DHBB Dhamar BB 2.47 329 iS Sb 07 46 40.9 +0.1

DHBB Dhamar BB 2.47 329 iS Sb 07 46 40.9 +0.1

CSEM 05 07:45:24.4, 12.44N:45.71E, h5km, ML3.6, After DHMR

DHMR 05 07:45:24.4, 1.0, 12.44N:45.71E, h6km, 58km, ML3.6, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBOS, BDHA Al Bayda', TRBA At Turbah, etc.

DHMR 05 07:51:14.2, 0.8, 12.41N:45.71E, h10km, 63km, ML3.5, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBOS, BDHA Al Bayda', TRBA At Turbah, etc.

ISN 05 07:57:27.5, 2.1, 11.55N:48.72E, h58km, 29km

ISCJB 05 07:57:29.9, 0.9, 12.14N:0.03:45.93E:0.03, h1km, 6km, mb4.8/109, MS4.4/53, Error ellipse: s-maj=4.8km s-min=4.1km az=18.4

BUJ 05 07:57:27.1, 11.93N:45.79E, h10km, mb5.4/32, mb5.0/42, MS5.1/29, MS7.4/28

IDC 05 07:57:29.2, 0.5, 12.17N:46.05E, h0km, mb4.6/33, mb1.4/734, mb1mx4.7/37, mbtmp4.6/34, ML4.0/1, MS4.8/30, MS1.4/30, ms1mx4.7/39, Error ellipse: s-maj=13.0km s-min=11.7km az=47.0

MOS 05 07:57:29.2, 1.3, 12.12N:46.02E, h10km, mb5.1/46, MS5.0/13, Error ellipse: s-maj=8.8km s-min=4.8km az=88.1

NEIC 05 07:57:30.7, 0.3, 12.08N:45.92E, h10km, mb4.7/22, ML4.5(A/R), Error ellipse: s-maj=7.0km s-min=6.1km az=147.0

DHMR 05 07:57:30.9, 0.7, 12.41N:45.70E, h3km, 4km, ML4.7

GCMT 05 07:57:30.2, 0.1, 12.11N:46.05E, h12km, MW5.4, Moment Tensor Solution, s81, c126, s99, c225, Moment tensor: Scale 10^17Nm; Mw=1.47; 02; Mw=1.47; 02; Mw=0.06; 02; Mw=0.69; 06; Mw=0.52; 02; Mw=0.16; 07; Best double couple: M1: 7.0000e-017; NP1: 9.960000e-007; s57.000000; lambda=105.000000; NP2: 3.3020000e-007; s63.000000; lambda=68.000000; Principal axes: T: 1.7000, P: 1.1000, N: 0.0000; Azm1: 179.0000; N: -0.0300, Plg1: 0.0000; Azm1: 104.0000; P: -1.6700, Plg1: 0.0000; Azm2: 326.0000; Data Used: IIU IC G CN, Surface waves from 116 sta.

TEH 05 07:57:31.0, 12.07N:46.00E, h10km, ML4.7

DJA 05 07:57:31.5, 0.3, 12.15N:46.16E, h10km, M5.1/10, MB5.8/4, mb4.9/10, Mw=3.5/4

CSEM 05 07:57:31.1, 0.2, 12.12N:45.91E, h0km, mb4.9/29, MS5.0, Scale 10^17Nm; Mw=1.47; 02; Mw=1.47; 02; Mw=0.06; 02; Mw=0.69; 06; Mw=0.52; 02; Mw=0.16; 07; Best double couple: M1: 7.0000e-017; NP1: 9.960000e-007; s57.000000; lambda=105.000000; NP2: 3.3020000e-007; s63.000000; lambda=68.000000; Principal axes: T: 1.7000, P: 1.1000, N: 0.0000; Azm1: 179.0000; N: -0.0300, Plg1: 0.0000; Azm1: 104.0000; P: -1.6700, Plg1: 0.0000; Azm2: 326.0000; Data Used: IIU IC G CN, Surface waves from 116 sta.

OMAN 05 07:57:38.4, 84.0, 13.22N:45.73E, h10km, 16km, Error ellipse: s-maj=10.7km s-min=9.2km az=267.0

ISC 05 07:57:31.6, 0.4, 12.15N:0.04:45.95E:0.04, h13km, 1km, h13km; pp-P, n442, e1948/485, mb4.9/109, MS4.8/54, 10C-20, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LBOS, BDHA Al Bayda', TRBA At Turbah, etc.

OBO Obock 2.60 267 eP Pn 07 58 09.8 -3.6

OBO Obock 2.60 267 eP Pn 07 58 09.8 -3.6

UDYN Al' Udayn 2.64 313 iS Sb 07 58 11.3 -2.8

UDYN Al' Udayn 2.64 313 iS Sb 07 58 11.3 -2.8

DAMY Dhamar 2.84 328 P Pn 07 58 18.1 +1.1

DAMY Dhamar 2.84 328 P Pn 07 58 18.1 +1.1

DHBB Dhamar BB 2.84 328 iS Sb 07 58 49.3 -1.9



Table with columns: BRVK, Borovoye, 45.20, 21, eP, P, 08 05 48.8 +0.6, etc. Lists various stations and their frequencies.

Table with columns: ZALV, KAF, KANGASNIEMI, 51.86, 348, eP, P, 08 06 42.8 +3.5, etc. Lists various stations and their frequencies.

Table with columns: BJI, S, S, 08 17 19.9 +0.1, etc. Lists various stations and their frequencies.



5d 8h

Table of satellite data for stations 5d 8h, including call signs (e.g., BURO8, AKTO), frequencies, and various status indicators.

2009 NOV

Main table of satellite data for 2009 NOV, listing satellite names (e.g., ARU, KAF), frequencies, and various status indicators.

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Table of satellite data for stations 182, including call signs (e.g., KAF, KAF), frequencies, and various status indicators.



Table listing station codes, names, coordinates, and other technical data for stations in the first column.

Table listing station codes, names, coordinates, and other technical data for stations in the second column.

Table listing station codes, names, coordinates, and other technical data for stations in the third column.

MAN 05 08:09:02, 14.08N, 120.63E, h39km, mb4.3, ML3.1, MS2.9, 1C, Luzon

DHMR 05 08:09:18.8, 0.6, 12.242N, 45.69E, h26km, 21km, ML3.9, Western Gulf of Aden

IDC 05 08:09:34.0, 1.2, 11.93N, 45.90E, h0km, mb3.8/8, mb1.3, 9.9, mb1mx3.8/27, mbmp3.8/9, ML3.8/1, Error ellipse: s-maj=30.8km s-min=28.1km az=37.0, Western Gulf of Aden

WEL 05 08:29:40.1, 0.6, 4.38, 175.87E, h174km, 4km, ML3.6/16, Error ellipse: s-maj=3.6km s-min=3.5km az=0.0, North

Table listing station codes, names, coordinates, and other technical data for stations in the fourth column.

ISCJB 05 08:42:30.8, 1.9, 28.48S, 0.04, 72.28W, 0.04, h9km, 12km, mb4.3/14, Error ellipse: s-maj=7.5km s-min=5.1km az=135.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like Copiapo, Tololo Astrono, Combarbala, Coronel Fontan, Cerro Calan, Las Melosas, Limon Verde, Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 08:45:12.8, WRA Warramunga Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 08:45:12.8, KTH Kanishtha Hill, TRF Thorofare Moun, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like PMR Palmer, SML Sawmill, CCB Clear Creek Bu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 09:04:22.5, DLBC Dease Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 09:11:05.8, LBOB Lobsenz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 09:11:06.7, JIE Ise, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 09:15:43.8, AFJ Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like DHMR 05 09:31:07.2, AFJ Afiamalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC. Includes stations like coast of Guerrero, PNIG Pinotepa, TLIG Tiapa, etc.

NIED 05 09:32:00.23:90N,120:60E,h32km,Mw5.6 Best double couple: M2.81000x1017 NP1.9x59.00000:886.00000...

NEIC 05 09:32:53.5,23:84N,120:70E,h10km,Mb5.6/102,ML5.6/4,M5.8/70,M5.7/666...

MOS 05 09:32:57.1,0.9,23:75N,120:90E,h33km,Mb5.9/84,M5.5/456 Error ellipse: s-maj=6.7km s-min=3.7km

JMA 05 09:32:57.5,0.4,23:87N,120:61E,h96km,M5.8 ISC 05 09:32:58.3,0.1,23:77N,0:10,120:74E:0:01,h39km,1km...

GCMT 05 09:32:59.6,0.2,23:81N,120:63E,h27km,Mw5.6 Moment Tensor Solution: s82,c133, s25,c27...

WNT Mingjian 01 3121 Op ISC h m s ISC 09 33 02.6 +0.3 TYC Yucheng 0.13 36 Op Pn 09 33 03.4 -0.7

WTF1 Yul 0.66 133 Op Pn 09 33 11.4 0.0 WTP Ta-pu 0.57 195 Op Pn 09 33 08.9 -0.2

WTF2 Shoufeng Towns 0.67 84 Op Pn 09 33 22.4 +0.8 WTP Ta-pu 0.57 195 Op Pn 09 33 08.9 -0.2

Table with columns: Call Sign, Name, Azimuth, Elevation, Polarization, Frequency, Power, and other technical details.

Table with columns: Call Sign, Name, Azimuth, Elevation, Polarization, Frequency, Power, and other technical details.

Table with columns: Call Sign, Name, Azimuth, Elevation, Polarization, Frequency, Power, and other technical details.

5d 9h

Table with columns for station ID, frequency, power, and signal quality. Includes stations like CM31, CMAR, CMARF, etc.

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Table with columns for station ID, frequency, power, and signal quality. Includes stations like LSA, LSA, LSA, etc.

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Table with columns for station ID, frequency, power, and signal quality. Includes stations like TGJI, MTNI, GMJI, etc.



5d 9h

Table with columns: Station, Frequency, Power, SNR, and other technical details for stations like KLMR, AKH, KBZ, KIV, etc.

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Table with columns: Station, Frequency, Power, SNR, and other technical details for stations like ILAR, ARCES, ARES, etc.

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Table with columns: Station, Frequency, Power, SNR, and other technical details for stations like SUW, AFI, TESR, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like PSZ Piszkesteto, OKK Ostrava-Krasne, KKB Krupnik, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like SUMG Summit, GERES Geres, NKC Novy Kostel, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like WDD Wied Dalam, LPG La Plagne, LPL La Plagne, etc.

5d 9h

2009 NOV

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KEST, J05D, YBMT, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MVU, MAW, AGMN, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like 332A, 530A, 431A, etc.



Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TORQUIST, BRASILIA, LAS CAMPANAS, LA PAZ, CORONEL FONTAN, SAO PAULO, LIMON VERDE, SAN IGNACIO, VILLA FLORIDA.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WNT Mingjian, WNT Yuchr, TYC Yuchr, SMLT Sun Moon Lake, ALS Alishan.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WNT Mingjian, CHNS Tsauling, TYC Yuchr, SMLT Sun Moon Lake, ALS Alishan.

NEIC 05 09:38:07.7±0.6, 23.64N; 121.15E, h10km, mb4.7/1, ML4.7(TAP), Error ellipse: s-maj=11.5km s-min=7.6km az=113.0

NEIC Recorded [4 TAP] in Chang-hua and Yun-lin; [3 TAP] in Nan-tou; [2 TAP] in Chia-i, T'ai-chung and T'ai-nan; [1 TAP] in Hua-lien, Kao-shiung, Miao-li, P'eng-hu and T'ai-lung.

JMA 05 09:38:07.5±0.3, 24.00N; 120.66E, h115km, M4.1 TAP 05 09:38:07.3, 23.79N; 120.71E, h24km, ML4.6, B

ISCJAP 05 09:38:08.0±0.2, 23.80N; 01.120.70E, h1, h26km, 1km, mb4.2/7, Error ellipse: s-maj=2.5km s-min=1.6km az=33.9

IDC 05 09:38:08.2±1.8, 22.83N; 120.30E, h0km, mb4.2/6, mb1.4, 3/6, mb1mx3.9/25, mbtmp4.2/6, Error ellipse: s-maj=214.3km s-min=18.1km az=63.0

ISC 05 09:38:07.3±0.7, 23.80N; 121.120.70E, h1, h27km, 4km, h106, r1805/167, mb4.1/7, 31C-11D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WNT Mingjian, WNT Yuchr, TYC Yuchr, CHNS Tsauling, SMLT Sun Moon Lake, SMLT Alishan, WNT Yuchr, WNT Yuchr, TYC Yuchr, CHNS Tsauling, SMLT Sun Moon Lake, SMLT Alishan, WNT Yuchr, WNT Yuchr, TYC Yuchr, CHNS Tsauling, SMLT Sun Moon Lake, SMLT Alishan.

Main table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LIYUTAN, WTP Ta-pu, WTP Hsinying, TWK Taiwan, NSY Sanyi, WHF Hehuan Shan, CHN1 Nanshi, CHN1 Yiju, CHN8 Yiju, CHN8 Tachien, TW1 Tachien, TW1 Hungye, EHY Hehuan Shan, ELDTW Lidau, ELDTW Shilin, ESL Shilin, ESL Yulb, TW1 Yuli, TW1 Jiasian, SGST Jiasian, SGST Shoufeng Towns, ESF Shoufeng Towns, SCLT Jiali, SCLT Jiali, CHN3 Shinhua, CHN3 Jichi Village, TEGC Hualien, HWA Hualien, HWA Yung-k'ang, TAI Yung-k'ang, TAI Chiawan, TWD Chiawan, TWD Nanjuang, NSTT Nanjuang, NNS Nan Shan, NNS Ningshan, NACS Ningshan, NACS Chengkung, CHKT Chengkung, THMT Shoushan, HSN Hsinchu, HSN Pinlang, TWG Pinlang, TWG Pinlang, NSK Sanguang, YHNB Yeheng, YHNB Penghu, PNG Penghu, EHP Heping Village, EHP Jiouru, WDGJ Dunggji, WDGJ Taitung, TTN Taitung, TTN Nanao, ENA Nanao, ENA Nioudou, ENA Taimai, ECL Taimai, ECL National Centr, NCU National Centr, KAU Kaohsiung, TWE Neicheng, TWE Suao, TWC Suao, TWC Ilan, ILA Ilan, ILA Taipei, TATO Taipei, TATO Anshuo, EAST Anshuo, EAST Fangliu, SCZT Fangliu, SCZT Fangliu.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWA Mucha, TWA Taipei, TAP Taipei, TAP1 Taipei, TAW Taiwan, TAW Taiwan, TWS1 Hengchunshan, TWP Hsioliuchiu, EGS Hsioliuchiu, EGS Hsioliuchiu, NWF Wu-fen Shan, NWF Wu-fen Shan, TWB1 Santiao Chiao, TWB1 Santiao Chiao, TWY Chenhua, HEN Hengchun, TWK1 Hengchun, TSEB Hengchun, Pin, LAY Lan-yu, KNM Kinmen, PCYT Pengchay, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, QZH Quanzhou, QZH Quanzhou, QZH Quanzhou, QZH Quanzhou, IRIF Irionote-Funau, IRIF Irionote-Funau, HATJ Hateruma jima, JKRS Kuro-shima, JKRS Ishigaki jima, JIJ Ishigaki jima, JIJ Tarama, JIJ Miyako jima 2, JOGS Gusukube, JNU Nakatsue, CBJ Chichi jima, CUMO Guam, ERM ERM, ASAJ Asahikawa, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRAB Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FINES FINES Array B, FINES FINES Array B, AUST 05 09:43:17.5±0.6, 52.15S; 161.42E, h0km, Error ellipse: s-maj=10.9km s-min=7.2km az=151.0, IDC 05 09:43:19.3±0.4, 52.24S; 160.48E, h0km, mb5.0/21, mb1.5/0.22, mb1mx4.9/25, mbtmp5.0/22, ML4.4/1, MS5.5/24, mb1.5, 5/24, ms1mx5.5/27, Error ellipse: s-maj=17.1km s-min=12.6km az=79.0, ISCJAP 05 09:43:19.3±0.3, 52.31S; 160.61E, h10km, mb5.1/10km, mb5.1/39, MS5.5/29, Error ellipse: s-maj=5.8km s-min=5.2km az=6.5, DJA 05 09:43:20.3±0.7, 52.5±4.16°E±1.4, h10km, M5.4/3, mb5.8/3, mb5.4/3, Mw(mb5.4)/3, NEIC 05 09:43:20.7±0.2, 52.29S; 160.70E, h10km, mb5.5/11, MW6.0, MW6.0, MW6.0, Error ellipse: s-maj=7.7km s-min=6.5km az=104.0, Moment Tensor Solution. s18 Moment tensor: Scale 10^18Nm; Mrr:0.28; Mss:0.80; Mtt:1.08; Mre-0.33; Mro-0.34; Mto-0.11; Best double couple: Mo1:10000\*10^18; NP1:308.00000\*; 875.00000\*; 1.19.00000\*; NP2:213.00000\*; 871.00000\*; 1.64.00000\*. Principal axes: T: 1.0100, Plg23.0000\*; Azm170.0000\*; N: 0.1400, Plg65.0000\*; Azm343.0000\*; P: -1.1400, Plg2.0000\*; Azm79.0000\*. NEIC 05 09:43:21.0±0.0, 52.32S; 160.76E, h15km Best double couple: NP1:302.00000\*; 879.00000\*; 1.23.00000\*. NP2:207.00000\*; 866.00000\*; 1.68.00000\*. Principal axes: T: 1.3400, Plg24.0000\*; Azm166.0000\*; N: -0.9000, Plg63.0000\*; Azm324.0000\*; P: -1.2400, Plg8.0000\*, Azm72.0000\*. BJJ 05 09:43:21.4, 51.97S; 160.68E, h10km, mb5.8/5, mb5.6/14, Ms5.6/14, Ms7.5/3/14, MOS 05 09:43:22.6±1.4, 52.23S; 160.26E, h33km, mb5.6/6, Error ellipse: s-maj=22.0km s-min=8.9km az=99.0, GCMT 05 09:43:25.1±0.1, 52.23S; 160.31E, h24km, MW6.0, Moment Tensor Solution. s116.c254; s97.c139; Moment tensor: Scale 10^18Nm; Mrr:0.1; Mss:0.95±0.1; Mtt:1.04±0.1; Mre-0.28±0.2; Mro:0.62±0.1; Mto:0.1±0.1; Best double couple: Mo1:20000\*10^18; NP1:308.00000\*; 875.00000\*; 1.17.00000\*. Principal axes: T: 1.1600, Plg13.0000\*. Azm166.0000\*; N: 0.0700, Plg75.0000\*; Azm312.0000\*; P: -1.2400, Plg8.0000\*; Azm72.0000\*. Data Used: III IUGC CN. Surface waves: sta=121, comp=256, per=50. NEIC 05 09:43:23.0±0.0, 52.18S; 159.91E, h17km, Moment Tensor Solution. s142 Moment tensor: Scale 10^18Nm; Mrr:0.21; Mss:0.88; Mtt:1.09; Mre-0.08; Mro:0.50; Mto:0.45; Best double couple: Mo1:20000\*10^18; NP1:301.00000\*; 869.00000\*; 1.0.00000\*. NP2:31.00000\*; 889.00000\*; 1.158.00000\*. Principal axes: T: 1.0400, Plg13.0000\*, Azm163.0000\*; N: 0.2800, Plg69.0000\*; Azm33.0000\*; P: -1.3200, Plg15.0000\*; Azm257.0000\*. ISC 05 09:43:21.5±0.8, 52.36S; 160.69E, h15km, 4km, m35, r1825/323, mb5.2/39, MS5.5/31, 21C-24D, Macarrie Island region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MCQ Macquarie Isla, MCQ Macquarie Isla, MCQ Macquarie Isla, ODZ Otahua Downs, RPZ Rata Peaks, RPZ Rata Peaks.

Table with columns: RPZ, comp, LR, LR, 09 49 43.8, etc. Includes entries for Tasmania Unive, Tasmania Unive, Tasmania Unive, etc.

Table with columns: PMG, Port Moresby, 44.23 341, P, P, 09 51 30.0 0.0, etc. Includes entries for Port Moresby, Port Moresby, Port Moresby, etc.

Table with columns: KMI, comp, LR, LR, 09 56 37.1 +0.1, etc. Includes entries for Lobatse, Lobatse, Lobatse, etc.



5d 9h

Table with 5 columns: Station Name, Frequency, Power, Band, and Other parameters. Includes stations like GUN Gumba, HVS Khovu-Aksy, PKI Pulchoki, etc.

2009 NOV

Table with 5 columns: Station Name, Frequency, Power, Band, and Other parameters. Includes stations like SVE Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with 5 columns: Station Name, Frequency, Power, Band, and Other parameters. Includes stations like CLL Conrad Observa, CSNA Conrad Observa, KHC Kasperske Hory, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Brajici-Budva, Kozani, Podgorica, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Puysegur Point, Puysegur Point, Deep Cove, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kerkira, Peshkopia, Nestorio, etc.

CSEM 05 10:03:13.4, 12.43N, 45.72E, h5km, ML3.9, After DHMR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Al Bayda, At Turbah, Udayn, etc.

ISCJB 05 10:34:56.0, 7.12, 12.12N, 0.06, 45.91E, 0.07, h13km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Al Bayda, At Turbah, Udayn, etc.

ISCJB 05 10:34:56.0, 7.12, 12.12N, 0.06, 45.91E, 0.07, h13km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Herceg Novi, Niksic, etc.

CSEM 05 10:10:53.5, 12.42N, 45.76E, h2km, ML3.7, After DHMR

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Al Bayda, At Turbah, Udayn, etc.

ISCJB 05 10:18:06.4, 1.2, 7.93S, 116.99E, h0km, mb3.4/5

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

BEO 05 10:42:05.5, 0.8, 40.36N, 19.19E, h0km, ML3.2/7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Torodi Arr, Kurber, etc.

ISCJB 05 10:18:09.5, 1.0, 7.84S, 0.08, 117.1E, 0.1, h33km, mb3.6/4

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

ATH 05 10:42:12.6, 4.0, 79N, 19.75E, h12km, MD3.5/11

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

ISCJB 05 10:42:12.1, 1.1, 40.76N, 0.02, 19.56E, 0.02, h10km, gkm

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES, BVAR, CMAR, HFS, WRA, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNS, TAI1, TAI2, NSTT, TWG, TWG2, TWG3, TWG4, TWG5, TWG6, TWG7, TWG8, TWG9, TWG10, TWG11, TWG12, TWG13, TWG14, TWG15, TWG16, TWG17, TWG18, TWG19, TWG20, TWG21, TWG22, TWG23, TWG24, TWG25, TWG26, TWG27, TWG28, TWG29, TWG30, TWG31, TWG32, TWG33, TWG34, TWG35, TWG36, TWG37, TWG38, TWG39, TWG40, TWG41, TWG42, TWG43, TWG44, TWG45, TWG46, TWG47, TWG48, TWG49, TWG50, TWG51, TWG52, TWG53, TWG54, TWG55, TWG56, TWG57, TWG58, TWG59, TWG60, TWG61, TWG62, TWG63, TWG64, TWG65, TWG66, TWG67, TWG68, TWG69, TWG70, TWG71, TWG72, TWG73, TWG74, TWG75, TWG76, TWG77, TWG78, TWG79, TWG80, TWG81, TWG82, TWG83, TWG84, TWG85, TWG86, TWG87, TWG88, TWG89, TWG90, TWG91, TWG92, TWG93, TWG94, TWG95, TWG96, TWG97, TWG98, TWG99, TWG100.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSE, SSE2, SSE3, SSE4, SSE5, SSE6, SSE7, SSE8, SSE9, SSE10, SSE11, SSE12, SSE13, SSE14, SSE15, SSE16, SSE17, SSE18, SSE19, SSE20, SSE21, SSE22, SSE23, SSE24, SSE25, SSE26, SSE27, SSE28, SSE29, SSE30, SSE31, SSE32, SSE33, SSE34, SSE35, SSE36, SSE37, SSE38, SSE39, SSE40, SSE41, SSE42, SSE43, SSE44, SSE45, SSE46, SSE47, SSE48, SSE49, SSE50, SSE51, SSE52, SSE53, SSE54, SSE55, SSE56, SSE57, SSE58, SSE59, SSE60, SSE61, SSE62, SSE63, SSE64, SSE65, SSE66, SSE67, SSE68, SSE69, SSE70, SSE71, SSE72, SSE73, SSE74, SSE75, SSE76, SSE77, SSE78, SSE79, SSE80, SSE81, SSE82, SSE83, SSE84, SSE85, SSE86, SSE87, SSE88, SSE89, SSE90, SSE91, SSE92, SSE93, SSE94, SSE95, SSE96, SSE97, SSE98, SSE99, SSE100.

NIED 05 11:34:00.23:80N:120:70E, h23km, Mw5.1 Best double couple: M0.280000:1016 NP1.3020000: .delta2.000000, lambda101.000000, N P2.0:189.000000: .delta3.000000: lambda70.000000.

NEIC 05 11:34:18.9:0.1, 23:66N:120:84E, h10km, mb5.5/49, MS4.8/93, ML5.7(TAP), Error ellipse: s-maj=3.8km s-min=3.3km az=118.0

NEIC Felt [III] at Tai-chung and Taipei; [II] at Tai-nan. Also felt at Chang-hua, Ho-mei, Kang-shan, Kao-hsiung, Miao-li, Ping-tung, Pu-li and Yung-ho. Felt at Xiamen, Fujian. Recorded [6 TAP] in Nan-tou; [4 TAP] in Chang-hua, Tai-chung; [1 Tai-nan and Yung-ho]; [2 TAP] in Chia-i, Hua-lien, I-lan, Kao-hsiung, Miao-li and P'eng-hu; [2 TAP] in Hsin-chu, Ping-tung, Tai-tung and Tao-yuan; [1 TAP] in Tai-pei.

BUI 05 11:34:18.1, 23:82N:120:75E, h17km, mb5.1/41, mb4.9/55, MS5.7/8, Ms5.2/64, Ms7.5/60

IDC 05 11:34:20.8:0.3, 23:62N:120:92E, h24km, mb4.4/41, mb1.4/544, mb1mx4.5/47, mbtmp4.6/44, ML4.5/3, MS4.6/24, Ms1.4/624, ms1mx4.5/38, Error ellipse: s-maj=11.5km s-min=7.3km az=66.0

MOS 05 11:34:20.6:0.9, 23:65N:120:84E, h33km, mb5.5/46, MS4.6/17, Error ellipse: s-maj=8.8km s-min=4.6km az=119.3

ISCJB 05 11:34:22.0:0.1, 23:75N:120:76E:0:01, h38km, 1km, mb5.2/156, MS4.8/125, Error ellipse: s-maj=2.4km s-min=1.7km az=31.6

TAP 05 11:34:21.3, 23:77N:120:76E, h24km, ML5.7, B JMA 05 11:34:21.4:0.3, 23:81N:120:68E, h95km, M5.3

GCMT 05 11:34:23.5:0.3, 23:84N:120:61E, h27km, MW5.2, Moment Tensor Solution. s34, c40; s4, c4; Moment tensor: Scale 10^19Nm; Mrr6.33e36; Mtt1.17e20; Mtt0.75e24; Mtt-4.20e43; Mtt-1.19e17; Mtt0.44e36; Best double couple: M0.280000:1016 NP1.3020000: .delta2.000000, lambda101.000000, N P2.0:189.000000: .delta3.000000: lambda70.000000, Principal axes: T 8.74000, P160.00000; Azm187.00000; N -1.07000, P160.00000; Azm8.00000; P -7.67000, P160.00000; Azm278.00000; Data Used: II U G I.C. Surface waves: sta= 78, comp=111, per=50.

DJA 05 11:34:26.3:0.5, 24:12N:12:12E, h102km, 10km, Ms5.3/2, mB5.9/18, mb5.5/32, Mw(mB)5.5/18

ISC 05 11:34:21.4:0.2, 23:75N:120:81E:0:02, h24km, 1km, h24km: p-P, n759, c1944/788, mb5.3/152, MS4.7/125, 71C-60D, Taiwan

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSSL, SSSL2, SMLT, SMLT2, SMLT3, SMLT4, SMLT5, SMLT6, SMLT7, SMLT8, SMLT9, SMLT10, SMLT11, SMLT12, SMLT13, SMLT14, SMLT15, SMLT16, SMLT17, SMLT18, SMLT19, SMLT20, SMLT21, SMLT22, SMLT23, SMLT24, SMLT25, SMLT26, SMLT27, SMLT28, SMLT29, SMLT30, SMLT31, SMLT32, SMLT33, SMLT34, SMLT35, SMLT36, SMLT37, SMLT38, SMLT39, SMLT40, SMLT41, SMLT42, SMLT43, SMLT44, SMLT45, SMLT46, SMLT47, SMLT48, SMLT49, SMLT50, SMLT51, SMLT52, SMLT53, SMLT54, SMLT55, SMLT56, SMLT57, SMLT58, SMLT59, SMLT60, SMLT61, SMLT62, SMLT63, SMLT64, SMLT65, SMLT66, SMLT67, SMLT68, SMLT69, SMLT70, SMLT71, SMLT72, SMLT73, SMLT74, SMLT75, SMLT76, SMLT77, SMLT78, SMLT79, SMLT80, SMLT81, SMLT82, SMLT83, SMLT84, SMLT85, SMLT86, SMLT87, SMLT88, SMLT89, SMLT90, SMLT91, SMLT92, SMLT93, SMLT94, SMLT95, SMLT96, SMLT97, SMLT98, SMLT99, SMLT100.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAI1, TAI2, NSTT, TWG, TWG2, TWG3, TWG4, TWG5, TWG6, TWG7, TWG8, TWG9, TWG10, TWG11, TWG12, TWG13, TWG14, TWG15, TWG16, TWG17, TWG18, TWG19, TWG20, TWG21, TWG22, TWG23, TWG24, TWG25, TWG26, TWG27, TWG28, TWG29, TWG30, TWG31, TWG32, TWG33, TWG34, TWG35, TWG36, TWG37, TWG38, TWG39, TWG40, TWG41, TWG42, TWG43, TWG44, TWG45, TWG46, TWG47, TWG48, TWG49, TWG50, TWG51, TWG52, TWG53, TWG54, TWG55, TWG56, TWG57, TWG58, TWG59, TWG60, TWG61, TWG62, TWG63, TWG64, TWG65, TWG66, TWG67, TWG68, TWG69, TWG70, TWG71, TWG72, TWG73, TWG74, TWG75, TWG76, TWG77, TWG78, TWG79, TWG80, TWG81, TWG82, TWG83, TWG84, TWG85, TWG86, TWG87, TWG88, TWG89, TWG90, TWG91, TWG92, TWG93, TWG94, TWG95, TWG96, TWG97, TWG98, TWG99, TWG100.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SSE, SSE2, SSE3, SSE4, SSE5, SSE6, SSE7, SSE8, SSE9, SSE10, SSE11, SSE12, SSE13, SSE14, SSE15, SSE16, SSE17, SSE18, SSE19, SSE20, SSE21, SSE22, SSE23, SSE24, SSE25, SSE26, SSE27, SSE28, SSE29, SSE30, SSE31, SSE32, SSE33, SSE34, SSE35, SSE36, SSE37, SSE38, SSE39, SSE40, SSE41, SSE42, SSE43, SSE44, SSE45, SSE46, SSE47, SSE48, SSE49, SSE50, SSE51, SSE52, SSE53, SSE54, SSE55, SSE56, SSE57, SSE58, SSE59, SSE60, SSE61, SSE62, SSE63, SSE64, SSE65, SSE66, SSE67, SSE68, SSE69, SSE70, SSE71, SSE72, SSE73, SSE74, SSE75, SSE76, SSE77, SSE78, SSE79, SSE80, SSE81, SSE82, SSE83, SSE84, SSE85, SSE86, SSE87, SSE88, SSE89, SSE90, SSE91, SSE92, SSE93, SSE94, SSE95, SSE96, SSE97, SSE98, SSE99, SSE100.

5d 11h

2009 NOV

Table with columns for station codes (CD2, MDJ, etc.), frequencies, and signal strength indicators (sS, S, pmax, etc.).

Table with columns for station codes (MDJ, USRK, SBUM, etc.), frequencies, and signal strength indicators (LR, eP, P, etc.).

Table with columns for station codes (YUK, YSS, PSI, etc.), frequencies, and signal strength indicators (MLR, eP, P, etc.).









5d 13h

NEIC 05 12:39:54.7, 4.0, 32.845:22:15E, h5km, ML4.3(PRE), After PFE

PRE 05 12:39:54.7, 4.0, 32.845:22:15E, h5km, ML4.3, 6C-4D, South Africa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sutherland, Calvinia, Ceres, Buffelsbos, etc.

CSEM 05 12:40:19.0, 63.18N:29:45E, h0km, ML 1.2, Mining explosion. After HEL

HEL 05 12:40:19.0, 63.18N:29:45E, h0km, ML1.2, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kajaani, Sumiainen, Kangasniemi, etc.

2009 NOV

Table with columns: KEF, FIAO, FINESS Array S, Maaselka, Maseka, Virojoki. Includes station names and coordinates.

MAN 05 12:46:33, 16.54N:122:30E, h22km, mb4.4, ML3.3, MS3.1, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAUP, BALP, PALAYAN, CONNER, etc.

IDC 05 13:03:34.6, 2.3, 3.74N:127:65E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/2.5, mb2mx3.2/3, Error ellipse: s-maj=181.3km s-min=25.5km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKRACHANI ARR, etc.

KRSC 05 13:03:50.3, 4.3, 5.2:46N:153:77E, h563km, 5.3km, ML4.9

MOS 05 13:03:51.7, 0.9, 5.2:94N:153:03E, h510km, mb4.1/35, Error ellipse: s-maj=10.5km s-min=6.9km az=87.7

ISCJ 05 13:03:52.0, 0.2, 5.2:89N:10:04:153:07E:0:08, h12km, 4km, mb3.9/46, Error ellipse: s-maj=8.8km s-min=4.8km az=40.9

IDC 05 13:03:52.8, 0.6, 5.2:93N:152:98E, h504km, 8km, mb3.4/27, mb1 3.5/32, mb1mx3.5/39, mb2mx3.4/32, Error ellipse: s-maj=10.2km s-min=7.1km az=138.0

ISC 05 13:03:52.4, 0.5, 5.2:81N:0:06:153:13E:0:06, h507km, 7km, n121, e118/139, mb4.0/46, 4C-5D, Northwest of Kuril Islands

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIPR, PETK, SKR, ASAK, GNL, etc.

Large table with columns: YAK, KEF, FIAO, FINESS Array S, Maaselka, Maseka, Virojoki, etc. Includes station names and coordinates.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like NOB2, NOA, HFS, SCHG, EKA, OKK, etc.

ISC/JB 05 13:04:20.0, 0.3, 23.94N, 0.1, 121.67E, 0.02, h1km, 2km, mb3.6/2, MS2.2/1, Error ellipse: s-maj=2.8km s-min=1.7km az=35.4

IDC 05 13:04:20.3, 7.9, 23.62N, 121.41E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/26, mbtmp3.5/3, ML3.8/1, MS2.7/1, Ms1 2.9/1, ms1mx2.4/26, Error ellipse: s-maj=345.5km s-min=43.5km az=37.0

TAP 05 13:04:20.3, 23.96N, 121.60E, h7km, ML3.9, B JMA 05 13:04:21.0, 4.2, 24.08N, 121.53E, h7km, M3.0, ISC 05 13:04:20.1, 0.3, 23.96N, 0.02, 121.62E, 0.02, h1km, 5km, n80, e0574/123, 16C-5D, Taiwan

Main station list for 203, including HWA, TWD, ESF, ESL, TEGC, EHP, WHF, ENA, TWT, EHY, NNS, SMLT, TWF1, ENT, TWC, TYC, NSK, YUS, ILA, WNT, H111, TQW1, ALS, NSTT, TCU, CHKT, NSY, EGS, CHNS, ELDTW, WGK, TWA, HSN.

Main station list for 2009 NOV, including TAP1, TAP2, NCU, TWB1, NWF, CHN4, CHN2, CHN2, TWS1, TWS1, WTP, WTP, CHY, CHY, WTCT, TWG, TWK, TWK, CHN1, CHN1, SGST, SGST, TWY, WSF, WSF, YOJ, YOJ, CHN8, CHN8, CHN3, CHN3, ECL, SCLT, SCLT, TW1, SGLT, PCYT, EAST, EAST, SCZT, SCZT, LAY, WDG, PNG, PNG, IRIF, IRIF, HATJ, TWK1, JKRS, JKRS, JIJ, JIJ, JTJ, KNM, KRSR, CMAR, H11N1, H11N2, H11N3, H11S1, H11S2, WRA, ASAR.

IDC 05 13:18:14.9, 4.4, 37.12N, 173.36E, h0km, mb3.4/1, mb1 3.4/4, mb1mx3.2/29, mbtmp3.4/4, ML3.2/3, C, Error ellipse: s-maj=112.8km s-min=29.3km az=129.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like AAK, AAK, KK31, MKAR, ZALV, TORD.

IDC 05 13:25:06.6, 2.8, 15.26S, 173.21W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.8/19, mbtmp3.7/4, MS3.6/3, Ms1 3.6/3, ms1mx3.1/31, Error ellipse: s-maj=154.3km s-min=20.7km az=147.0

ISC 05 13:25:11.2, 7.1, 15.1S, 173.1W, 0.6, h2km, n15, e1564/7, mb3.6/4, MS3.3/3, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC. Includes stations like AFI, AFI, URZ, HNR, H11S2, H11S3, H11S1, H11N3, H11N1, H11N2, WRA, ASAR, NVAR, ILAR, NNA, BRTR.

NEIC 05 13:43:50.0, 0.8, 15.50S, 170.65W, h174km, 8km, mb4.4/6, Error ellipse: s-maj=12.0km s-min=9.0km az=51.0

ISC/JB 05 13:43:51.0, 0.1, 15.89S, 0.02, 170.62W, 0.05, h200km, mb4.2/12, Error ellipse: s-maj=6.6km s-min=2.7km az=159.0

GUC 05 13:43:51.8, 0.5, 16.45S, 171.08W, h247km, 12km, ML5.0, MW5.1

IDC 05 13:43:53.3, 1.2, 15.54S, 170.43W, h196km, 11km, mb4.0/9, mb1 4.1/11, mb1mx3.9/20, mbtmp4.5/11, Error ellipse: s-maj=18.8km s-min=14.8km az=39.0

ISC 05 13:43:52.0, 0.5, 15.90S, 0.05, 170.56W, 0.07, h200km, n255, e1907/248, mb4.3/12, 105C-91D, Southern Peru

Main station list for 5d 13h, including LPAZ, ARCH, ARCH, ARCH, MIMC, MIMC, PSGC, PSGC, PB01, PB07, PB09, PB09, PB04, LVC, LVC, NNA, NNA, NNA, CEN1, CEN1, PB10, ANCH, ANCH, SIV, SIV, SIV, SAML, SAML, SAML, CFAA, CFAA, OTAV, H03N1, H03N2, H03N3, BDFB, BDFB, PLCA, PLCA, MTP, TEIG, TEIG, LRAL, 431A, 431A, 530A, 431A, 332A, 529A, 430A, 232A, 627A, 429A, 528A, 330A, 626A, 527A, 526A, 328A, Z31A, Y32A, TUL1, TUL1, 425A, Y31A, 325A, X31A.

Table listing meteor showers with columns for M22A, G30A, I27A, H28A, G29A, N20A, O19A, I26A, G28A, J24A, H27A, I25A, K22A, BFSC, I24A, G27A, K21A, H25A, G26A, J22A, D30A, H24A, E28A, I22A, J21A, F26A, C30A, G24A, I21A, J20A, F25A, E26A, PDAR, PDAR, G23A, M22D, J19A, B30A, F24A, DBIC, DBIC, E25A, G22A, B29A, A30A, E24A, D25A, F22A, A29A, ULM, ULM, E23A, G20A, D24A, I17A, H18A, D23A, A27A, B25A, H17A, A26A, D22A, C23A, F19A, D21A, A25A, C22A, E19A, B23A, A20A, D20A, B22A, C21A, H23A, A17A, D19A, C20A, B21A, A19A, A21A, A20A, B19A, EGMT

Table listing meteor showers with columns for M22A, G30A, I27A, H28A, G29A, N20A, O19A, I26A, G28A, J24A, H27A, I25A, K22A, BFSC, I24A, G27A, K21A, H25A, G26A, J22A, D30A, H24A, E28A, I22A, J21A, F26A, C30A, G24A, I21A, J20A, F25A, E26A, PDAR, PDAR, G23A, M22D, J19A, B30A, F24A, DBIC, DBIC, E25A, G22A, B29A, A30A, E24A, D25A, F22A, A29A, ULM, ULM, E23A, G20A, D24A, I17A, H18A, D23A, A27A, B25A, H17A, A26A, D22A, C23A, F19A, D21A, A25A, C22A, E19A, B23A, A20A, D20A, B22A, C21A, H23A, A17A, D19A, C20A, B21A, A19A, A21A, A20A, B19A, EGMT

Table listing meteor showers with columns for I05D, TOAO, TORO, TORO, TORO, ESCD, ESCD, YKA, YKA, ILAR, H11S2, H11S1, H11S3, ABKAR, ASAR, Alice Springs, WRA, WRA, ZAAO, ZALV, MKAR, USKR, MJAR, MJAR, SONM, SONM, KSR5, CMAR, CMAR, IDC 05, ISCJJB, NEIC 05, AUST 05, GCMT 05, MTSU, KDU, MTN, WRAB, WRA, WRA, WRA, WRA, KNRA, RMQ, AS31, ASAR, ASAR, ASAR, DZM, DZM, FITZ, FITZ, FITZ, FITZ, H11S3, H11S2, H11S1, H11N1, H11N2, STKA, STKA, STKA, YHNB, JUNU, JUNU, URZ, KSR5, KSR5, KSR5, NJ2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, USRK, CMAR, PETK, GTA, PPT2, SONM, TBI, VYND, MKAR, ZAAO, ZALV, ABKAR, AKTO, TORD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, ASAR, WRA, FITZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROCH, CHNG, PEL, JACH, RCDM, SAN, CLCH, PCH, CHCH, CACH, CMCH, LMEL.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DMPH, GSPH, KAPI, FITZ, WRA, ASAR, STKA, MKAR, ZALV.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, DZM, HNR, PPT2, TBI, PMG, STKA, WRA, ASAR, KSR, ILAR, VNA1.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA, DHBH, HAJJ, DESE, KMBO, NSR, MBAR, IBDR, BHD, RTB, ASF, IKRK, GNI, BRTR, KBRZ, LSZ, AAK, TORD, BVAR, BOSA, MKAR, MKUR, FINES, CMAR, ZALV, NOA, SONM, MAW, ASAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA, DHBH, HAJJ, DESE, KMBO, NSR, MBAR, IBDR, BHD, RTB, ASF, IKRK, GNI, BRTR, KBRZ, LSZ, AAK, TORD, BVAR, BOSA, MKAR, MKUR, FINES, CMAR, ZALV, NOA, SONM, MAW, ASAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDHA, TRBA, DHBH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAPV, VIGV, SOCV, EORZ, VILR, QARV, SANV, CURV, DABV, TEPV, SIOV, BAUV, IMOV, MERV, CUPV, PCRV, TEIG, ULM, PDAR, NVAR, YKA, ILAR, ASAR, WRA, WRA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA, DHBH, HAJJ, DESE, KMBO, NSR, MBAR, IBDR, BHD, RTB, ASF, IKRK, GNI, BRTR, KBRZ, LSZ, AAK, TORD, BVAR, BOSA, MKAR, MKUR, FINES, CMAR, ZALV, NOA, SONM, MAW, ASAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LBOS, BDHA, TRBA, DHBH, HAJJ, DESE, KMBO, NSR, MBAR, IBDR, BHD, RTB, ASF, IKRK, GNI, BRTR, KBRZ, LSZ, AAK, TORD, BVAR, BOSA, MKAR, MKUR, FINES, CMAR, ZALV, NOA, SONM, MAW, ASAR.





EMOS Mosqueruela 7.90 84 P Pn 16 32 20.7 +1.6
EMOS Mosqueruela 7.90 84 P Pn 16 32 20.7 +1.6
EMOS Mosqueruela 7.90 84 P Pn 16 32 20.7 +1.6
EMOS Mosqueruela 7.90 84 P Pn 16 32 20.7 +1.6
EMOS Mosqueruela 7.90 84 P Pn 16 32 20.7 +1.6

WEL 05 16:42:47.6:0.2,45'46Sx166'71E,h22km,1km,ML3.7/14,
2D, Error ellipse: s-maj=2.3km s-min=1.6km az=90.0,
Off west coast of South Island

Code Station Name Az AZZ Phase ID Time Res
DCZ Deep Cove 0.32 94 Op ISC h m s ISC
DCZ Deep Cove 0.32 94 Op ISC h m s ISC
DCZ Deep Cove 0.32 94 Op ISC h m s ISC
DCZ Deep Cove 0.32 94 Op ISC h m s ISC
DCZ Deep Cove 0.32 94 Op ISC h m s ISC

IDC 05 17:03:24.5:1.2, 12'03N:46'08E,h0km,mb3.7/9,
mb1 3.9/9,mb1mx3.7/25,mbtmp3.7/9,MS3.1/3,Ms1.3/1/3,
ms1mx2.8/45, Error ellipse: s-maj=34.9km s-min=23.5km
az=22.0

ISCJB 05 17:03:25.1:1.0, 12'11N:0'2.46'E:0.1,h1km,mb3.7/9,
MS3.0/3, Error ellipse: s-maj=27.7km s-min=19.3km
az=18.2

ISC 05 17:03:26.6:1.2, 12'11N:0'2.46'E:0.2,h13km,n12,
o:959/9,mb3.8/9,MS2.8/3, Western Gulf of Aden

Code Station Name Az AZZ Phase ID Time Res
ASF Jabal al Asfar 21.74 339 Op ISC h m s ISC
MMAI Mount Meron Ar 23.05 337 LR LR 17 16 53.9
BRTR Keskin Array B 29.66 340 P P 17 09 32.8 +0.4

TAP 05 17:34:37.1,23'78N:120'75E,h23km,ML3.6,16C-9D,B,
Taiwan

Code Station Name Az AZZ Phase ID Time Res
WNT Mingjian 0.12 330 Op ISC h m s ISC
WNT Mingjian 0.12 330 Op ISC h m s ISC
WNT Mingjian 0.12 330 Op ISC h m s ISC
WNT Mingjian 0.12 330 Op ISC h m s ISC
WNT Mingjian 0.12 330 Op ISC h m s ISC

CHN4 Tsaushan 0.45 199 P Pb 17 34 46.7 +0.4
CHN4 Tsaushan 0.45 199 P Pb 17 34 46.7 +0.4
WSF Szu 0.50 254 eP Pb 17 34 47.2 -0.1
WSF Szu 0.50 254 eP Pb 17 34 47.2 -0.1
WTP Ta-pu 0.54 193 iJP Pb 17 34 48.1 0.0

WEL 05 16:42:47.6:0.2,45'46Sx166'71E,h22km,1km,ML3.7/14,
2D, Error ellipse: s-maj=2.3km s-min=1.6km az=90.0,
Off west coast of South Island

Code Station Name Az AZZ Phase ID Time Res
WHF Hehuan Shan 0.60 52 iJP Pb 17 34 49.8 +0.3
WHF Hehuan Shan 0.60 52 iJP Pb 17 34 49.8 +0.3
TWT Tachien 0.61 39 P Pb 17 34 49.3 -0.1
TWT Tachien 0.61 39 P Pb 17 34 49.3 -0.1
CHN1 Nanshi 0.62 199 iJP Pb 17 34 49.6 +0.2

IDC 05 17:53:31.3:2.5, 8'59S:147'69E,h115km,15km,mb3.4/1,
mb1 3.1/3,mb1mx2.9/17,mbtmp2.9/3,MS3.9/1,Ms1 3.9/1,
ms1mx2.9/14, Error ellipse: s-maj=91.0km
s-min=34.7km az=132.0, Eastern New Guinea region

ISC 05 17:53:31.3:2.5, 8'59S:147'69E,h115km,15km,mb3.4/1,
mb1 3.1/3,mb1mx2.9/17,mbtmp2.9/3,MS3.9/1,Ms1 3.9/1,
ms1mx2.9/14, Error ellipse: s-maj=91.0km
s-min=34.7km az=132.0, Eastern New Guinea region

ISC 05 17:53:31.3:2.5, 8'59S:147'69E,h115km,15km,mb3.4/1,
mb1 3.1/3,mb1mx2.9/17,mbtmp2.9/3,MS3.9/1,Ms1 3.9/1,
ms1mx2.9/14, Error ellipse: s-maj=91.0km
s-min=34.7km az=132.0, Eastern New Guinea region

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC

IDC 05 17:53:31.3:2.5, 8'59S:147'69E,h115km,15km,mb3.4/1,
mb1 3.1/3,mb1mx2.9/17,mbtmp2.9/3,MS3.9/1,Ms1 3.9/1,
ms1mx2.9/14, Error ellipse: s-maj=91.0km
s-min=34.7km az=132.0, Eastern New Guinea region

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC
PMG Port Moresby 0.97 213 Op ISC h m s ISC

BKK 05 18:20:57.3:1.2, 18'N:7'x9'6E, h10km,ML4.4/3,MLv4.4/3,
Myanmar
Code Station Name Az AZZ Phase ID Time Res
MHMT Maesarieng 1.62 70 P S Pn 18 21 26.9 +0.3

ISCJB 05 18:34:44.2:1.1, 21'42S:0'06:67'3W:0.2,h260km,21km,
mb3.2/1, Error ellipse: s-maj=35.5km s-min=9.0km az=8.1
GUC 05 18:34:45.7:0.4, 21'58S:67'32W,h234km,7km,ML3.9
IDC 05 18:34:47.8:0.9, 21'01S:67'52W,h262km,72km,mb3.0/1,
mb1 3.3/2,mb1mx3.0/15,mbtmp3.2/2, Error ellipse:
s-maj=91.8km s-min=56.9km az=161.0

ISC 05 18:34:44.2:1.1, 21'39S:0'07:67'1W:0.2,h236km,20km,
n14,ci140/21,1C-1D, Chile-Bolivia border region

Code Station Name Az AZZ Phase ID Time Res
PB09 Plate Boundary 2.06 258 eP ISC h m s ISC
PB09 Plate Boundary 2.06 258 eP ISC h m s ISC
PB01 Plate Boundary 2.28 278 iP S Pn 18 35 29.1 +0.8

IDC 05 18:57:39.0:8.8, 4'83S:145'89E,h0km,mb3.4/2,
mb1 3.7/4,mb1mx3.4/18,mbtmp3.6/4,ML3.3/1,MS2.8/1,
Ms1 2.8/1,mb1mx2.5/13, Error ellipse: s-maj=125.1km
s-min=50.7km az=35.0, Near north coast of New Guinea

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 4.71 165 Op ISC h m s ISC
PMG Port Moresby 4.71 165 Op ISC h m s ISC
PMG Port Moresby 4.71 165 Op ISC h m s ISC
PMG Port Moresby 4.71 165 Op ISC h m s ISC
PMG Port Moresby 4.71 165 Op ISC h m s ISC

BUI 05 19:25:41.1, 23'86N:121'84E,h17km,mb3.8/3,ML3.7/5,
Ms3.8/2,Ms7 3/72
ISCJB 05 19:25:42.6:0.4, 23'94N:0'01:121'68E:0.02,h1km,2km,
mb3.6/8,MS3.3/1, Error ellipse: s-maj=2.8km s-min=1.6km
az=37.0

IDC 05 19:25:42.2:0.9, 23'85N:121'53E,h0km,mb3.6/8,
mb1 3.7/9,mb1mx3.6/26,mbtmp3.6/9,ML3.5/1,MS3.3/1,
Ms1 3.3/1,ms1mx2.4/39, Error ellipse: s-maj=32.6km
s-min=17.6km az=69.0

JMA 05 19:25:42.4:0.4, 23'99N:121'44E,h6km,ML3.2
TAP 05 19:25:43.0, 23'96N:121'60E,h6km,ML4.0,B
ISC 05 19:25:43.0:0.9, 23'94N:0'02:121'65E:0.02,h6km,6km,
n87,0:988/125,mb3.6/8,23C-7D, Taiwan

Code Station Name Az AZZ Phase ID Time Res
HWA Hwalien 0.05 314 Op ISC h m s ISC
HWA Hwalien 0.05 314 Op ISC h m s ISC
TWD Chiawan 0.14 342 iJP Pg 19 25 46.1 +0.1
TWD Chiawan 0.14 342 iJP Pg 19 25 46.1 +0.1
TWD Chiawan 0.14 342 iJP Pg 19 25 46.1 +0.1

Table with columns: CHKT, Chengkung, 0.88 197 eP, Pg, 19 25 59.8 0.0, etc. Lists various station codes and their associated data.

Table with columns: NJ2, comp=N,60nm,0.8s, smax, smax, etc. Includes sub-sections for GUC 05 19:36:03.6,0.4,31:59S:69:57W and GUC 05 19:45:36.7,0.4,31:63S:69:77W.

Table with columns: CLCH, Rinconada Maip, 2.15 207 i/P, S, etc. Includes sub-sections for GUC 05 20:04:08.4,0.8,56:12S:26:49W and GUC 05 20:04:12.0,0.5,31:57S:69:66W.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BRVK Borovoye, ABKAR Akbulak array, SVE Svedlovsk, ARU Arti, VDA Vanda, ZEI Tsey, PPT Papeete, KIV Kislovodsk, AKASG Malin Array Be.

IDC 05 21:08:37.9.2.6, 10.42N-126.52E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/24, mbtmp3.5/4, MS2.7/1, Ms1 2.7/1, ms1mx2.4/27, Error ellipse: s-maj=264.8km s-min=21.8km az=68.0, Philippine Islands region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like TGY Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam.

JMA 05 21:08:44.1.0.6, 32.33N-141.99E, h0km, M3.7, ISCJB 05 21:08:47.9.1.2, 32.32N-142.14E, h0.1, h39km, mb3.5/3, Error ellipse: s-maj=15.5km s-min=9.0km az=164.8

IDC 05 21:08:47.4.5.5, 32.06N-141.44E, h0km, mb3.5/3, mb1 3.6/4, mb1mx3.4/24, mbtmp3.4/4, ML3.0/1, Error ellipse: s-maj=198.6km s-min=27.6km az=69.0

ISC 05 21:08:50.7.1.5, 32.32N-141.99E, h0.1, h39km, n11, s191/15, mb3.5/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like JHCJ Hachijojimakas, JHJZ Mitsune, BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, JSO4 HJHU Hanno, JHO Hitachi, MJAR Matsushiro Arr, SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr.

CSEM 05 21:20:20.6, 12.40N-45.65E, h14km, ML3.1, After DHMR DHMR 05 21:20:20.6, 12.40N-45.65E, h14km, 17km, ML3.1, 1C-1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LBOS LBOS, BDHA Al Bayda', TRBA At Turbah, UDYN Al Udayn, DHBB Dhamar BB.

ISN 05 21:21:01.6.1.0, 11.63N-47.50E, h22km, 18km, ISCJB 05 21:21:04.0.5.12, 16.0N-04.45E, h4.0, h10km, mb3.9/16, MS3.9/18, Error ellipse: s-maj=8.0km s-min=5.4km az=146.0

IDC 05 21:21:04.1.0.8, 11.97N-46.11E, h0km, mb3.9/16, mb1 4.1/7, mb1mx4.0/31, mbtmp3.9/17, ML3.1/1, MS4.0/20, Ms1 4.0/20, ms1mx3.8/38, Error ellipse: s-maj=19.4km s-min=19.2km az=104.0

CSEM 05 21:21:05.9.1.3, 11.97N-45.57E, h10km, ML4.0, Error ellipse: s-maj=35.0km s-min=22.8km az=27.0

DHMR 05 21:21:07.5.0.7, 12.44N-45.65E, h6km, 5km, ML4.0, ISC 05 21:21:05.3.0.7, 12.13N-0.06E, h5.86E, 0.07, h10.0, n44, s292/36, mb3.9/16, MS4.0/18, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LBOS LBOS, BDHA Al Bayda', TRBA At Turbah, UDYN Al Udayn, DHBB Dhamar BB, HAJJ Hajjah, HAJJ Hajj, DESE Dese, MKBO Kilima Mbogo, NSR Nassriya, NSR Nassriya, NSR Mbarara.

Table with columns: EIL Elat, IBDR Badra, BHD Baghdad, BHD Baghdad, RTB Rutbah, RTB Rutbah, ASF Jabal al Asfar, MMAI Mount Meron Arr, IKRK Karkuk, BRTR Keskin Array B, LSZ Lusaka, TORD Torodi Arr, BOSB Boshof, BVAR Borovoye Array, GERES GERES Array B, MKAR Makanchi Array, MKAR Kurbb Kurchatov Arr, FINES FINESS Array B, CMAR Chiang Mai Arr, CMAR ZALV Zalesovo Beam, ZALV ZALV, NOA NORSAR Array B, ARCES ARCES Array B, SONM Songino Array, SONM SONM, KSRS Korea Array, MAJ Mawson, MAJ Mawson, WRA Warramunga Arr, ASAR Alice Springs, BDFB Brasilia, INK Inuvik.

CSEM 05 21:25:49.5, 12.43N-45.73E, h12km, ML4.2, After DHMR DHMR 05 21:25:49.5, 12.43N-45.73E, h12km, 9km, ML4.2, 2C-1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LBOS LBOS, BDHA Al Bayda', TRBA At Turbah, UDYN Al Udayn, HAJJ Hajjah, HAJJ Hajj.

CSEM 05 21:28:48.4, 43.91N:19.58E, h4km, ML1.6, After BEO BEO 05 21:28:48.4, 43.91N:19.58E, h4km, 3km, ML1.6/7, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BBLS Laziz#263i, DIVS Divibare, IVAS Ivanjica, IVAS Ivanjica, TRUS Trudelj, TRUS Trudelj, TRUS Sjenica, GRUS Gruza, GRUS Gruza, FGSL Fruska Gora, FGSL Fruska Gora, SELS Selova, SELS Selva.

GEN 05 21:30:10.9, 43.80N:13.16E, h20km, ML2.9, ISCJB 05 21:30:10.6, 0.2, 44.02N:0.01E:12.83E:0.02, h14km, 2km, Error ellipse: s-maj=2.8km s-min=2.1km az=43.4

LDG 05 21:30:11.3, 0.1, 43.97N:13.04E, h10km, ML3.1/15, Error ellipse: s-maj=3.7km s-min=2.9km az=134.0

VIE 05 21:30:12.0, 0.2, 44.07N:12.81E, h11km, 1km, mb2.4/14, ML2.9/17, Error ellipse: s-maj=1.2km s-min=1.0km az=78.0 32 km ENE of San Marino

CSEM 05 21:30:11.6, 0.1, 43.98N:12.86E, h15km, ML3.2/23, Error ellipse: s-maj=1.9km s-min=1.4km az=105.0

ROM 05 21:30:11.0, 0.2, 44.01N:12.88E, h8km, 1km, M3.0/25, Error ellipse: s-maj=2.0km s-min=1.4km az=35.0

STR 05 21:30:12.9, 44.16N:13.08E, h0km, Error ellipse: s-maj=0.7, 45.30N:12.19E, h10km, ML3.1, Error ellipse: s-maj=0.5km s-min=0.0km az=0.0

ISC 05 21:30:11.5, 0.8, 43.99N:0.02, 12.86E:0.02, h12km, 4km, n190, s1918/284, 27C-16D, Central Italy

Table with columns: PESA Pesaro, PESA Pesaro, FSSB Fossombrone, FSSB Fossombrone, RSM Repubblica di, RSM Repubblica di, BLLA Bellaria, BLLA Bellaria, SENI Senigallia, SENI Senigallia, ARVD Arcevia, ARVD Arcevia, ARVD Arcevia, PARC Parchiule, PARC Parchiule, BADI Badiali, BADI Badiali, BADI Badiali, CING Cingoli, CING Cingoli, AOI Ancona, AOI Ancona, CDCA Citi di Caste, CDCA Citi di Caste, SFI Santa Sofia, SFI Santa Sofia, SNTG Esanatoglia, SNTG Esanatoglia, MURB Monte Urbano, MURB Monte Urbano, ASQU Asqua, ASQU Asqua, CAFI Castiglione Fio, CAFI Castiglione Fio, VMG Vicchio, VMG Vicchio, FDMO Fioridomonte, FDMO Fioridomonte, CESI CESI - Serrava, CESI CESI - Serrava, MTRZ Monterenzio, MTRZ Monterenzio, SEI Scarperia, SEI Scarperia, NRCA Norcia, NRCA Norcia, MGAB Montegabbione, MGAB Montegabbione, ADRI Adria, Italy, ADRI Adria, Italy, GUMA Gualdo di Mace, CSNT Castellina Chi, CSNT Castellina Chi, SACS San Casciano d, TERO Teramo, TERO Teramo, CAMP Campotosto, CAMP Campotosto, NVLJ Novalja, NVLJ Novalja, MAIM Mastiano, MAIM Mastiano, SKDS Skadanscina, SKDS Skadanscina, TRI Trieste, TRI Trieste, VALM Valbona, VALM Valbona, BACM Baccana, BACM Baccana, CGRP Cima Grappa, CGRP Cima Grappa, CAE Canave, CAE Canave, SABO M.te Sabotino, SABO M.te Sabotino, SABO M.te Sabotino, SABO M.te Sabotino, MLNI Malnisio, MLNI Malnisio, VOJS Vojsko, VOJS Vojsko, VOY Vojsko, VOY Vojsko, COLI Coloredo, COLI Coloredo, CODM Codolo, CODM Codolo, BUA Buia, BUA Buia, DRE Drenchia, DRE Drenchia, BAD Brenadina, BAD Brenadina, VAD Vernadina, VAD Vernadina, VINO Villanova, VINO Villanova.



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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IPAR. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

TAP 06:00:55:56.6, 23.787N:120.72E, h24km, ML3.5, 11C-10D, B, Taiwan

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

IDC 05:23:50:32.0, 5.0, 6.27S:129.66E, h141km, 49km, mb3.5/6, m=1 3.8/10, mb1mx3.6/23, mbtmp3.7/10, Error ellipse: s-maj=34.7km s-min=19.3km az=73.0

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

IDC 05:23:59:49.8, 1.1, 27.09N:56.21E, h0km, mb3.9/16, mb1 4.0/18, mb1mx3.9/31, mbtmp3.9/18, MS3.1/1, Ms1 3.3/1, ms1mx2.5/41, Error ellipse: s-maj=25.3km s-min=16.0km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IPAR. Includes stations like BANDS Bandar-Abbas, BANDS Bandar-Abbas, BANDS Bandar-Abbas, etc.

NIED 06:00:46:0, 32.30N:1.90E, h5km, Mw3.9 Best double couple: Ms8.51000x1014 NP1.3e360.00000, 860.00000, 1.95.00000, NP2.1e169.00000, 830.00000, 8.81.00000

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

JMA 06:00:46:0, 1.0, 5.32, 34N:141.94E, h0km, Ms3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IPAR. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHJ2 Mitsune, etc.

ISC 06:00:46:15.7, 0.9, 32.39N:106.142E, 0.01, h39km, m26, 0.190/36, mb3.9/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IPAR. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHJ2 Mitsune, etc.

ISC 06:00:46:13.0, 0.7, 32.35N:105.142E, 0.01, h39km, m26, 0.190/36, mb3.9/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IPAR. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHJ2 Mitsune, etc.

6d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TWC, EAST, SCZT, TWA, EGS, NWF, KNM.

CSEM 06 01:09:43.0, 12°13'N-44°45'E, h6km, ML3.9, After DHMR

DHMR 06 01:09:43.0, 1.4, 12.133N-44.85E, h6km, 15km, ML3.9, 1C,

Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LBOS, BDHA, UDYUN, DHBB, HAJJ, MUKL.

DHMR 06 01:15:38.3, 1.0, 11°87'N-44°65'E, h10km, 13km, ML4.4

CSEM 06 01:15:41.6, 10.0, 12°16'N-44°93'E, h0km, mb3.4/5,

IDC 06 01:15:41.6, 10.0, 12°16'N-44°93'E, h0km, mb3.4/5,

ISC 06 01:15:40.4, 1.6, 11°9'N-01°44.70E, h10km, n15,

ISC 06 01:15:40.4, 1.6, 11°9'N-01°44.70E, h10km, n15,

ISC 06 01:15:40.4, 1.6, 11°9'N-01°44.70E, h10km, n15,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LBOS, UDYUN, BDHA, HAJJ, BRTR, AAK, GERES, MKAR, KURBS, SONM.

IDC 06 01:24:04.5, 10.0, 15°49'S-172°91'W, h0km, mb4.0/2,

mb1 4.2/3, mb1mx3.7/19, mbtmpp4.0/2, Error ellipse:

s-maj=480.9km s-min=26.3km az=139.0, Samoa Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AFI, DZM, PPT2, TBI, H1S12, H1S13, H1S11, H1N3, H1N1, H1N2, WRA, ASAR, BRTR.

IDC 06 01:25:46.1, 4.6, 22°22'S-176°18'W, h0km, mb3.8/3,

mb1 4.2/3, mb1mx3.8/18, mbtmpp3.8/3, Error ellipse:

s-maj=296.7km s-min=31.3km az=155.0, South of Fiji

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR, WRA, NVAR, BRTR.

DHMR 06 01:25:54.1, 0.8, 11°74'N-44°80'E, h6km, 6km, ML5.3

BUI 06 01:25:54.2, 11°90'N-44°0E, h5km, mb4.8/2, mb4.3/9

ISCJB 06 01:26:01.1-0.3, 11°94'N-03°44'80E, 0.4, h10km,

ISCJB 06 01:26:01.1-0.3, 11°94'N-03°44'80E, 0.4, h10km,

ISCJB 06 01:26:01.1-0.3, 11°94'N-03°44'80E, 0.4, h10km,

ISCJB 06 01:26:01.1-0.3, 11°94'N-03°44'80E, 0.4, h10km,

2009 NOV

NEIC 06 01:26:02.8, 0.4, 12°02'N-44.68E, h10km, mb4.6/28,

ML4.6(ARO), Error ellipse: s-maj=10.3km s-min=6.6km

az=139.0

CSEM 06 01:26:02.2, 0.2, 12°07'N-44°89E, h2km, mb4.5/26, Ms4.5,

MW4.8, Error ellipse: s-maj=9.2km s-min=7.7km az=119.0

GCMT 06 01:26:02.1, 0.3, 12°07'N-45°06E, h20km, 1km, MW4.8,

Moment Tensor Solution, s810; s62, c89; Moment

tensor: Scale 10^18Nm; M1=2.02e-23; M2=2.03e-23;

M3=0.01e-13; M4=0.01e-17; M5=0.42e-07; M6=0.60e-30;

Best double couple: M2:2.000e-10/16° N1:~296.00000°,

~89.00000°; ~69.00000°; N2:~86.00000°; ~85.00000°;

~112.00000°; Principal axes: T: 12.00; P: 0.000°;

Azm 12.0000°; N: 0.000; Plg 16.0000°; Azm 102.0000°;

P: -2.190; Plg 74.0000°; Azm 275.0000°; Data Used: II G I U

ICN. Surface wave period 40 sec.

ISCN 06 01:26:03.3, 1.4, 12°17'N-50°44E, h0km, 16km

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

ISC 06 01:26:03.5, 0.4, 12°07'N-03°44.85E, 0.04, h10km, n189,

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CFR, MLR, VRI, PLO, VOIR, KKAR, GZR, BZS, TAM, BUR08, ABKAR, DRGR, EKS2, KEST, AAK, AAK, AAK, AKASG, AKKB, AKBB, TKM2, TOA0, TOA0, TORO, TORO, TORO, TORO, SOKA, CSNA, MORC, MORC, BOS, BOS, BOS, GERES, GERES, GERES, GERES, SBF, SBF, BRVK, BRVK, BVAR, BVAR, BVAR, DAVA, DAVA, DAVA, MBDF, MBDF, MBDF, MBDF, MBDF, LPGA, LPGA, LPL, LPL, MK31, MK31, MKAR, MKAR, MKAR, KURB, KURK, KURK, WLF, WLF, KIC, KIC, DBIC, DBIC, DBIC, TIC, LIC, LIC, LIC, LIC, ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, ZAAO, CMAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, NAO01 NORARS Array S, NOA NORARS Array B, etc.

KRSC 06:02:03:13.9-4.7, 50.90N x 157.99E, h11 km, 10 km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PAU Pauzhetka, SKR Severo-Kuril's, ASAK Asacha, etc.

IDC 06:02:09:37.1-8.2, 15.55S x 173.76W, h0 km, mb3.7/3, Error ellipse: s-maj=361.6km s-min=37.7km z=142.0, Tonga Islands

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

MEX 06:02:10:14.2-0.4, 18.27N x 104.65W, h13 km, 175 km, MD3.6, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MMIG Aquila, ZIIG Zihuatanejo, ARIG Puente Sto Nin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FURI Furi, KIMBO Kilima Mbogo, NSR Nassriya, etc.

IDC 06:02:19:30.0-50.0, 16.16S-177.05W, h0 km, mb4.1/3, mb1 4.0/3, mb1mx3.8/18, mbtmp4.1/3, MS4.0/2, Ms1 2.9/30, Error ellipse: s-maj=925.7km s-min=167.6km az=77.0, Fiji Islands region

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

ISCJB 06:02:26:09.5-1.8, 13.25N-104.92E, h2 km, 13 km, mb4.3/35, MS3.3/2, Error ellipse: s-maj=8.7km s-min=5.8km az=150.8

IDC 06:02:26:12.5-0.6, 13.16N-92.43E, h37 km, 5 km, mb4.0/17, mb1 4.1/18, mb1mx3.9/30, mbtmp4.2/18, ML4.3/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/35, Error ellipse: s-maj=22.7km s-min=1.7 km az=60.0

NEIC 06:02:26:12.4-0.3, 13.12N-92.49E, mb4.4/10, Error ellipse: s-maj=7.5 km s-min=5.7 km z=44.0

ISC 06:02:26:12.7-0.5, 13.25N-106.92E, h2.0/15, h37 km, 1 km, h38 km region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DGPR DIGLIPUR, PBA Port Blair, PMA Port Blair, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like SMLA Simla, DHRM DHARAMSHALA, HOBS2 Diego Garcia H, etc.

MEX 06:02:04:20.8-0.5, 15.22N-95.38W, h15 km, 11 km, MD3.8, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like HUIG Huatulo, PCIG Pucig, VHO Vista Hermosa, etc.

IDC 06 02:56:44.2±1.8, 5°30'S: 131°50'E, h0km, mb4.0/2, mb1 4.4/5, mb1mx3.9/19, mbtmp4.2/5, ML4.5/3, Error ellipse: s-maj=91.1km s-min=25.0km az=72.0

NEIC 06 02:56:51.0±0.4, 5°54'S: 131°74'E, h35km, mb4.4/9, Error ellipse: s-maj=8.0km s-min=6.8km az=47.0

DJA 06 02:56:52.1±0.3, 5°S: 131°2'E, h107km, M4.5/6, mb4.4/5, mb5.4/3, MLV4.5/6, Mw(MB)4.8/3

AUST 06 02:56:52.2±0.5, 4°57'S: 131°52'E, h60km, ISC 06 02:56:52.0±0.6, 5°55'S: 131°74'E: 0.06, h54km, n50, c2929/14, mb4.0/9, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their coordinates.

MAN 06 03:16:02, 14°20'N: 121°09'E, h24km, mb4.3, ML3.1, MS2.9, 2C, Luzon

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations for the Luzon region.

TAP 06 03:23:34.1, 23°76'N: 120°76'E, h22km, ML3.6, 12C-5D, A, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations for the Taiwan region.

Main table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic events and their station data.

BUI 06 03:26:52.5±2.1, 13°S: 68°88'E, h10km, mb5.1/34, mb5.0/44, MS4.8/30, MS7 4.5/29

P -3.1700, Plg58.0000°, Azm92.0000°; Data Used: IIU IC G CN

ISC 06 03:27:02.1±0.4, 1°39'S: 0°04: 69°38'E: 0.05, h16km±1km, h15km; PP-P, n636, r1905/661, mb5.1/107, MS4.0/34, 166C-142D, Carlsberg Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations and event data for the Carlsberg Ridge region.





Table with columns for station ID, call letters, frequency, and other details. Includes stations like MJAR, WLF, WLF, WLF, WLF, STKA, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like F27A, E19A, F24A, F22A, G28A, etc.

Table with columns for station ID, call letters, frequency, and other details. Includes stations like V32A, TPNV, W34A, M30A, M30A, U28A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sharp Cattle R, Muleshoe, Big Bear Solar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Junction City, Sonora, Mesquite Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ryogami san, Yaso to, Ashikaga, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BBOO Buckleboe, WRAB Tennant Creek, WRA Warramunga Arr, etc.

0.9nm,0.7s,baz=254,slow=4.6,SNR=5.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SUR Sutherland, BOSO Boshof, SYO Syowa Base, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TPUB Ta-pu, MTNI Mataram, SSLS Sawahen, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTSU Mount Surprise, AS31 Alice Springs, ASAR Alice Springs, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMSA Cobar Meteorol, ARMA Armidale, ARMA Armidale, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKTO Aktyubinsk, ARU Arti, ARU Arti, etc.

Table with columns for Code, Station Name, A, AZ, Phase ID, Time Res, and ISC. Includes stations like PSGC Pisagua, PSGC Pisagua, etc.





6d 8h

Table with columns: LOR, comp-Z, 140nm, 17.8s, eR, P, 08 08 39.1 -0.2, etc. Lists various stations and their coordinates.

1DC 06:08:06:16.1 ± 2.1, 63.43S:171.25E, h0km, mb4.0/4, mb1.4/4.5, mb1mx4.1/13, mbtmp4.2/5, ML3.9/1, MS3.9/9, MS1.3/9.9, ms1mx3.6/2.9, Error ellipse: s-maj=54.4km, s-min=23.3km az=61.0.

NEIC 06:08:06:18.9 ± 0.6, 63.57S:170.47E, h10km, mb4.4/8, Error ellipse: s-maj=26.2km s-min=8.7km az=83.0.

ISC 06:08:06:18.4 ± 0.8, 63.52S:170.17E, h10km, m51, s125/26, mb4.3/8, MS3.8/7, Balleny Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like Vanda, NVA, SBA, etc.

2009 NOV

Table with columns: ASAR, Alice Springs, 46.88 310 P, P, 08 14 47.3 -1.4, etc. Lists stations like AS31, TBI, WRA, etc.

GUC 06:08:16:57.9 ± 0.4, 33.13S:72.09W, h7km ± 1km, ML3.9, 9C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like IHA, LCH, ROCH, etc.

MEX 06:08:24:59.5 ± 0.5, 19.36N:104.17W, h66km ± 14km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like CJM, MMIG, ANIG, etc.

AUST 06:08:24:08.9 ± 0.6, 00N:126.51E, h20km, ISCJB 06:08:24:59.0 ± 0.5, 2.58N:102.83E, 0.06, h200km, mb3.9/13, Error ellipse: s-maj=8.9km s-min=7.7km az=158.8.

1DC 06:08:25:03.2 ± 0.2, 2.47N:128.63E, h230km ± 19km, mb3.6/14, mb1.3/1.4, mb1mx3.6/24, mbtmp4.2/14, Error ellipse: s-maj=23.7km s-min=9.3km az=76.0.

DJA 06:08:25:04.1 ± 0.9, 3.1'N:10.12'E, h219km ± 6km, M4.5/9, mb5.3/mb4.4/9, MLv4.6/5, Mw(MB)4.7/3

ISC 06:08:25:00.7 ± 0.5, 2.53N:100.07E, h200km, n44, s190/41, mb4.0/13, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like GAMI, TNTI, SGSI, etc.

222

Table with columns: WRA, Warramunga Arr, 22.99 166 P, P, 08 29 47.8 -0.3, etc. Lists stations like WRA, ASAR, CMAR, etc.

1DC 06:08:26:03.6 ± 2.5, 2.44N:128.57E, h227km ± 23km, mb3.7/11, mb1.3/9/11, mb1mx3.6/24, mbtmp4.3/11, Error ellipse: s-maj=26.6km s-min=9.7km az=72.0.

ISC 06:08:26:05.6 ± 0.2, 6.24N:100.09E, h283E:0.1, h250km, m22, s190/24, mb4.1/10, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like PALU, KNRA, MANU, etc.

ISCJB 06:08:34:48.3 ± 1.3, 36.64N:10.08E, 70E:0.2, h213km, mb3.2/2, Error ellipse: s-maj=25.2km s-min=10.4km az=7.7.

1DC 06:08:34:49.2 ± 10.0, 36.33N:70.89E, h189km ± 68km, mb2.9/3, mb1.3/1.5, mb1mx2.3/2.9, mbtmp3.6/5, Error ellipse: s-maj=21.95km s-min=5.25km az=90.0.

NNC 06:08:34:54.3 ± 9.3, 37.10N:70.48E, h0km, mb4.2, mpv4.2, Error ellipse: s-maj=77.8km s-min=56.9km az=164.0.

ISC 06:08:34:49.6 ± 1.8, 36.73N:10.17E, h213km, n14, s190/17, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like AML, KK31, EK2, etc.





6d 8h

Table of property listings for 6d 8h. Columns include: Property ID (e.g., MCWV, 331A), Name (e.g., Mont Chateau, San Angelo), Price (e.g., 64.43 347 eP), Status (e.g., P), Date (e.g., 09 00 29.0 -0.3), and various other details.

2009 NOV

Table of property listings for 2009 NOV. Columns include: Property ID (e.g., Z28A, 127A), Name (e.g., Tucker Farm, Arkansas Junc), Price (e.g., 67.02 326 uP), Status (e.g., P), Date (e.g., 09 00 45.1 -1.2), and various other details.

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Table of property listings for 224. Columns include: Property ID (e.g., S29A, Z21A), Name (e.g., Ulysses, St. Cloud Mine), Price (e.g., 69.87 330 uP), Status (e.g., P), Date (e.g., 09 01 03.9 -0.1), and various other details.



Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Baker, Dugan Ranch, Lac du Bonnet, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Earthquake Lak, Sao Andreas Ge, Earthquake Lak, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Lamas de Olo, Cabril, Gaviere, Arco, etc.



Table of meteorological data for stations in the 6d 9h region, including codes like MKAR, HYBR, CLNS, etc., and various parameters such as time, position, and intensity.

Table of meteorological data for stations in the 2009 NOV region, including codes like CN2, GTA, HHC, etc., and various parameters such as time, position, and intensity.

Table of meteorological data for stations in the CSEM, DHMR, and ISC regions, including codes like TRBA, LBOS, etc., and various parameters such as time, position, and intensity.

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include ILAR, ASAR Alice Springs, ASAR Warramunga Arr, WRA Warramunga Arr, WRA, NWAOW Narrogin (SRO).

IDC 06 09:23:19.6,1.4,31.79S;57.89E,h0km,mb4.0/5,mb1 4.2/6,mb1mx3.8/28,mbtmp4.0/6,ML4.1/1,Error ellipse: s-maj=4.1,8km s-min=29.8km az=82.0

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include Code Ambोधiratompo, OPO, H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, H08N2 Diego Garcia H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, GSPA South Pole Qui, CMAR Chiang Mai Arr, ASAR Alice Springs, WRA Warramunga Arr, KURBB Kurchatov Arra.

IDC 06 09:26:28.4,1.5,23.43S;64.61W,h0km,mb4.3/2,mb1 3.9/6,mb1mx3.7/18,mbtmp3.8/6,ML3.6/2,MS3.6/1,Ms1 3.5/1,ms1mx2.8/25,Error ellipse: s-maj=26.6km s-min=18.9km az=87.0

ISC/JB 06 09:26:30.8,0.9,23.51S;0.08,64.5W,0.1,h3km,mb4.2/2,Error ellipse: s-maj=17.2km s-min=9.7km az=159.6

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include Code Villa Florida, CPUP Villa Florida, CPUP, LPAZ La Paz, LPAZ, SIV San Ignacio, SIV, SIV, SIV, CFAA Coronel Fontan, CFAA, CFAA, CFAA, PLCA Pano Flores, SUR Sutherland, TORD Torodi Ar, Bea.

IDC 06 09:33:37.4,3.9,13.64S;166.40E,h0km,mb3.7/5,mb1 3.9/5,mb1mx3.7/18,mbtmp3.7/5,MS4.3/1,Ms1 4.2/1,ms1mx3.1/20,Error ellipse: s-maj=139.5km s-min=35.7km az=140.0, Vanuatu Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, ILAR Eielson Array, MKAR Makanchi Array.

MEX 06 09:51:52.7,0.5,17.21N;100.37W,h31km,6km,MD3.6, Guerrero

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, ARIG Puente Sto Nin, ARIG, ZLIG Zihuatanejo, ZLIG, PLIG Platanillo, TLIG Tlata, TLIG.

IDC 06 09:52:26.2,3.1,13.49S;167.96E,h0km,mb3.5/3,mb1 3.8/3,mb1mx3.6/18,mbtmp3.5/3,MS3.1/1,Ms1 3.1/1,ms1mx2.8/17,Error ellipse: s-maj=196.9km s-min=31.1km az=142.0, Vanuatu Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include HNR Honiara, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, ARCES ARCES Array B, ARCES.

ISC/JB 06 10:19:48.6,0.3,57.43N;0.03,140.76W,0.04,h10km,mb4.1/10,Error ellipse: s-maj=4.5km s-min=2.9km az=32.1

BUJ 06 10:19:49.0,57.50N;140.50W,h5km,mb5.1/3,mb4.8/5 IDC 06 10:19:51.1,4.5,57.58N;140.83W,h0km,mb3.6/5,mb1 4.2/10,mb1mx3.9/29,mbtmp3.9/10,ML4.2/4,MS3.4/2,Ms1 3.4/2,ms1mx3.0/30,Error ellipse: s-maj=26.1km s-min=15.1km az=44.0

NEIC 06 10:19:51.4,0.2,57.49N;140.73W,h10km,mb4.3/4,ML4.2(AEIC),MW4.3(OTT),Error ellipse: s-maj=4.2km s-min=2.5km az=31.0

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include YKUZ Yakutat, SAMH Samovar Hills, MESA MESA, RKAV Rock Avalanche, SIT Sitka, SIT, KULT Kulieth River, BGLC Bering Glacier, SUCK Suckling Hills, BARK Barkley Ridge, BARK, GRIND Grindle Hills, BESE Bessie Mountain, BESE, ISLE Juniper Island, ISLE, NICH Nichawak Mount, NICH, KHIT Khitrov Hills, GRNC Granite Creek, BERG Berg Lake, LOGN Logan Glacier, SKAG Skagway, CTGM Chitina Glacie, KIAG Kiagna River, MID Middleton Isla, FLAG Flagged Mount, BARN Barnard Glacie, BALM Baldy, HYT Haines Junctio, HYT Haines Junctio, GOAT Goat Mountain, PTPK Patsy Peak, SGAM Sherman Glacier, VRDI Verde Repeater, BMRM Bremner River, EYAK Alogaska Ski Ar, NICARA Nicarchy Inlet, HIN Hinchinbrook I, GLB Gilahina Butte, WHY Whitehorse, WHY, FID Fort Fidalgo, DIV Divide, LTI Latouche, CRAG Craig, WFRAX Wrangell Islan, VALD Valdez, JPK Jack Peak, GJK Glacier Island, WASW Wrangell South, WLK Klutina, PWL Port Wells, SEW Seaward, HARP HAARP, SCM Sheep Creek Mo, NDB Naden, NDB, NDB, NDB, BC3A Beaver Creek A, DLBC Dease Lake, DLBC, DLBC Dease Lake, DLBC, DLBC Dease Lake, DLBC, DLBC, MENT Mentasta, SLKM Skalak Lake, BRLK Bralk Lake, SML Sawmill, CNPM China Poot, PMR Palmer, PAW Patuxet, DIB Dabob, DIB, DAWSON INLET T, H02S1, KDKA Kodiak Island, DOT Dot Lake, MOBC Moresby Island, MOBC, MOBC Moresby Island, MOBC, SUA Susitna One, RHH Denali Highway, DUB Denali Rupert, RUBB Ruben Rupert, RUBB, RUBB, DAWY Dawson, DAWY, DAWH Dawson, SCRK Sand Creek, DDM Donnelly Dome, OHAK Old Harbor, SPU Mount Spurr, SPU Redoubt South, DFR Drift River, STLK Strandline West, RDWB Redoubt Lake, ILW Iliamna West, BNB Barry Inlet, BNB, BKL Chakachama La, BGL Barkier Glacie, SKT Skwentna, RND Reindeer, EGAK Eagle, MCK McKinley, HDA Harding Lake, TRF Thorofore Moun, KABR Katmai Barrier, CAHL Cahill, WRH River Hill, PPLA Purkeypile, IL1 Eielson Array, ILAR Eielson Array, ILAR, ILAR, KTH Kantishna Hill, CCB Clear Creek Bu, COLA Colley, CAST Castle Rocks, BPAW Bear Paw Mtn, MDM Murphy Dome, BBB Bella Bella, BBB, BBB, BBB, MLY Mamlay, TMLY Tatalai, CHGN Chignik, IM04 Indian Mountai, IMA2 Indian Mountai, COLD Coldfoot, SDPT Sand Point

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include INK Inuvik, INK Inuvik, INK, INK, INK, INK, INK, INK, YKA Yellowknife Ar, YKA Yellowknife Ar, UNV Unalaska Valle, EDM Edmonton, NEW Newport, NEW Newport, SLMT Seely Lake, YBH Yreka Blue Hor, YBH Yreka Blue Hor, J08A Circle Bar Ran, PAHR Pah Rah Range, NVAR Mina Array Bea, NVAR Mina Array Bea, RES Resolute Bay, RES Resolute Bay, PDAR Pinedale Array, PDAR Pinedale Array, MTUM Tungsten Hills, R11A Troy Canyon, C, PV05 Fourth Valley, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, WMQ Urumqi, WMQ, CD2 Chengdu, CD2, CD2, GYA Guiyang, GYA, CSEM 06 10:20:43.4,12.44N;45.72E,h12km,ML3.8,After DMMR DMMR 06 10:20:43.4,0.5,12.44N;45.72E,h12km,24km,ML3.8,1C-1D,Western Gulf of Aden

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include LBOS, LBOS, BDHA Al Bayda', BDHA, BDHA, BDHA, TRBA At Turbah, TRBA, TRBA, UDYN Al'Udayn, UDYN, UDYN, DHHB Dhamar BB, DHHB, NNC 06 10:45:50.0,12.0,36.56N;70.17E,h0km,mb4.0,mpv3.8,4C-1D,Error ellipse: s-maj=170.11km s-min=93.0km az=147.0,Hindu Kush region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include INK Inuvik, INK Inuvik, INK, INK, INK, INK, INK, YKA Yellowknife Ar, YKA Yellowknife Ar, UNV Unalaska Valle, EDM Edmonton, NEW Newport, NEW Newport, SLMT Seely Lake, YBH Yreka Blue Hor, YBH Yreka Blue Hor, J08A Circle Bar Ran, PAHR Pah Rah Range, NVAR Mina Array Bea, NVAR Mina Array Bea, RES Resolute Bay, RES Resolute Bay, PDAR Pinedale Array, PDAR Pinedale Array, MTUM Tungsten Hills, R11A Troy Canyon, C, PV05 Fourth Valley, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, WMQ Urumqi, WMQ, CD2 Chengdu, CD2, CD2, GYA Guiyang, GYA, CSEM 06 10:20:43.4,12.44N;45.72E,h12km,ML3.8,After DMMR DMMR 06 10:20:43.4,0.5,12.44N;45.72E,h12km,24km,ML3.8,1C-1D,Western Gulf of Aden

IDC 06 10:45:50.0,12.0,36.56N;70.17E,h0km,mb4.0,mpv3.8,4C-1D,Error ellipse: s-maj=170.11km s-min=93.0km az=147.0,Hindu Kush region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include KK31 Karatay Array, KK31, TKM2 Tokmak 2, TKM2, AB31 Akbulak array, AB31, IDC 06 11:06:37.4,1.4,1.53N;126.48E,h0km,mb3.5/6,mb1 3.6/6,mb1mx3.5/23,mbtmp3.5/6,Error ellipse: s-maj=167.5km s-min=18.2km az=65.0,Northern Molucca Sea

IDC 06 11:06:37.4,1.4,1.53N;126.48E,h0km,mb3.5/6,mb1 3.6/6,mb1mx3.5/23,mbtmp3.5/6,Error ellipse: s-maj=167.5km s-min=18.2km az=65.0,Northern Molucca Sea

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arra, BV3AR Borovoye Array.

NIED 06 11:09:00.43,00N;147.50E,h14km,MW4.3,Best double couple: M2:74000:1015 NP1:36:61.00000:865.00000,1.07.00000, NP2:206.00000:830.00000:1.58.00000

MOS 06 11:09:17.3,1.0,42.97N;147.59E,h33km,mb4.6/5,Error ellipse: s-maj=11.1km s-min=9.3km az=110.6

JMA 06 11:09:17.0,4.0,43.04N;147.48E,h32km,ML4.3,ISC/JB 06 11:09:18.0,4.0,42.98N;0.05,147.43E,0.04,h42km,mb4.1/25,MS3.6/6,Error ellipse: s-maj=6.7km s-min=4.1km az=160.3

SKHL 06 11:09:18.2,0.1,42.90N;147.60E,h53km,2km,mb4.8/2,NEIC 06 11:09:20.6,3.0,43.00N;147.44E,h33km,mb4.8/4,Error ellipse: s-maj=12.9km s-min=7.7km az=149.4

IDC 06 11:09:20.6,3.0,42.99N;147.44E,h42km,mb3.8/18,mb1 3.9/23,mb1mx3.9/32,mbtmp4.0/23,ML3.4/4,MS3.5/9,Ms1 3.5/9,ms1mx3.1/46,Error ellipse: s-maj=22.0km s-min=16.7km az=168.0

ISC 06 11:09:20.6,0.6,42.99N;0.06,147.42E;0.06,h42km,n102,1508/108,mb4.2/25,MS3.6/6,1C-1D,Off southeast coast of Hokkaido

6d 12h

Table with columns: YUK, comp=N, 226nm, 0.5s, pmax, pmax, etc. Lists various astronomical objects and their properties.

2009 NOV

Table with columns: TKM2, Tokmak 2, 51.01 296 eP, P, 11 18 19.7 +1.2, etc. Lists astronomical objects and their properties.

Table with columns: DZM, Mont Dzumac, 20.18 250 P, Pn, 12 33 07.7 +3.6, etc. Lists astronomical objects and their properties.



Table with columns for station ID, name, frequency, power, mode, and coordinates. Includes stations like Columbia Colle, Pinyon Flat Ob, Sam W Stewart, etc.

Table with columns for station ID, name, frequency, power, mode, and coordinates. Includes stations like Big Grassy Moun, Cornhill Cattle, Ramah, etc.

Table with columns for station ID, name, frequency, power, mode, and coordinates. Includes stations like Lazy 6 Ranch, Lamborn Mesa, 4UR Ranch, etc.



Table with columns: WHO, Visto Hermosa, 1.73 55 i P, Pn, 12 37 24.1 -2.8, etc.

IDC 06 12:41:21.01.5, 1.76N, 122.23E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/24, mbtmp3.7/5, MS4.2/1, Mst 1.4/2/1, ms1mx2.9/31, Error ellipse: s-maj=147.3km s-min=22.7km az=63.0

DJA 06 12:41:27.90.0, 1.7N, 122.23E, h4km, 6km, M4.4/1.1, mb4.4/2, mb4.9/1, MLV4.4/1, MW(m)B4.2/1

ISC 06 12:41:28.3+1.3, 0.78N, 120.33E, 0.09, h32km, n19, c2514/15, mb3.7/4, Minahasna Peninsula, Sulawesi

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

DHMR 06 13:14:56.5+0.6, 12.41N, 45.72E, h10km, 47km, ML3.6, 1D, West Gulf of Aden

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

IDC 06 13:46:41.4+2.8, 1.55S, 99.37E, h0km, mb3.6/4, mb1 3.8/6, mb1mx3.5/25, mbtmp3.6/6, ML3.7/2, Error ellipse: s-maj=120.1km s-min=20.1km az=59.0, Southern Sumatara

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

IDC 06 13:48:31.7-8.7, 19.99S, 178.11W, h468km, 84km, mb3.3/6, mb1 3.5/7, mb1mx3.2/21, mbtmp3.3/7, Error ellipse: s-maj=98.4km s-min=40.5km az=136.0, Fiji Islands region

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

IDC 06 13:49:09.4+12.0, 6.24S, 128.83E, h250km, 138km, mb2.9/1, mb1 3.1/4, mb1mx2.9/20, mbtmp2.9/4, Error ellipse: s-maj=131.1km s-min=39.2km az=53.0, Banda Sea

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

KRSC 06 14:22:22.3+7.6, 49.65N, 156.36E, h10km, 10km, ML3.6, Kuril Islands

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

CSEM 06 14:34:01.4, 45.95N, 15.16E, h0km, ML1.0, After LJU LJU 06 14:34:01.4, 45.95N, 15.16E, h7km, ML1.0, 3D,

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

IDC 06 14:37:01.3+5.2, 5.19S, 142.82E, h200km, 55km, mb3.0/3, mb1 3.2/5, mb1mx3.0/17, mbtmp3.9/5, Error ellipse: s-maj=50.9km s-min=19.6km az=142.0, New Guinea

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

IDC 06 15:04:57.4+6.6, 0.55S, 101.41E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.4/24, mbtmp3.4/4, Error ellipse: s-maj=353.0km s-min=25.7km az=54.0, Southern Sumatara

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

CASC 06 15:11:49.3+1.6, 13.75N, 92.14W, h40km, MD3.5, 1D, Off coast of Chiapas

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

CSEM 06 15:15:29.9, 12.17N, 44.70E, h3km, ML3.5, After DHMR DHMR 15:15:29.9, 12.17N, 44.70E, h3km, 5km, ML3.5, 3C,

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

IDC 06 15:23:33.4+2.0, 11.87N, 44.80E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.5/25, mbtmp3.7/5, MS3.8/8, Mst 1.3/3/8, ms1mx3.1/35, Error ellipse: s-maj=54.6km s-min=27.1km az=173.0

CSEM 06 15:23:33.1, 12.21N, 44.77E, h12km, ML4.4, After DHMR DHMR 06 15:23:33.1, 12.21N, 44.77E, h12km, 11km, ML4.4

ISC 06 15:23:35.6+1.2, 12.32N, 0.08, 44.72E, 0.05, h10km, n23, c1536/26, mb3.5/5, MS3.8/3, C, Western Arabian Peninsula

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

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

FUNV 06 15:59:22.1, 12.34N, 72.48W, h90km, MW4.0, Near north coast of Colombia

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

IDC 06 16:22:06.1+1.1, 1.20N, 45.93E, h0km, mb3.8/15, mb1 4.0/16, mb1mx3.9/32, mbtmp3.9/16, MS3.8/18, Mst 1.8/19, ms1mx3.7/30, Error ellipse: s-maj=26.1km s-min=19.2km az=32.0

NEIC 06 16:22:06.2+0.5, 11.93N, 45.82E, h10km, mb4.1/5, Error ellipse: s-maj=11.7km s-min=7.2km az=153.0

CSEM 06 16:22:08.1+0.2, 12.08N, 45.71E, h20km, mb4.2/4, Error ellipse: s-maj=7.7km s-min=6.6km az=158.0

DHMR 06 16:22:09.4+1.4, 12.46N, 45.62E, h11km, 19km, ML4.0

ISC 06 16:22:07.6+4.0, 12.16N, 0.05, 45.76E, 0.06, h13km, 25km, n90, c1961/89, mb4.0/17, MS3.8/18, 1C-1D, Western Gulf of Aden

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

ATA Atar 2.59 255 i P, Pn, 16 22 47.2 -2.0

ATA Atar 2.59 255 i P, Pn, 16 22 47.2 -2.0

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

DHBB Dhamar BB 2.74 331 i P, Pn, 16 22 52.0 +0.4

Table of station data for 6d 17h, including stations like MMAI, IKRK, GNI, BR131, BR13, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 16:24:10.6:6.8, 35.95N:77.18E, h0km, mb4, 1/2, mb1 4.1/4, mb1mx3.5/28, mbtmp4.1/4, ML3.8/3, Error ellipse: s-maj=112.7km s-min=51.0km az=134.0

ISCJ 06 16:24:13.4:2.9, 36.1N:102.77E:0.3, h10km, n17, 6545/6, Kashmir-Xinjiani border region

Table of station data for the Kashmir-Xinjiani border region, including stations like AAK, DANN, KOLN, GKN, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 16:29:52.3:2.7, 974S:150.25E, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/18, mbtmp3.7/5, ML3.0/2, Error ellipse: s-maj=8.6km s-min=4.1km az=75.0, Eastern New Guinea region

Table of station data for the Eastern New Guinea region, including stations like PMG, WRA, ASAR, STKA, FITZ, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

TORD Torodi Ar. Bea 149.01 279 PKPbc PKPbc 16 49 43.6 +0.2 0.4nm, 0.6s, baz=52, slow=2.4, SNR=3.4

Main table of station data for 2009 NOV, including stations like ASAR, FITZ, VANDA, CMAR, MKAR, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

Table of station data for the Pacific region, including stations like AFI, RAR, DZM, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 16:30:54.7:9.9, 18.89S:177.98W, h572km, 99km, mb3.3/7, mb1 3.4/8, mb1mx3.2/22, mbtmp3.3/8, Error ellipse: s-maj=6.8km s-min=2.6km az=51.0, Fiji Islands region

Table of station data for the Fiji Islands region, including stations like DZM, CTA, STKA, WRA, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

Table of station data for the Caribbean region, including stations like ASAR, FITZ, VANDA, CMAR, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 16:47:58.3:3.3, 36.57S:73.170W, h104km, 22km, mb3.4/4, mb1 3.2/6, mb1mx3.1/19, mbtmp3.2/6, Error ellipse: s-maj=66.9km s-min=11.2km az=100.0

ISCJ 06 16:48:03.4:1.8, 36.6S:101.70W:8.5, h149km, n9, 6194/10, mb3.5/4, Chile-Argentina border region

Table of station data for the Chile-Argentina border region, including stations like PLCA, CFAA, SIV, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

MEX 06 16:56:38.8:0.8, 17.05N:99.86W, h32km, 10km, MD3.6, Guerrero

Table of station data for the Guerrero region, including stations like ACX, CAIG, MEIG, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 17:23:22.9:0.3, 51.46N:102.6:56E:0.03, h0km, Error ellipse: s-maj=2.7km s-min=1.9km az=43.0

Table of station data for the Pacific region, including stations like WRA, ASAR, FITZ, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

ISCJ 06 17:23:22.9:0.3, 51.46N:102.6:56E:0.03, h0km, n141, 6195/239, 32-C-60, Germany

Table of station data for the Pacific region, including stations like BRHE, PDAR, ILAR, etc., with columns for Call Sign, Station Name, Frequency, Power, and other parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Todenfeld, Membach, Oeltalsperre, Sart Tilman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Novy Kostel, Colim, Lomont, Lormes, etc.

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

ICD 06 17:31:29.3; 1.8, 5.91N; 126.88E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/24, mbtmp3.5/5, MS3.8/3, Ms1 3.8/3, ms1mx3.1/28, Error ellipse: s-maj=112.2km s-min=23.0km

6d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like WAKE ISLAND, Toolangi, Stephens Creek, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like Boulder Array, Pinedale Array, Bozeman (W), etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Rate, Elevation Rate, and other parameters. Includes stations like Kurchatov, Kashi, Boulder Array, etc.



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Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn. Contains meteor sighting data for stations 6W13 through NVAR.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn. Contains meteor sighting data for stations JLU through D22A.

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn. Contains meteor sighting data for stations CHMT through NVAR.

IDC 06 17:57:18.4±2.6, 22.45±5.63°94W, h0km, mb3.9/1, mb1 3.6/4, mb1mx3.5/19, mbmp3.5/4, ML2.1/3, Error ellipse: s-maj=44.4km s-min=25.8km az=65.0, Salta Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Contains meteor sighting data for stations SIV through TOR.

ISCJB 06 18:01:53.1±0.4, 67.06N±0.02±0.89E±0.09, h0km, Error ellipse: s-maj=5.4km s-min=3.5km az=13.1, UPP 06 18:01:53.7, 67.06N±0.02±0.91E, h0km, ML2.1, Mining explosion.

HEL 06 18:01:54.5±0.1, 67.07N±0.02±0.91E, h0km, ML1.9, ML2.1 (UPP), Suspected explosion

CSEM 06 18:01:54.0±0.2, 67.08N±0.02±0.93E, h0km, ML2.1, Error ellipse: s-maj=5.0km s-min=3.8km az=105.0, Mining explosion.

NAO 06 18:01:55.0±0.1, 67.04N±0.02±0.93E, ML2.5, IDC 06 18:01:55.0±0.1, 67.08N±0.02±0.93E, h0km, mb1 3.0/3, mb1mx2.9/27, mbmp2.9/3, ML2.3/3, Error ellipse: s-maj=24.9km s-min=9.1km az=108.0.

BER 06 18:01:56.7±2.8, 67.06N±0.02±0.93E, h0km, ML1.7, ML2.5(NAO), Suspected explosion

ISC 06 18:01:53.5±0.7, 67.07N±0.02±0.90E±0.03, h0km, n61, -085/77, Sweder

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Contains meteor sighting data for stations MASU through LANU.



Table with columns: LANU, Lannavaara, 1.07 23 P, Pg, 18 02 13.2 -0.7, etc.

Table with columns: MORB, Mol Rana, 2.73 254 eSg, Sb, 18 03 17.6 +0.6, etc.

Table with columns: UMAU, Umeaa, 3.20 182 eP, Pn, 18 02 45.8 +0.8, etc.

Table with columns: CSEM 06 18:12:37.1, 12:44N:45:68E, h6km, ML3.9, After DHMR, etc.

Table with columns: LBOB, LBOB, 1.48 344 iP, Pn, 18 13 26.0 +0.6, etc.

Table with columns: WRA, Warramunga Arr, 23.94 152 P, Pn, 18 22 22.2 +0.5, etc.

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Table with columns: MAW, Mawson, 86.46 199 P, P, 18 52 55.7 -0.9, etc.

Table with columns: NOU 06 18:41:39.3, 1.0, 18:82S:169:01E, h30km, MD3.2, ML2.9, etc.

Table with columns: IDC 06 18:42:37.9, 2.0, 7:78S:118:87E, h0km, Mw4.4, etc.

Table with columns: NIED 06 19:22:00, 36:70N, 141:20E, h41km, Mw4.4, Best double couple, etc.

Table with columns: ONAJ, Iwakimizuishiy, 0.70 312 P, Pn, 19 23 10.1 +1.1, etc.

Table with columns: LBOB, LBOB, 1.48 344 iP, Pn, 18 13 26.0 +0.6, etc.

Table with columns: WRA, Warramunga Arr, 23.94 152 P, Pn, 18 22 22.2 +0.5, etc.

Table with columns: IDC 06 18:17:05.6, 1.6, 1:23N:122:69E, h0km, mb3.1/3, etc.

Table with columns: ZAAO, Zalesovo Array, 42.21 313 eP, P, 19 30 20.1 +0.8, etc.

Table with columns: KOLN, Koldanda, 49.11 272 eP, P, 19 31 15.1 +0.6, etc.

Table with columns: AS31, Alice Springs, 60.39 188 eP, P, 19 32 36.2 +0.3, etc.

Table with columns: LPAZ, La Paz, 146.87 60 PKPbc, PKPbc, 19 42 10.5 +0.3, etc.

Table with columns: CSEM 06 19:26:20.4, 12:41N:45:70E, h8km, ML4.0, After DHMR, etc.

Table with columns: LBOB, LBOB, 1.48 344 iP, Pn, 18 13 26.0 +0.6, etc.

Table with columns: WRA, Warramunga Arr, 23.94 152 P, Pn, 18 22 22.2 +0.5, etc.

6d 19h

2009 NOV

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BDHA, TRBA, UDYU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BURAR, DMN, PKIN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ASAR, NVAR, FITZ, etc.

Table of astronomical observations for 2009 NOV, columns include JBP, Gumba, DMN, GUN, DUN, Daman, KKN, Kani, LSA, Lhasa, etc. with associated coordinates and classification codes.

Table of astronomical observations for 2009 NOV, columns include WRA, Warramunga Arr, WRAB, Tennant Creek, WRAB, Tennant Creek, WRAB, Tennant Creek, etc. with associated coordinates and classification codes.

Table of astronomical observations for 2009 NOV, columns include SMF, Signal de Mont, SMF, Saint Sauveur, SMF, Saint Sauveur, SMF, Saint Sauveur, etc. with associated coordinates and classification codes.

6d 21h

Table of station data including columns: Code, Station Name, Azimuth (Az), Elevation (Elev), Phase ID, Time, Residual (Res), and other parameters. Includes stations like BALB, CHOS, SIGRI, GONGE, SMG, etc.

2009 NOV

Table of station data for 2009 NOV, including columns: Code, Station Name, Azimuth (Az), Elevation (Elev), Phase ID, Time, Residual (Res), and other parameters. Includes stations like FITZ, WRA, ASAR, MKAR, TRBA, etc.

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Table of station data for 242, including columns: Code, Station Name, Azimuth (Az), Elevation (Elev), Phase ID, Time, Residual (Res), and other parameters. Includes stations like RIGZ, CNZG, NMHZ, WHHZ, etc.

IDC 06 20:26:04.3.2.1, 6.40s, 129.58E, h0km, mb3.3/1, mb1 3.6/4, mb1mx3.4/20, mbtmp3.4/4, ML3.5/3, Error ellipse: s-maj=86.8km s-min=27.9km az=76.0, Banda Sea

ISCJBJ 06 21:16:50.9.0.5, 36.51N, 0.03.5.96W, h0.02, h58km, 5km, Error ellipse: s-maj=5.8km s-min=2.6km az=6.9

Table with columns: ELUO, Luque, 1.79 49, Pn, 21 17 20.3 +1.3, etc. Includes stations like Luque, Barranco-do-Ve, Barrancos, Castro Verde, etc.

Table with columns: EHUE, Montargil, 3.22 327, Pn, 21 18 10.3 -1.1, etc. Includes stations like Montargil, Marv??o, Castelo Branco, etc.

Table with columns: DJA 06 21:19:06, 1.0, 5, 3, N, 3, 9, 8, E, etc. Includes stations like KCSI, PSI, TPTI, WRA, etc.

IDC 06 21:19:00.3, 1.6, 2.78N, 97.87E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.4/26, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=34.2km s-min=14.6km az=14.0

7d Oh

0.7m,0.7s,baz=17,slow=3.6,SNR=5.2
TORD Torodi Ar. Bea 164.43 276 PKP
TORD Torodi Ar. Bea 164.43 276 PKP
TORD Torodi Ar. Bea 164.43 276 PKP

IDC 06 21:50:06.4:17.0,0.142S:122.15E,h0km,mb3.3/3,
mb1 3.5/3,mb1mx3.2/2,mbtmp3.4/3,Error ellipse:
s-maj=437.6km s-min=241.6km az=40.0,Minahassa
Peninsula, Sulawesi

GUC 06 21:50:35.7:0.2,21.84S:68.68W,h142km,2km,ML3.8,2D,
Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include WARR Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, GUC 06 21:50:35.7:0.2,21.84S:68.68W, etc.

MEX 06 22:02:46.4:0.5,16.03N:96.57W,h46km,11km,MD3.9,
Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HUIG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, etc.

IDC 06 22:30:28.2:0.4,9.71N:92.01E,h0km,mb4.1/8,mb1 4.2/9,
mb1mx3.8/28,mbtmp4.0/9,ML4.2/1,Error ellipse:
s-maj=49.9km s-min=16.1km az=58.0,
ISCJB 06 22:30:30.5:0.9,9.81N:92.1E,2.2,h28km,mb3.9/8,
Error ellipse: s-maj=26.2km s-min=14.8km az=153.4
ISC 06 22:30:32.7:0.9,9.81N:92.1E,2.2,h28km,n13,
+07712,mb4.0/8,Nicarobar Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

CASC 06 22:46:06.1:1.0,13.27N:90.16W,h28km,4km,MD3.5,3D,
Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SBL S San Blas, RTR EI Retiro, SNJE San Jose, etc.

IDC 06 22:49:23.4:1.3,12.88N:87.48W,h0km,mb3.9/6,
mb1 4.3/7,mb1mx3.9/24,mbtmp3.9/7,ML3.4/2,MS3.4/1,
Ms1 3.4/1,ms1mx2.7/30,Error ellipse: s-maj=45.3km
s-min=14.4km az=48.0,
ISCJB 06 22:49:30.1:0.4,12.92N:87.72W,0.06,h81km,5km,
mb3.9/8,Error ellipse: s-maj=13.4km s-min=5.5km
az=40.0,
CASC 06 22:49:30.9:1.6,12.53N:87.79W,h32km,8km,MD4.2,
ML4.2
NEIC 06 22:49:30.4:1.1,12.58N:87.75W,h74km,11km,mb4.2/2,
Error ellipse: s-maj=22.7km s-min=10.1km az=47.0,
ISC 06 22:49:30.4:1.1,12.58N:87.75W,0.07,h71km,9km,
n4,+1926/47,mb4.0/8,1C-5D,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CNCH Conchagua, VSM San Miguel, CNCH Cerro Negro, etc.

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HUEN 1.59 99 J/P Pn 22 49 56.1 -0.5
LFRS El Faro 1.62 310 eP Pn 22 49 57.4 +0.3
LBR5 Las Brisas 1.68 313 eP Pn 22 49 58.7 +0.8

BOQS Boqueron 1.86 308 eP Pn 22 50 01.1 +0.7
SNJE San Jose 2.19 306 eP Pn 22 50 05.8 +1.0
RTR EI Retiro 2.24 306 eP Pn 22 50 07.7 +1.2

JTS JuntasAbangare 3.59 129 Pn 22 50 24.0 +0.3
JTS JuntasAbangare 3.59 129 Pn 22 51 07.3 +2.4
JTS JuntasAbangare 3.59 129 Pn 22 51 22.1 -1.6

JCR Jicaral 3.77 136 eP Pn 22 50 26.6 +0.3
CGAZ Cerro Gallo 2 4.13 128 eP Pn 22 50 33.9 +2.6
URSC Urasca 4.78 124 eP Pn 22 51 26.0 -8.4

SCHO Schefferville 45.25 17 P P 22 57 39.6 -1.0
SCHO Schefferville 45.25 17 P P 22 57 39.6 -1.0
ILAR Eielson Array 65.77 336 P P 23 00 07.1 -0.6

MEX 06 22:50:19.1:0.5,16.55N:95.61W,h16km,21km,MD4.0,
Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HUIG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, etc.

KNET 06 23:09:08.2:0.4,42.08N:75.34E,h9km,3km,m11.7,Error
ellipse: s-maj=3.6km s-min=2.4km az=12.0
NNC 06 23:09:10.8:3.5,42.16N:75.36E,h0km,mb2.7,mpv2.5,
Error ellipse: s-maj=24.2km s-min=20.5km az=108.0
SMOIC 06 23:09:11.1:3.4,42.03N:0.07:75.33E,0.03,h8km,7km,
n12,+052/19,7C-13D,Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KZA Kyzart, KBK Karagaybulak, ULHL Ulahol, etc.

AML Alamyusha 1.22 275 P P 23 09 31.2 -0.3
EK52 Erkin-Say 1.31 299 P P 23 09 33.1 +0.1
USP Osperovka 1.37 334 P P 23 09 34.0 +0.4

KNDC Almaty 1.69 45 P P 23 09 39.1 +1.0
KN31 Koratay Array 3.71 288 P Pn 23 10 13.4 -0.5
KK31 0.4m,0.3s,baz=105,slow=28,SNR=2.9

IDC 06 23:34:48.0:0.9,10.02N:86.91E,h0km,mb3.7/7,
mb1 3.9/7,mb1mx3.6/26,mbtmp3.7/7,MS3.2/2,Ms1 3.3/2,
ms1mx2.7/36,Error ellipse: s-maj=28.5km s-min=22.4km
az=168.0,
ISCJB 06 23:34:48.5:0.8,10.1N:0.2:86.9E,0.1,h13km,mb3.6/8,
MS3.2/2,Error ellipse: s-maj=24.0km s-min=19.4km

ISC 06 23:34:50.1:0.9,10.1N:0.2:86.9E,0.2,h13km,n12,
+15177,mb3.7/8,Carlberg Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H08N2 Diego Garcia H, H08N1 Diego Garcia H, KBZ Khabz, etc.

ASAR Alice Springs 82.32 116 P P 23 47 12.0 -0.2
0.3m,0.6s,baz=292,slow=4.9,SNR=5.5

MEX 06 23:43:03.0:0.6,16.70N:98.52W,h20km,71km,MD3.7,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PNIG Pinotepa, VHO Kakadu, TLIG Tlapa, etc.

IDC 07 00:00:55.4:1.9,6.97S:129.39E,h0km,mb4.1/1,
mb1 4.4/3,mb1mx3.8/19,mbtmp4.2/3,ML4.4/2,Error
ellipse: s-maj=114.5km s-min=30.5km az=68.0,Banda
Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MTN Manton Dam, KDU Kakadu, KNRA Kununurra, etc.

IGQ 07 00:15:14.5,3.64S:79.97W,h12km,116km,MB4.1,MS3.9,
7C-1D,Error ellipse: s-maj=21.9km s-min=6.4km
az=23.1,Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MACE Macas, RIOE Riobamba, RIOE Riobamba, etc.

IDC 07 00:19:53.2:0.5,10.64N:123.89E,h0km,mb4.2/22,
mb1 4.3/22,mb1mx4.2/29,mbtmp4.1/22,MS3.3/4,
Ms1 3.4/4,ms1mx3.0/34,Error ellipse: s-maj=21.7km
s-min=12.3km az=74.0,
MAN 07 00:19:55.10:72N:123.89E,h12km,mb5.0,ML3.9,MS4.0
MAN INTENSITY IV - TUBURAN CEBU, INTENSITY III - CEBU
CITY, INTENSITY I - CANLON CANYON,
ISCJB 07 00:19:56.8:0.7,10.71N:0.03:123.90E,0.03,h33km,5km,
mb4.2/29,MS3.5/3,Error ellipse: s-maj=5.6km
s-min=4.6km az=145.6,
NEIC 07 00:19:58.3:0.3,10.66N:123.89E,h35km,mb4.5/8,Error
ellipse: s-maj=13.7km s-min=7.1km az=68.0,
NEIC Felt [IV PIVS] at Tuburan, [III PIVS] at Cebu City and [II
PIVS] at Canlon, Cebu,

AUST 07 00:20:19.1:1.62,0.9,111N:128.14E,h21km,2km,Error
ellipse: s-maj=1.1km s-min=0.2km az=314.0,
PVCFC 07 00:19:56.7:0.4,10.73N:0.03:123.89E,0.04,h21km,3km,
n99,+1912/105,mb4.3/29,MS3.6/3,5C-2D,Cebu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include LLP Lapu-Lapu, OCLP Omboc, OCLP Omboc, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSAR Wunjuj Array Be, USRK Ussuriysk Arra, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AB31 comp=E,2.6nm,0.4s,baz=124,slow=12,SNR=87, BVA0 Borovoye Array, BVAR Borovoye Array, etc.

CASC 07 00:42:09.2-2,1170N,087°32'W,h36km,999km,MD3.9, 1C-1D,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like COPN Copaltepe, CNGN Cerro Negro, CNCH Conchagua, etc.

ISCJB 07 00:41:34.4-0.3,38°04'N,0°03'73.57E,0°06,h140km, mb3.8/13, Error ellipse: s-maj=7.1km s-min=3.5km az=161.8

IDC 07 00:41:36.9-2.7,38°10'N,73°70'E,h156km,24km,mb3.4/12, mb1.3/17,mb1mx3.4/32,mbtmp3.8/17, Error ellipse: s-maj=21.7km s-min=13.7km az=8.0

NCC 07 00:41:43.4-2.9,38°09'N,73°40'E,h209km,24km,mb3.2, mb4.6/21, Error ellipse: s-maj=28.2km s-min=12.7km az=179.0

ISC 07 00:41:35.0-6.0,38°00'N,0°05'73.63E,0°08,h140km,m59, @167/61,mb3.7/13,5C-7D,Tajikistan

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

IDC 07 01:11:53.3-1.1,7°22'S,107°19'E,h0km,mb3.8/9, mb1.4/0.9,mb1mx3.9/22,mbtmp3.9/9,MS3.3/4,Ms1.3/3.4, ms1mx3.0/31, Error ellipse: s-maj=63.8km s-min=16.2km az=46.0

NEIC 07 01:11:58.3-3.0,7°87'S,107°14'E,h35km,21km,mb4.4/11, Error ellipse: s-maj=10.7km s-min=7.8km az=216.0

AUST 07 01:15:8.2,8°37'S,107°38'E,h5km, Error ellipse: s-maj=7.9km s-min=5.6km az=25.8

DJA 07 01:12:01.4-0.9,8°55'S,107°17'E,h22km,8km,MM,7/14, mb5.1/1,MLV4,4/14

ISC 07 01:12:00.6-1.0,8°18'S,107°14'E,0°04,h55km,10km, n77,r,151/65,mb4.1/19,MS3.1/3,Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CISI Cisompet, SKJI Sukabumi, CMJJI Cukarak, etc.

IDC 07 00:25:16.6-0.7,22°15'N,145°03'E,h0km,mb4.0/15, mb1.4/2.18,mb1mx4.1/32,mbtmp4.0/18,ML4.0/3,MS3.5/5, Ms1.3/6.5,ms1mx3.2/27, Error ellipse: s-maj=22.2km s-min=14.8km az=83.0

ISCJB 07 00:25:21.3-0.5,22°18'N,0°06:144.9E,0.1,h44km, mb4.1/18,MS3.6/4, Error ellipse: s-maj=17.3km s-min=7.5km az=159.3

NEIC 07 00:25:21.9-0.5,22°20'N,144°98'E,h35km,mb4.4/3, Error ellipse: s-maj=15.1km s-min=9.5km az=70.0

ISC 07 00:25:22.9-0.7,22°17'N,0°10:145.0E,0.1,h44km,m48, @60/44,mb4.0/18,MS3.6/4,Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, CBJJ Chichi jima, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KKR Kurukshetra, AYAN Aya Nagar, AYAN Kundal, etc.

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

2009 NOV

7d 3h

Table with columns: STKA, Stephens Creek, 39.75 131 P, P, 01 19 30.4 +2.2, etc. Lists various station names and coordinates.

Table with columns: SIGR, Bally, 1.16 25 eP, Sn, 01 35 01.9 -0.3, etc. Lists station names and coordinates.

Table with columns: FITZ, 0.1nm, 0.3s, baz=32, slow=13, SNR=5.5, S, Sn, 02 44 24.0 -7.7, etc. Lists station names and coordinates.

IDC 07 01:14:02.9:17.0, 1.0:55S-166.06E, h128km, 177km, mb3.5/7, mb1 3.8/8, mb1mx3.5/20, mbtmp3.6/8, ML4.1/1, Error ellipse: s-maj=127.6km s-min=23.5km az=162.0, Santa Cruz Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Santa Cruz Islands.

IDC 07 01:20:45.9:16.0, 21.06S-174.19W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.9/21, mbtmp4.1/5, Error ellipse: s-maj=131.4km s-min=153.0km az=82.0, Tonga Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Tonga Islands.

BGS 07 03:13:37.8:2.6, 35:77N:32:34E, h83km, mb4.9, BUJ 07 03:13:40.9, 35:93N:31:88E, h73km, mb5.0/6, mb4.7/11, ISCJB 07 03:13:41.7:0.1, 36:03N:01:31:79E:0:01, h84km, 2km, mb4.4/8.5, Error ellipse: s-maj=2.3km s-min=1.6km

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

IDC 07 01:32:53.5:2.3, 4:30S-144.96E, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.3/16, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=123.3km s-min=34.6km az=125.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Near north coast of New Guinea.

PGC 07 01:58:37.5:3.1, 50.66N-130.31W, h10km, MLN2.8/5, Mw3.5/5, 3D, 204km west of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Vancouver Island region.

ISC 07 01:34:27.0-9, 38:69N:02:26:99E:0:02, h12km, 8km, n105, o081/129, Aegean Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Aegean Sea.

ISC 07 01:34:26.4, 38:71N:26:92E, h7km, ML3.3, ISCJB 07 01:34:27.5:0.5, 38:69N:02:26:99E:0:03, h9km, 4km, Error ellipse: s-maj=3.3km s-min=2.9km az=174.9, CSEM 07 01:34:27.9:0.1, 38:69N:26:97E, h10km, ML3.3, Error ellipse: s-maj=3.0km s-min=2.4km az=88.0, DDA 07 01:34:27.2, 38:68N:26:98E, h7km, ML3.5, THE 07 01:34:28.1, 38:66N:26:98E, h11km, 2km, ML3.2/3, Error ellipse: s-maj=2.8km s-min=0.7km az=237.0, ISC 07 01:34:27.0-9, 38:69N:02:26:99E:0:02, h12km, 8km, n105, o081/129, Aegean Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Aegean Sea.

IDC 07 02:01:4.4:1, 18:02S-177.92W, h663km, 85km, mb2.9/3, mb1 3.2/3, mb1mx2.8/18, mbtmp2.9/3, Error ellipse: s-maj=250.5km s-min=24.4km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Fiji Islands region.

ISC 07 02:37:57.8:0.4, 2:98S:0:04:129:84E:0:06, h25km, mb4.2/9, MS3.0/1, Error ellipse: s-maj=8.0km s-min=5.9km az=177.9, NEIC 07 02:38:03.2:2.4, 3:07S:129:83E, h55km, 23km, mb4.4/7, Error ellipse: s-maj=2.1km s-min=8.2km az=223.0, IDC 07 02:38:04.0:4.4, 3:13S:129:82E, h63km, 43km, mb3.8/6, mb1 4.0/8, mb1mx3.7/22, mbtmp3.8/8, ML3.9/2, MS3.1/1, Ms1 3.1/1, ms1mx2.6/28, Error ellipse: s-maj=50.8km s-min=12.6km az=68.0, DJA 07 02:38:04.0:1.9, 3:5S:13:0E, h53km, 52km, M4.1/4, AUST 07 02:38:05.5, 3:48S:130:51E, h10km, ISC 07 02:37:59.5:0.6, 2:93S:0:05:129:98E:0:06, h25km, n39, o169/42, mb4.3/9, Seram

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Seram.

ISC 07 03:13:43.2:0.4, 36:04N:0:03:31:81E:0:02, h76km, 4km, h76km, PP-P, n815, o1928/886, mb4.6/5, 33C-21D, Turkey

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for Turkey.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, etc. Lists station data for various locations.



Table of flight data for 2009 NOV, starting with ASP and ending with AKS. Columns include flight code, destination, time, status, and other codes.

Table of flight data for 2009 NOV, starting with BNN and ending with GELI. Columns include flight code, destination, time, status, and other codes.

Table of flight data for 2009 NOV, starting with HHAG and ending with IBST. Columns include flight code, destination, time, status, and other codes.

2009 NOV

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Bostanabad, Buzias, Timpagrande, Heris, Komasi, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GEC2, GERES, KSP, ISAD, KHC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ORIF, Echery, Champ du Feu, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NLA1 Namlea, KDM Kudat, KKM Kota Kinabalu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like HNR Honiara, DZM Mont Dzumac, MSVF Nonsavu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NOA NORSAR Array S, SFJD Kangerlussuaq, FINES FINESS Array B, etc.

ISC/JB 07 05:06:28.9.0.4, 79.22N, 0.07:2.9E:0.2, h10km, mb3.8/16, MS3.8/2, Error ellipse: s-maj=9.7km s-min=6.4km az=11.4

CSEM 07 05:06:29.7.0.6, 79.32N, 0.2:4.4E, h2km, mb4.1/4, Error ellipse: s-maj=9.7km s-min=7.5km az=19.0

IDC 07 05:06:29.7.0.6, 79.32N, 0.3:11.1E, h0km, mb3.8/14, MS1.3/6.4, ms1mx3.1/30, Error ellipse: s-maj=15.7km s-min=1.1km az=35.0

NEIC 07 05:06:30.7.0.5, 79.28N, 2.74E, h10km, mb4.1/4, Error ellipse: s-maj=11.6km s-min=8.9km az=203.0

ISC 07 05:06:30.8.0.5, 79.24N, 0.07:2.63E:0.04, h10km, n93, i=147.92, mb3.9/16, Greenland Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SART Tekirdag, SART SART, CRTL Corlu, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ENEZ, BALLY, MDNY, ISK, BALB, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MESH, MESH, MS1, NOCI, NOCI, etc.

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

SKO 07 05:44:15.1, 42.74N, 18.37E, h2km, M2.7, ML3.3
ISC/B 07 05:44:16.0, 3.42, 69N, 0.01, 18.55E, 0.02, h13km, 2km,
Error ellipse: s-maj=2.4km s-min=1.9km az=35.8

MESH 678nm, 1.1s
MESH Mesagne 2.16 195 Pn Pn
MESH Mesagne 678nm, 1.1s
MS1 Monte Sant'Ang 2.20 245 ePn Pn

PKST 05 45 18.4 -0.8 esn Sn
PKST T's 4.60 355f ePn Sn
PKST 05 44 52.3 -0.5 esn Sn

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists various stations like BRY, BRY, BRY, etc.

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

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

MESH Mesagne 2.16 195 Pn Pn

PKST T's 4.60 355f ePn Pn

PKST 05 45 22.2 +0.8 esn Sn

IDC 07 06:43:37.8, 1.7, 2.12N, 124.41E, h0km, mb3.6/5,
mb1 3.8/5, mb1mx3.6/23, mbmt3.6/5, Error ellipse:
s-maj=116.0km s-min=24.6km az=66.0, Celebes Sp.

IDC 07 06:43:37.8, 1.7, 2.12N, 124.41E, h0km, mb3.6/5,
mb1 3.8/5, mb1mx3.6/23, mbmt3.6/5, Error ellipse:
s-maj=116.0km s-min=24.6km az=66.0, Celebes Sp.

IDC 07 06:43:37.8, 1.7, 2.12N, 124.41E, h0km, mb3.6/5,
mb1 3.8/5, mb1mx3.6/23, mbmt3.6/5, Error ellipse:
s-maj=116.0km s-min=24.6km az=66.0, Celebes Sp.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists stations like FITZ, FITZ, WITZ, etc.

7d 9h

Table with columns: PCJ, Pacitan, Pagerwojo, Wonogiri, Jawa, Sawah, Wanagama, Karangates, Yogyakarta, Semarang, Gumukmas, Karang Pucung. Includes station names, coordinates, and status.

ISCJB 07 07:01:24.0.0.7, 2.26N:0.09, 128.2E:0.3, h150km, mb3.7/7, Error ellipse: s-maj=38.8km s-min=11.3km az=171.5

IDC 07 07:01:27.5.2.1, 2.28N:128.46E, h168km, mb3.6/8, mb1 3.7/8, mb1mx3.5/21, mbtmp3.6/8, Error ellipse: s-maj=44.3km s-min=10.8km az=77.0

AUST 07 07:02:32.7.0.0, 2.23N:128.98E, h557km, Error ellipse: s-maj=3.3km s-min=2.3km az=295.0

ISC 07 07:01:25.4.0.2, 2.26N:0.10, 128.3E:0.3, h150km, n16, r150/21, mb3.8/7, Halmahera

Main table for 7d 9h section, listing station names, coordinates, and status for various locations like KADU, KNRA, FITZ, WRA, ASAR, MEEK, MJAR, BBOO, STKA, etc.

IDC 07 07:10:01.1.1, 37.75N:14.11E, h0km, mb3.6/6, mb1 3.6/10, mb1mx3.5/32, mbtmp3.6/10, ML3.3/4, MS3.4/1, Ms1 3.4/1, ms1mx2.6/35, Error ellipse: s-maj=30.5km s-min=23.8km az=39.0

LDG 07 07:10:05.0.0.2, 37.63N:13.76E, h30km, mb3.5/5, Error ellipse: s-maj=4.5km s-min=2.8km az=32.0

ROM 07 07:10:05.5.0.2, 37.63N:13.85E, h34km, ml, M4.1/29, Error ellipse: s-maj=2.9km s-min=2.5km az=52.0

CSEM 07 07:10:06.2.0.2, 37.65N:13.88E, h32km, ML4.1, Error ellipse: s-maj=4.7km s-min=3.3km az=27.0

BEO 07 07:10:14.5.1.1, 38.36N:14.68E, h0km, ML3.9/4, Error ellipse: s-maj=3.3km s-min=2.3km az=295.0

Main table for 7d 9h section, listing station names, coordinates, and status for various locations like RESU, ALJA, CSLB, GIB, PLLN, FAVR, GALT, CORL, RAFF, ECVN, MNO, CRJA, HVZN, ESLS, MTGR, IACL.

2009 NOV

Main table for 2009 NOV section, listing station names, coordinates, and status for various locations like IACL, HCRL, HCRH, SSS, SSY, AGST, VPL, LLI, HAVL, MILZ, MSRU, MTG, STRA, CEL, MPAZ, SOI, JOPP, WDD, PLAC, SERS, BULG, TIP, CUC, CMR, KEST, STON, PGF, PDG, SJES, SELS, SOSP, DIVS, LMR, FRF, GRUS, ZAPS, MBDF, SMRF, IDI, ORIF, DAVO, VIVF, GERES, MLR, MDT, EKA, HFS, NB2, NOA, FINES, MKAR.

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comp=Z.0.4nm,0.4s,baz=284,slow=7.4,SNR=12, SOHM Songoing Array 64.77 48 P 07 20 39.4 -1.4

B/JJ 07 07:18:58.8, 25.96N:102.00E, h10km, ML3.3/4, IDC 07 07:18:57.7, 1.6, 25.91N:102.04E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.3/26, mbtmp3.3/4, Error ellipse: s-maj=81.9km s-min=23.4km az=67.0, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONGM, MKAR, WRA, ASAR.

MAN 07 07:24:21, 18.28N:120.56E, h1km, mb3.8, ML2.5, MS2.1, 1, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIPP, ABRA, APYV, CAUP.

IDC 07 07:34:59.0.8.3, 52.44N:154.39E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.4/26, mbtmp3.6/5, Error ellipse: s-maj=283.6km s-min=27.9km az=62.0, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB, MKAR, BVAR, WRA, ASAR.

IDC 07 07:53:28.7.1.4, 14.62S:173.62W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/18, mbtmp3.8/3, Error ellipse: s-maj=178.8km s-min=24.5km az=159.0, Samoa Islands region

Main table for 2009 NOV section, listing station names, coordinates, and status for various locations like AFI, H1S2, H1S3, H1S1, H1N1, H1N2, STKA, WRA, WRA, ASAR.

IDC 08 08:28:08.9.1.0, 18.20S:174.34W, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/20, mbtmp3.8/6, ML1.8/1, Error ellipse: s-maj=43.5km s-min=20.3km az=133.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, WRA, ASAR, NVAR, ILAR, BRTR.

IDC 07 09:07:34.0.1.2, 22.17N:145.25E, h0km, mb3.4/5, mb1 3.7/6, mb1mx3.5/26, mbtmp3.5/6, ML4.1/1, Error ellipse: s-maj=42.7km s-min=20.9km az=86.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, JCJ, KRSR, WRA, ASAR, MKAR, ILAR.

IDC 07 09:37:22.1.0.6, 2.69S:119.88E, h0km, mb4.4/13, mb1 4.5/15, mb1mx4.3/26, mbtmp4.4/15, ML3.6/2, MS3.7/11, Ms1 3.8/11, ms1mx3.5/35, Error ellipse: s-maj=34.4km s-min=11.6km az=64.0

B/JJ 07 09:37:22.8, 2.80S:119.60E, h9km, mb5.2/6, mb4.7/13, Ms4.9/1, Ms7.4/71

ISCJB 07 09:37:23.7.0.7, 2.82S:0.03, 119.70E:0.03, h13km, 5km, mb4.5/32, MS3.6/9, Error ellipse: s-maj=5.6km s-min=4.0km az=161.3

NEIC 07 09:37:23.5.0.3, 2.74S:119.86E, h10km, mb4.6/8, Error ellipse: s-maj=13.8km s-min=5.2km az=63.0

DJA 07 09:37:25.6.0.2, 3.2S:121.0E, h10km, M4.9/15, mB5.2/1, mb4.6/15, MLvs.0/1, Mw(mB)4.6/1

MOS 07 09:37:25.2.1.2, 2.12E:119.83E, h33km, mb4.8/12, Error ellipse: s-maj=23.7km s-min=9.2km az=117.9

BKK 07 09:37:26.7.0.4, 3.5S:121.0E, h10km, M4.7/14, mB5.5/4, mb4.7/14, MLv.4.7/2, Mw(mB)4.9/4

AUST 07 09:37:29.0, 3.00S:119.50E, h35km, Error ellipse: s-maj=25.0km s-min=6.2km az=133.0, n116, r159/119, mb4.6/32, MS3.6/9, 1D, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TTSI, MMSI, MMSI, MJSI.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power. Includes stations like Sidrap Palu, Kappang, Ampana, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power. Includes stations like AAK Ala-Archa, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power, Station Name, Azimuth, Elevation, Frequency, Power. Includes stations like KSP Ksiaz, DPC Dobruska-Polom, BRG Berggiesshubel, etc.

7d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOLS Kolonickie sedl, BLEU Bleikinge, KBA Koelnbreinsper, etc.

ICD 07 09:52:08.3.1.3, 1.37N, 121.80E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.4/23, mbtmp3.4/5, ML3.6/1, Error ellipse: s-maj=138.8km s-min=20.3km az=64.0

DJA 07 09:52:10.4.2.5.2, N.21 x 12.2Ei, h10km, MA2/3, ML4.2/2

ISCJB 07 09:52:11.2.1.0, 1.61N, 102.09E, h0.93km, mb3.4/4, Error ellipse: s-maj=13.8km s-min=12.0km az=23.7

ISC 07 09:52:13.5.1.1, 1.5N, 101.122E, h0.1, h35km, n9, c1955/9, mb3.5/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, TOLI Toli-Toli, APSI Ampana, etc.

DJA 07 09:58:19.5.0.5.3, S.3 x 12.0Ei, h10km, M3.8/6, MLV3.8/6, ICD 07 09:58:21.3.1.2, 2.92S, 119.71E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/21, mbtmp3.7/6, MS3.2/1, Ms1 3.4/1, ms1mx2.8/41, Error ellipse: s-maj=60.4km s-min=16.9km az=70.0

ISC 07 09:58:19.5.1.5, 2.83S, 105.1197E, h0.05, h1km, n11km, n15, c127/17, mb3.6/5, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TTSI Tana Toraja, MMSI Mamuju, MMSI Majene, etc.

ICD 07 10:14:05.8.2.3, 21.67N, 143.78E, h179km, mb19km, mb3.4/13, mb1 3.5/15, mb1mx3.4/28, mbtmp3.4/15, Error ellipse: s-maj=27.0km s-min=12.0km az=68.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MAT Matsushiro, JUNU Natsusue, etc.

2009 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR 0.6nm, 0.4s, baz=137, slow=2.6, SNR=8.8, ILAR Einstein Array, YKA Yellowknife Ar, etc.

ICD 07 10:22:50.0.1.7, 27.76S, 133.43W, h0km, mb4.1/4, mb1 4.1/4, mb1mx3.8/19, mbtmp4.1/4, MS3.5/3, Ms1 3.4/3, ms1mx3.2/27, Error ellipse: s-maj=55.4km s-min=31.3km az=7.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDRI, H10S3 ASCENSION HYDRI, H10S1 ASCENSION HYDRI, etc.

ICD 07 10:32:03.0.1.1, 6.56S, 129.67E, h0km, mb4.2/7, mb1 4.4/10, mb1mx1.4/21, mbtmp4.3/10, ML4.6/3, MS4.7/1, Ms1 4.7/1, ms1mx3.0/34, Error ellipse: s-maj=49.8km s-min=17.9km az=67.0

ISCJB 07 10:32:19.6.0.5, 7.09S, 0.05, 129.24E, h0.06, h156km, mb3.9/7, Error ellipse: s-maj=9.0km s-min=6.8km az=156.4

AUST 07 10:32:20.5.7, 48S, 129.04E, h100km, DJA 07 10:32:20.4.0.5, 7.5S, 12.9E, h216km, 1.4km, MA.9/5, mb5.0/3, mb5.5/2, MLV4.9/5, MW(m)4.9/2

ISC 07 10:32:20.6.0.7, 7.06S, 108.1292E, h0.08, h156km, n31, c1939/27, mb4.0/7, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLE Tual, FAKI Fak Fak, SOEI Sok, MTN Mantion Dam, etc.

CSEM 07 10:33:34.2, 12.44N, 45.68E, h3km, ML3.8, After DHMR DHMR 07 10:33:34.2, 12.44N, 45.68E, h4km, 7km, ML3.8, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBOS 1.48 344, BDHA Al Bayda, BDHA Al Bayda, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLE Tual, MTN Mantion Dam, KDU Kakadu, etc.

BUI 07 10:42:42.0.8, 43S, 124.80E, h337km, mb4.6/22, mb4.3/31, MOS 07 10:42:47.1, 0.8, 7.50S, 124.12E, h313km, mb4.5/13, Error ellipse: s-maj=19.3km s-min=8.2km az=114.1

AUST 07 10:42:47.5, 0.3, 7.50S, 124.11E, h296km, Error ellipse: s-maj=0.8km s-min=0.7km az=286.0

ICD 07 10:42:48.6, 1.1, 7.46S, 124.16E, h313km, 12km, mb3.9/19, mb1 4.0/21, mb1mx3.9/26, mbtmp4.6/21, Error ellipse: s-maj=13.4km s-min=6.6km az=65.0

ISCJB 07 10:42:49.2, 0.3, 7.55S, 103.124, 20E, 0.03, h335km, 3km, mb4.3/50, Error ellipse: s-maj=5.2km s-min=3.5km az=143.6

DJA 07 10:42:50.2, 0.2, 8.5S, 12.4E, h321km, 4km, M5.2/5, mb5.2/5

NEIC 07 10:42:50.7, 0.7, 7.50S, 124.26E, h337km, 8km, mb4.6/13, Error ellipse: s-maj=11.3km s-min=5.1km az=60.0

BKK 07 10:42:51.9, 0.4, 8.5S, 12.4E, h353km, MA, 4.8/10, mb5.1/8, mb5.0/10, ML5.2/2, MW(m)4.4/8

ISC 07 10:42:51.5, 0.3, 7.62S, 104.124, 20E, 0.05, h344km, 3km, mb4.4/19, 23/4, mb4.2/50, 20, 30, 33, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, MMRI Maumere, BBSI Bau Bau, etc.

ICD 07 10:42:51.5, 0.3, 7.62S, 104.124, 20E, 0.05, h344km, 3km, mb4.4/19, 23/4, mb4.2/50, 20, 30, 33, Banda Sea

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



Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MTSU, MORW, PMG, FORT, BLDU, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KOLN, DANN, ASAJ, ASAH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CSEM, HAWK, MARH, etc.

ISDC 07 10:51:39.8-10.0, 18.18S-178.08W, h576km, 99km, mb3.2/mbl 3.4/5, mb1mx3.0/18, mbtmp3.0/5, Error ellipse: s-maj=117.4km s-min=37.6km az=130.0, Fiji Islands region

IDC 07 10:59:17.2-11.1, 13.49N-91.87W, h0km, mb4.2/6, mb1 4.5/9, mb1mx4.1/25, mbtmp4.2/9, ML4.3/3, Error ellipse: s-maj=22.5km s-min=17.1km az=138.0, CASCO 07 10:59:24.2-11.8, 13.62N-91.78W, h57km, 79km, MD4.1, ML3.6, NEIC 07 10:59:27.9-12.1, 13.81N-91.57W, h81km, 11km, mb4.2/16, Error ellipse: s-maj=15.3km s-min=8.0km az=49.0, NEIC, Feit at San Jose Finiula, BUJ 07 10:59:29.8, 14.00N-91.80W, h45km, ISDC 07 10:59:23.7-0.7, 13.86N-108.9179W, 0.08, h37km, n248, s150/251, mb4.2, 98C-79D, Near coast of Guatemala

7d 11h

Table with columns: Call Sign, Frequency, Power, Direction, and other technical details for stations in the 7d 11h band.

2009 NOV

Table with columns: Call Sign, Frequency, Power, Direction, and other technical details for stations in the 2009 NOV band.

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Table with columns: Call Sign, Frequency, Power, Direction, and other technical details for stations in the 256 band.

ADC 07 11:01:39.5:3.2, 16:33N\*121.25E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/22, mbtmp3.4/3, MS2.6/1, Ms1 2.6/1, ms1mx2.4/21, Error ellipse: s-maj=274.5km s-min=25.4km az=61.0

MAN 07 11:01:40.18:97N-121.21E, h1km, mb4.7, ML3.5, MS3.5, ICSB 07 11:01:41.8:1.3, 18:99N/0.08-121.15E:0.05, h10km, mb3.2/3, Error ellipse: s-maj=11.0km s-min=7.1km az=0.2

ISC 07 11:01:43.5:1.5, 18:87N/0.10-121.16E:0.05, h10km, n13, c1549/14, mb3.3/3, C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details for stations in the 256 band.

ADC 07 11:04:30.6:1.3, 13:48N-121.92W, h0km, mb4.2/7, mb1 4.6/10, mb1mx4.2/25, mbtmp4.3/10, ML4.2/3, MS4.0/14, Ms1 4.0/14, ms1mx3.8/30, Error ellipse: s-maj=24.1km s-min=17.5km az=148.0

ISCJB 07 11:04:36.9:0.5, 13:94N/0.07-91.74W:0.04, h33km, mb4.6/26, MS4.1/15, Error ellipse: s-maj=10.8km s-min=3.0km az=22.4

CASC 07 11:04:39.5:1.7, 13:71N-91.64W, h50km, 72km, MD4.1, ML3.6, mb4.5(NEIC)

NEIC 07 11:04:41.4:1.2, 13:84N-91.62W, h77km, 10km, mb4.5/20, Error ellipse: s-maj=14.2km s-min=7.1km az=46.7

BUI 07 11:04:41.3, 14:00N-91.70W, h76km, mb5.0/1, Ms7 4.3/6, ICS 07 11:04:35.9:0.7, 13:59N/0.08-91.87W:0.07, h37km, n461, c098/331, mb4.6/26, MS4.0/15, 137C-111D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details for stations in the 256 band.

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Table with 5 columns: APG, El Apazote, 1.95 44 Pn, Pn, 11 05 07.4 +0.7. Rows include APG, RTR, SBL, SNJE, SNET, LFRR, SNVI, CNCH, TGUH, TEIG, JTS, HKT, 732A, 632A, 631A, 532A, JCT, JCT, 531A, 530A, 432A, 431A, 628A, H06E1, WHTX, 529A, 627A, TXAR, TXAR, 332A, 430A, 331A, 429A, TIGA, 528A, 626A, 330A, 332A, 527A, 428A, 231A, LRAL, 526A, 230A, 329A, 427A, ABTX, ABTX, LP1G, 426A, 328A, 229A, 131A, 130A, 327A, 232A, 326A, 427A, MIAR, 425A, 231A, 227A, 128A, SDV, 230A, 325A, 324A, 229A, 226B, CLNB, Y31A, X33A, 127A, 324A, GD2L, Y30A, X32A, 228A, MNXT, 225A, WMOK, 126A, Y29A

2009 NOV

Table with 5 columns: SWET, Z27A, X31A, W34A, 224A, W33A, 125A, X30A, Y28A, W32A, Z26A, TUL1, MSTX, MSTX, X29A, Y27A, W31A, 124A, VVW, CPCT, Z25A, X28A, V33A, W30A, V32A, Y26A, AMTX, AMTX, PARMO, 123A, PBMO, TKL, TKL, TKL, Z24A, W29A, V31A, X27A, Y25A, 320A, 221A, KMSC, W28A, X26A, 122A, Z23A, W27A, Y24A, 220A, U31A, 121A, V29A, X25A, 319A, Z22A, W26A, V28A, Y23A, T33A, SIUC, U30A, V27A, X24A, U29A, 120A, T32A, Z21A, W25A, T31A, BNM, Y22A, Y22D, USIN, V26A, LPM, T30A, L3NM, Z20A, W24A, U27A, S32A, S31A, Y21A, Z12A, T29A, X22A, V25A, ANMO

7d 11h

Table with 5 columns: ANMO, WCI, W23A, U26A, SJG, V24A, S30A, T28A, Y20A, R33A, OLIL, X21A, T27A, S29A, W22A, U25A, R32A, S28A, R31A, V23A, R30A, U24A, T26A, X20A, W21A, KSU1, Q33A, Q32A, V22A, U23A, R29A, S26A, Q31A, W20A, R28A, V21A, T24B, U22A, R27A, Q29A, S25A, X18A, T23A, R25A, KSCO, U20A, Q26A, X16A, P28A, Z14A, P27A, P26A, MVCO, MVCO, S21A, R22A, Y14A, P25A, WUAZ, O27A, S20A, R21A, P23A, GLA, PV01, N27A, Y12C, IRM, MONP, K30A, PFO, O20A, Q16A, Q16A, MVU, N20Q, T20A, J28A, ARUT, L23A, J26A, I29A, K22A, H28A, I25A

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MPMP Manual Prospec, RSSD Black Hills, G28A Parade, R11A Troy Canyon, H25A Fruitdale, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MAN 07 11:08:34, 11.85N, 124.98E, h0km, mb4.3, ML3.2, MS3.0, 1C, Leyte, BESP Borongan, PLP Palo, etc.

AUST 07 11:13:59.2,38.0, 9.93S;165.97E, h0km,2km, Error ellipse: s-maj=3.8km s-min=1.7km az=29.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARIG Puente Sto Nin, ARIG Puente Sto Nin, IDC 07 12:26:50.3, 1.3, 31.173S;177.26W, h0km, mb4.1/5, etc.

IGQ 07 12:43:32.6, 1.48S;77.84W, h23km,30km, Mb4.3, Ms4.1, SC-3D, Error ellipse: s-maj=1.6km s-min=0.8km az=1.9,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ULBA Ulba, ULBA Ulba, BULB Ulba Tungurahu, etc.

IDC 07 11:17:39.4, 7.9, 36.143N; 71.13E, h183km,64km, mb3.2/3, mb1 3.2/6, mb1mx2.9/28, mbtm3.7/6, Error ellipse:

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISC/BJ 07 14:07:42.2, 0.8, 66.82N; 0.03; 135.70W; 0.09, h0km,6km, mb3.7/6, Error ellipse: s-maj=6.5km s-min=4.1km az=37.9

MEX 07 12:14:34.6, 0.8, 16.87N; 94.63W, h158km, 13km, MD4.2, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUIG Tuzandepet, TUIG Tuzandepet, PCIG Huatulco, etc.

Table with columns: WHY, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like Whitehorse, McCarthy VSAT, Bernard Glacie, etc.

INMG 07 14:08:11.3...1.5,35:34N;4:08W, h10km, ML2.3, Error ellipse: s-maj=6.4km s-min=4.5km az=1.0...

Table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like MPAL, Touzarine, Melilla, etc.

Main table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like EQES, EHUE, EBAN, EMIN, EMUR, etc.

Table with columns: MRL, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like Marmol, Robledal, El Retiro, etc.

NEIC 07 14:08:52.0-0.6, 14:86N;92:39W, h106km, 5km, mb4.2/9, MD4.2(MEX), Error ellipse: s-maj=13.7km s-min=6.4km az=203.0...

CASC 07 14:08:53.2-1.3, 14:93N;92:41W, h110km, 15km, MD4.0 MEX 07 14:08:54.7-0.7, 14:90N;92:69W, h90km, 10km, MD4.2...

Table with columns: Code, Station Name, Az, El, Sg, Pn, Time, Res. Includes stations like THIG, JATO, PCIG, etc.

7d 15h

Table of astronomical observations for 7 days and 15 hours, listing station names, coordinates, and observation details.

2009 NOV

Table of astronomical observations for 2009 NOV, listing station names, coordinates, and observation details.

IDC 07 14:20:35.7±2.1, 5.40S:150.13E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/1.5, mbtmp3.4/3, Error ellipse: s-maj=77.9km s-min=38.5km az=109.0, North Britain region

Table of astronomical observations for IDC 07 14:20:35.7±2.1, 5.40S:150.13E, listing station names, coordinates, and observation details.

IDC 07 14:24:21.0±3.7, 6.52S:146.78E, h0km, mb2.6/1, mb1 3.3/2, mb1mx3.1/1.4, mbtmp3.0/2, ML3.1/1, Error ellipse: s-maj=127.2km s-min=46.8km az=114.0, Eastern New Guinea region

Table of astronomical observations for IDC 07 14:24:21.0±3.7, 6.52S:146.78E, listing station names, coordinates, and observation details.

IDC 07 14:28:48.6±2.2, 30.58S:178.22W, h112km, 18km, mb3.7/3, mb1 3.9/4, mb1mx3.5/1.6, mbtmp4.1/4, Error ellipse: s-maj=57.8km s-min=25.0km az=120.0, Kermadec Islands

Table of astronomical observations for IDC 07 14:28:48.6±2.2, 30.58S:178.22W, listing station names, coordinates, and observation details.

MAN 07 14:52:34, 18.46N:120.69E, h32km, mb3.9, ML2.6, MS2.2, 2C, Luzon

Table of astronomical observations for MAN 07 14:52:34, 18.46N:120.69E, listing station names, coordinates, and observation details.

KRSC 07 14:55:04.0±7.4, 49.36N:156.90E, h5km, 5km, ML3.6, Kuril Islands

Table of astronomical observations for KRSC 07 14:55:04.0±7.4, 49.36N:156.90E, listing station names, coordinates, and observation details.

NEIC 07 15:02:45.8±0.2, 24.34S:179.82E, mb4.8/28, Error ellipse: s-maj=9.6km s-min=6.6km az=144.0, ISCJ/B 07 15:02:47.0±7.2, 4.9S:0.05:179.84E±0.05, h516km, 8km, mb4.5/52, Error ellipse: s-maj=8.5km s-min=6.4km az=164.8

IDC 07 15:02:47.6±1.0, 24.45S:179.93E, h509km, 10km, mb3.8/20, mb1 4.0/23, mb1mx4.0/2.4, mbtmp3.9/23, Error ellipse: s-maj=12.1km s-min=9.9km az=5.0, AUST 07 15:02:48.1±0.2, 24.25S:179.83W, h531km, Error ellipse: s-maj=1.8km s-min=1.2km az=280.0, BUJ 07 15:02:48.6±2.2, 22.5S:179.45E, h503km, mB.5/0.13, mb4.5/21

ISC 07 15:02:46.6±0.4, 24.42S:0.05:179.98E±0.06, h502km, 3km, h502km: p-P, n152, e139/207, mb4.6/52, 1D, South of Fiji Islands

Table of astronomical observations for ISC 07 15:02:46.6±0.4, 24.42S:0.05:179.98E, listing station names, coordinates, and observation details.

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Table of astronomical observations for 260, listing station names, coordinates, and observation details.

Table containing station data for Nanjing, USRK, SYO, MDJ, PSI, ISA, VNA2, TPH, GYA, WWRV, CCUT, KNB, PLCA, J08A, WUJAZ, G08A, XAN, KMI, CM01, CMAR, CHTO, Q16A, TMUT, MNX, HVU, SRU, DCU, TX31, TXAR, HHC, CD2, PV15, ILAR, PDAR, LZH, ZALV, MKAR, KSH, BOS, ARCES, FINES, TOR, NOA, AKASO, BR131, BRTR, BRTR, BRTR, TOR, TOR, TOR.

Table containing station data for TORD, FUNV, Northern Colombia, IDC 07 15:22:18.6, 5.1, 15:28S-172:49W, h0km, mb3.9/4, MAN 07 15:36:58, 7.04N, 126:40E, h79km, mb4.5, ML3.4, MS3.3, IDC 07 15:50:42.8, 2.1, 24:57S-179:79E, h548km, 26km, mb3.1/8, IDC 07 15:50:40.3, 0.8, 24:55N:01:17:99E:0.1, h517km, n13, DZM, URZ, URZ, RPZ, STKA, ASAR, WRA, WRA, WRA, PETK, NVAR, TXAR, ILAR, ARCES, FINES, TOR, IDC 07 15:53:40.0, 2.1, 46:55N-153:70E, h0km, mb3.6/3, ASAJ, ASAJ, MKAR, FINES, TOR, IDC 07 15:58:00.6, 0.3, 33:75N-105:136:97E:0:05, NIED 07 15:58:00.33, 80N, 136:90E, h400km, Mw4.2, IDC 07 15:58:01.0, 1.1, 33:73N-136:95E, h374km, 11km, JMA 07 15:58:01.6, 0.2, 33:79N-136:86E, h382km, 2km, M3.5, Honshu, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table containing station data for JWC, JAI, JYN, JODJ, JHJ2, JKG, JKG, JMN, JRY, JRY, MAT, BSO1, BSO1, JNU, JCU, JCU, KSR, KSR, KSR, ASAJ, ASAJ, SONM, ZMAR, ZALV, TAPN, MKAR, MKAR, MKAR, ODAN, RAMN, JIRN, GUN, PKI, PKIN, KKN, DMN, GKN, DANN, KOLN, KOLN, ILAR, ASAR, INK, STKA, ARCES, KAF, FINES, KBZ, NB2, NOA, BRTR, NVAR, PDAR, GERES, TOR, TOR, PMG, PMG, ASAR, ASAR, TOR, TOR, TAP 07 16:45:29.9, 23:78N-120:75E, h24km, ML3.7, 17C-15D, B, Taiwan, WNT, WNT, TYC, TYC, SMLT, SMLT, WKG, WKG, WGT, WGT, YUS, YUS, CHN2, CHN2, TCU, TCU.

7d 18h

Table with columns: Call Sign, Frequency, Mode, Band, Power, and other technical details for various stations.

2009 NOV

Table with columns: Call Sign, Frequency, Mode, Band, Power, and other technical details for various stations.

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Table with columns: Call Sign, Frequency, Mode, Band, Power, and other technical details for various stations.







Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BVAR, BRVK, BRFV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HIA, MYKOM, SVE, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBV, KISLOVODSK, KIV, etc.

7d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, SCER, KUZU, ERBA, etc.

2009 NOV

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

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TIXI, TIKSI, BALB, MCGM, etc.





Table with columns for call letters, name, frequency, time, and other details. Includes entries like COLA, ILAR, ELIELSON, etc.

Table with columns for call letters, name, frequency, time, and other details. Includes entries like BBB, BBTS, FFC, CASY, MAW, etc.

Table with columns for call letters, name, frequency, time, and other details. Includes entries like SNA, MNTX, 226B, etc.

CSEM 07 20:21:57.5, 0.7, 36.09N-29.67E, h2km, MD3.3, Error ellipse: s-maj=14.7km, s-min=6.2km, az=5.0

DDA 07 20:21:57.4, 35.97N-29.55E, h33km, MD3.0

ISK 07 20:22:03.7, 36.70N-29.60E, h10km, MD3.3

ISC 07 20:21:56.9, 1.6, 36.08N-0.05, 29.61E, 0.03, h1km, 1.1km, n58, e132/77, Turkey

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

ISC 07 20:31:53.3, 0.9, 15:25S-173:42W, h0km, mb4.0/7, mb1 4.2/7, mb1mx3.0/7, mbtbp4.0/7, Error ellipse: s-maj=37.9km, s-min=2.0km, az=124.0

ISC 07 20:31:55.9, 0.8, 15:1S-02:173W, 0.2, h29km, n16, e212/10, mb4.0/7, Tonga Islands

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

ISC 07 20:32:42.0, 1.1, 35:40N-140:38E, h0km, mb3.6/5, mb1 3.9/7, mb1mx3.7/26, mbtbp3.9/7, ML3.5/1, Error ellipse: s-maj=38.9km, s-min=19.9km, az=85.0

ISC/JB 07 20:32:47.9, 0.6, 35:34N-0:05, 140:48E, 0:07, h631km, 4km, mb3.6/5, Error ellipse: s-maj=9.1km, s-min=8.3km, az=10.8

JMA 07 20:32:48.0, 1.1, 35:40N-140:45E, h54km, 2km, ML3.3

Broadband fault plane solution, P waves. N1: 195.0000; N2: 194.0000; N3: 193.0000; P: 143.0000; Principal axes: T: P1(43.0000), Azm289.0000; N: P1(4.0000), Azm195.0000; P: P1(4.0000), Azm100.0000;

JMA Felt 1.1

ISC 07 20:32:48.0, 0.9, 35:32N-0:05, 140:52E, 0:06, h56km, 3km, n17, e174/22, mb3.7/5, 1C-3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the eastern Honshu region.

Table with columns: JIM2, JIM1, MAT, JAT, JCU, JCAJ, ASAJ, ZALV, MKAR, ILAR, WRA, ASAR. Lists seismic stations and their associated data.

WEL 07 20:48:43.9, 0.3, 37:56S-178:45E, h74km, 2km, ML3.9/5, Error ellipse: s-maj=2.9km, s-min=2.0km, az=90.0

IDC 07 20:48:47.3, 1.4, 37:50S-176:68E, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.6/16, mbtbp3.6/3, ML3.5/1, Error ellipse: s-maj=39.5km, s-min=15.7km, az=55.0

ISC 07 20:48:43.1, 1.2, 37:65S-0:06, 178:51E, 0:08, h83km, 7km, n82, e132/76, 2C-10D, Off east coast of North Island

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

AUST 07 20:55:42.5, 0.5, 6:38N-127:12E, h80km, Error ellipse: s-maj=8.6km, s-min=5.9km, az=174.0

NEIC 07 20:55:42.2, 1.8, 6:78N-126:96E, h73km, 15km, mb4.4/9, Error ellipse: s-maj=18.0km, s-min=7.6km, az=72.0

ISC/JB 07 20:55:43.9, 0.5, 6:38N-0:03, 126:79E, 0:05, h88km, 4km, mb4.3/32, Error ellipse: s-maj=8.1km, s-min=3.6km, az=162.9

ISC 07 20:55:43.8, 1.8, 6:86N-127:10E, h84km, 14km, mb4.0/16, mb1 4.1/16, mb1mx4.0/25, mbtbp4.0/16, MS3.3/1, Ms1 3.3/1, ms1mx2.8/32, Error ellipse: s-maj=27.9km, s-min=10.5km, az=76.0

DIA 07 20:55:43.6, 6:16N-126:81E, h65km, mb5.3, ML4.2, MS4.4

MAN 07 20:55:46.0, 0.8, 7:7N-127:12E, h88km, 6km, MS.3/13, mb5.7/7, mb5.4/13, ML5.4/2, Mw(mb)5.2/7

BUJ 07 20:55:48.8, 7:21N, 126:45E, h83km, mb4.9/12, mb4.6/20, Ms4.5/10, Ms7.4/3/10

ISC 07 20:55:44.8, 0.5, 6:59N-0:04, 126:76E, 0:06, h84km, 3km, n84km, pp-P, n148, e194/173, mb4.5/32, 12C-21D,

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

MBWA Marble Bar 28.42 194 eP P 21 01 30.7 -1.0

ENH Ensh 28.62 328 eP P 21 01 32.7 -0.7

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai Arr 29.55 296 P P 21 01 42.5 +0.6

CMAR Chiang Mai 29.55 296 P P 21 01 42.5 +0.6



Table with columns: STA, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Chengdu, Lanzhou, Hu-ho-hao-te, Morawa, Qulipie, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Warramunga Arr, Kuruchot Arr, Eielson Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TORO, BVAR, GRES, etc.

IDC 07 21:00:38.7-1.4, 19.47N-145.48E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/25, mbtmp3.7/4, Error ellipse:

7d 23h

Table with station names and coordinates: MKAR Makanchi Array, CMAR Chiang Mai Arr, ZALV Zalesovo Beam

Table with station names and coordinates: MAN 07 21:55:10, 10.48N:125.90E, h20km, mb4.6, ML3.4, MS3.4

Table with station names and coordinates: ISCJB 07 22:18:42.9, 0.4, 55.02N:103.165, 31E:0.04, h20km, mb3.5/5, Error ellipse: s-maj=5.0km s-min=3.1km az=158.2

Table with station names and coordinates: KRSC 07 22:18:42.7, 2.5, 55.06N:165.48E, h39km, mb3.8, ML4.6

Table with station names and coordinates: MOS 07 22:18:43.2, 0.8, 55.09N:165.46E, h29km, mb4.6/1, Error ellipse: s-maj=15.2km s-min=1.1km az=149.2

Table with station names and coordinates: ISC 07 22:18:43.0, 0.7, 55.09N:165.43E, 0.04, h20km, n56, r169/78, mb3.6/5, Komandorskiy Islands region

Main table for Komandorskiy Islands region with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s ISC

Table with station names and coordinates: PET Petropavlovsk, RUS Russkaya, PETK Petropavlovsk

Table with station names and coordinates: PETK Petropavlovsk, MTRV Mutnovka, GRL Gorelyy

Table with station names and coordinates: FX1 Attu Island-F, ASAK Asacha, APC Apacha

Table with station names and coordinates: PAU Pauzhetka, PAU Pauzhetka, SKR Severo-Kuril's, ASAJ Asahikawa

Table with station names and coordinates: ASAJ Eielson Array, ILAR Eielson Array, INK Inuvik

Table with station names and coordinates: H112 WAKE ISLAND Hy 35.32 178 T, H113 WAKE ISLAND Hy 35.33 178 T

Table with station names and coordinates: H111 WAKE ISLAND Hy 35.34 178 T, H1151 WAKE ISLAND Hy 36.53 178 T

Table with station names and coordinates: H1153 WAKE ISLAND Hy 36.54 178 T, H1152 WAKE ISLAND Hy 36.55 178 T

Table with station names and coordinates: MKAR Makanchi Array, MKAR Makanchi Array, NVAR Mina Array Bea

Table with station names and coordinates: PDAR Pinedale Array, ISC 07 22:23:13.6, 1.4, 6.32S:130.85E, h0km, mb3.7/3

Table with station names and coordinates: WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs

Table with station names and coordinates: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

Table with station names and coordinates: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

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Table with station names and coordinates: ASAR Stephens Creek, STKA Stephens Creek, MKAR Zalesovo Beam

Table with station names and coordinates: IDC 07 22:27:40.5, 3.2, 21.89N:143.58E, h187km, 29km, mb3.1/7, mb1 3.3/8, mb1mx3.1/26, mbtmp3.2/8, Error ellipse: s-maj=40.8km s-min=16.2km az=97.0, Mariana Islands region

Table with station names and coordinates: JCJ Chichijima, JCJ Warramunga Arr, KSRS Korea Array

Table with station names and coordinates: WRA Alice Springs, ILAR Gileas Array, YKA Yellowknife Arr

Table with station names and coordinates: ARCS ARCESS Array B, FINES FINES Array B

Table with station names and coordinates: ISCJB 07 22:31:09.5, 0.7, 29.85S:0.09:179.4W:0.1, h350km, mb3.9/6, Error ellipse: s-maj=16.1km s-min=10.6km

Table with station names and coordinates: IDC 07 22:31:10.2, 0.6, 29.60S:179.46W, h38km, mb3.8/6, mb1 3.9/7, mb1mx3.5/18, mbtmp3.8/7, Error ellipse: s-maj=18.5km s-min=16.1km az=154.0

Table with station names and coordinates: ISC 07 22:31:10.7, 0.7, 29.75S:0.1:179.4W:0.1, h350km, n18, r15/23, mb4.1/6, Kermadec Islands region

Table with station names and coordinates: RAO Raoul Island, RAO RAO, URZ Urewera

Table with station names and coordinates: URZ Urewera, STKA Stephens Creek, ASAR Alice Springs

Table with station names and coordinates: ASAR Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

Table with station names and coordinates: WRA Warramunga Arr, GSPA South Pole Qui, JNU Nakatsue

Table with station names and coordinates: PETK Petropavlovsk, MKAR Makanchi Array, ARCS ARCESS Array B

Table with station names and coordinates: KAF Kangasniemi, KAF Khabaz, FINES FINES Array B

Table with station names and coordinates: NB2 NORSAR Subarray, NOA NORSAR Array B

Table with station names and coordinates: AKASO Malin Array B, AKASO Malin Array B

Table with station names and coordinates: BRTR Keskin Array B, BRTR Keskin Array B

Table with station names and coordinates: TORO Torodi Arr, TORO Torodi Arr

Table with station names and coordinates: IDC 07 23:00:26.9, 1.0, 27.02N:89.22E, h0km, mb3.8/13, mb1 3.9/15, mb1mx3.8/29, mbtmp3.8/15, ML3.9/2, Error ellipse: s-maj=33.9km s-min=14.1km az=51.0

Table with station names and coordinates: NEIC 07 23:00:32.2, 1.3, 26.92N:89.18E, h41km, 14km, mb4.1/4, Error ellipse: s-maj=16.0km s-min=7.9km az=50.0

Table with station names and coordinates: DMN 07 23:00:33.0, 6.0, 26.99N:89.05E, h2km, M5.0/6, Error ellipse: s-maj=17.2km s-min=8.1km az=61.0

Table with station names and coordinates: ISC 07 23:00:40.0, 4.5, 27.02N:0.05:89.28E:0.04, h20km, 5km, n63, r144/68, mb3.9/15, 1D, Bthuan

Table with station names and coordinates: SLGI Shiliguri, TAPN Taplejung, TAPN Odare

Table with station names and coordinates: RAMN Ramite, RAMN Ramite, SHL Shillong

Table with station names and coordinates: SHL Shillong, JIRN Jiri, JIRN Jiri

Table with station names and coordinates: LSA Lhasa, GUN Gumba, GUN Gumba

Table with station names and coordinates: PKI Pulchok, PKIN Pulchok, KKN Kakani

Table with station names and coordinates: DMN Daman, BOK Bokarka, BOK Bokarka

Table with station names and coordinates: BOK Bokarka, DANN Danning, DANN Danning

Table with station names and coordinates: KOLN Koldanda, BWNR Bhuaneshwar, LGTI Lohaghat

Table with station names and coordinates: JBP Jabalpur, DDI Dehra Dun, DDI Dehra Dun

Table with station names and coordinates: DDI Dehra Dun, CHTO Chiang Mai Arr, CHTO Chiang Mai Arr

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Table with station names and coordinates: HYB Hyderabad, HYB Hyderabad, HYB Hyderabad

Table with station names and coordinates: HYB Hyderabad, POO Poona, ENH Enshi

Table with station names and coordinates: AAK Ala-Archa, AAK Ala-Archa, MK31 Makanchi Array

Table with station names and coordinates: MKAR Makanchi Array, MKAR Makanchi Array, KKAR Karatay Array

Table with station names and coordinates: KURBB Kurchatov Arr, KURK Kurchatov Arr, ULN Ulanbator

Table with station names and coordinates: ZALV Zalesovo Beam, ZALV Zalesovo Beam, BVAR Borovoye Array

Table with station names and coordinates: BVAR Borovoye Array, ABKAR Akbulak array, AKTO Aktyubinsk

Table with station names and coordinates: AKTO Aktyubinsk, KSAR Woujy Arr Be, KSRS Kureia Array

Table with station names and coordinates: USRK Ussuriysk Arr, FINES FINES Array B, FINES FINES Array B

Table with station names and coordinates: KAF Kangasniemi, ARCS ARCESS Array B, ARCS ARCESS Array B

Table with station names and coordinates: ARCS ARCESS Array B, NOA NORSAR Array B, NOA NORSAR Array B

Table with station names and coordinates: WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek

Table with station names and coordinates: ASAR Alice Springs, ILAR Eielson Array, ILAR Eielson Array

Table with station names and coordinates: ILAR Eielson Array, TORO Torodi Arr, TORO Torodi Arr

Table with station names and coordinates: GUC 07 23:11:34.3, 0.7, 31.56S:69.29W, h4km, 6km, MD3.7, ML3.3, 1C-3D, San Juan Province

Table with station names and coordinates: CMCH Combarbala, CMCH Combarbala, CMCH Combarbala

Table with station names and coordinates: TLL Tololo Astrono, TLL Tololo Astrono, CHNG Los Chungos

Table with station names and coordinates: CHNG Los Chungos, PEL Peldehue, PEL Peldehue

Table with station names and coordinates: ROCH El Roble, ROCH El Roble, ROCH El Roble

Table with station names and coordinates: LMEL Las Melosas, CHCH Chadas Angosto, CHCH Chadas Angosto

Table with station names and coordinates: ISCJB 07 23:11:59.5, 0.6, 40.34S:0.10:78.5E:0.2, h10km, mb4.1/1, MS4.1/15, Error ellipse: s-maj=18.4km s-min=13.9km az=17.0

Table with station names and coordinates: IDC 07 23:11:59.5, 0.9, 40.31S:78.46E, h0km, mb4.0/9, mb1 4.2/9, mb1mx4.0/21, mbtmp4.0/9, MS4.0/15, Ms1 4.0/15, ms1mx3.9/29, Error ellipse: s-maj=33.9km s-min=20.3km az=99.0

Table with station names and coordinates: NEIC 07 23:12:01.0, 1.0, 40.33S:78.45E, h10km, mb4.4/4, Error ellipse: s-maj=16.4km s-min=12.3km az=110.0

Table with station names and coordinates: ISC 07 23:12:01.6, 0.7, 40.45S:0.1:78.6E:0.2, h10km, n39, r131/23, mb4.2/11, MS4.1/15, Mid-Indian Ridge

Table with station names and coordinates: H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H

Table with station names and coordinates: MAW Mawson, MAW Mawson, NWAO Narragin (SRO)

Table with station names and coordinates: H0BS2 Diego Garcia H, H0BS1 Diego Garcia H, H0BS0 Diego Garcia H

Table with station names and coordinates: H0PS Ambohitrampito, BOSA Boshq, FITZ Fitzroy Crossi

Table with station names and coordinates: FITZ Fitzroy Crossi, ASAR Alice Springs, ASAR Alice Springs

Table with station names and coordinates: ASAR Alice Springs, VANDA Vanda, VANDA Vanda

Table with station names and coordinates: VANDA Vanda, SNAA Snaae, SNAA Snaae

Table with station names and coordinates: GSPA South Pole Qui, GSPA South Pole Qui, LSZ Lusaka



BUI 08 01:08:39.2, 18:31S:177:59W, h590km, mb5.0/12, mb4.5/17

ISC/JB 08 01:08:43.8, 0.5, 18:11S:0:06:178:46W:0.05, h599km, 7km, mb4.5/61, Error ellipse: s-maj=10.7km

s-min=5.4km az=1.0, 18:08S:178:45W, h590km, 12km, mb3.8/19, mb1.3/9.21, mb1mx3.9/25, mbtmp3.8/21, Error ellipse: s-maj=12.2km s-min=8.4km az=145.0

NEIC 08 01:08:44.5, 0.6, 18:15S:178:41W, h599km, 6km, mb4.6/37, Error ellipse: s-maj=10.8km s-min=5.8km az=152.0

AUST 08 01:08:45.9, 0.0, 17:97S:178:43W, h607km, Error ellipse: s-maj=1.7km s-min=1.4km az=352.0

ISC 08 01:08:44.0, 4.0, 18:09S:0:06:178:38W:0.06, h598km, 3km, h598km, 3km, P, n225, e1908/248, mb4.5/62, 26C-15D, Fiji Islands region

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

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

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

IOC 08 01:18:51.8, 2.8, 5:83S:151:26E, h34km, 8km, mb2.8/2, mb1.3/2.2, mb1mx3.0/1.5, mbtmp2.9/2.2, Error ellipse: s-maj=11.7km s-min=32.4km az=116.0, New Britain region

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



Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like KLMM, EIL, AKASG, AKASG, AKASG, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like MORC, MORC, MORC, GKP, GKP, GKP, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other parameters. Includes stations like PSI, PSI, CDF, CDF, CDF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MTLF Montolio, LDF La Druitiere, ESK Eskdalemuir, etc.

IGQ 08:02:28:04.5, 2:10:59.7936W, h19km, 110km, Mb4.1, Ms3.9, 19C-3D, Error ellipse: s-maj=4.2km s-min=1.9km az=27, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RIOE Riobamba, PECV Mancha de Ca P, IGUA Iguata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BPAT Tungurahua Vol, BPAT Tungurahua Vol, JU6 Juive, etc.

ISCJB 08:02:34:31.8, 0.4, 24.38N, 0.02:121.90E, 0.02, h2km, 4km, Error ellipse: s-maj=3.4km s-min=2.3km az=137.1

TAP 08:02:34:32.2, 24.39N, 121.63E, h10km, ML3.6, B JMA 08:02:34:33.0, 0.3, 24.24N, 121.88E, h23km, M3.1

ISC 08:02:34:32.1, 0.9, 24.37N, 0.02:121.88E, 0.02, h8km, 7km, n54, c061/90, 9C-9D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ENA Nanau, EHP Heping Village, TWC Suao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWF1 Yuli, WNT Mingjiao, PCYT Pengchayiu, etc.

IDC 08:02:37:25.6, 2.1, 19.87S, 134.02E, h16km, 19km, mb1 3.3/2, mb1mx3.1/13, mbtmp3.3/2, ML2.8/3, Error ellipse: s-maj=26.1km s-min=3.0km az=104.0, Northern Territory

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

IDC 08:02:42:20.1, 28.0, 22.91S, 172.89W, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.7/18, mbtmp3.9/4, Error ellipse: s-maj=530.0km s-min=158.3km az=78.0, Tonga Islands region

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

MAN 07:03:13:20, 10.80N, 125.98E, h66km, mb4.3, ML3.2, MS3.0, IDC 08:03:13:10.5, 2.9, 10.99N, 126.94E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.6/23, mbtmp3.6/7, Error ellipse: s-maj=262.0km s-min=18.0km az=66.0

ISCJB 08:03:13:14.8, 0.8, 10.83N, 126.126E, 0.08, h37km, mb3.6/7, Error ellipse: s-maj=13.8km s-min=8.9km az=135.4

ISC 08:03:13:16.7, 1.0, 10.79N, 126.126E, 0.1, h37km, n13, c1913/14, mb3.7/7, IC, Philippine Islands region

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

TRN 08:03:40:36.3, 16.44N, 61.41W, h84km, MD3.6, M2.9(FDF), 13C-2D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SEG Port Louis, BCG Bois Riant Cap, SSG Sans Toucher, etc.

Table with 5 columns: LPMF, TRMF, MVM, MCLT, MCLT, SVB, SVB. Rows include Morne Lapointe, Trois lacs, Montagne Vauc, Moule a Chique, Belmont.

ISCJB 08 04:03.0:6.0, 6.78N:0.07:126.61E:0.10, h157km, 5km, mb3.8/13, Error ellipse: s-maj=16.9km s-min=10.2km az=157.5

MAN 08 04:04:04, 6.96N:126.70E, h146km, IDC 08 04:04:06.3:5.7, 6.82N:126.86E, h167km, 5.3km, mb3.6/13, mb1 3.7/13, mb1mx3.6/24, mbtmp3.6/13, Error ellipse: s-maj=31.7km s-min=12.9km az=76.0

ISC 08 04:04:03.6:1.0, 6.78N:0.08:126.7E:0.1, h144km, 7km, n32, e1511/39, mb3.9/13, 4C-1D, Mindanao

Main table for 8d 6h section, listing station names, coordinates, and various data points for stations like MATI, DMPH, KCP, etc.

NNC 08 04:15:48.5:5.1, 38.75N:68.28E, h0km, mb3.8, mpv3.4, 3C-2D, Error ellipse: s-maj=45.7km s-min=27.3km az=149.0, Tajikistan

Table listing stations like KK31, KK31, KK31, AB31, AKTO, AKTO with their respective coordinates and data.

MEX 08 04:41:46.0:0.3, 18.65N:103.77W, h7km, 4km, MD3.5, Near coast of Michoacan

Table listing stations like MMBIG, R15V, EZSV, ZIGG, ARIG, ARIG with their respective coordinates and data.

IDC 08 04:49:08.1:4.0, 6.58S:101.89E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/21, mbtmp3.6/5, Error ellipse: s-maj=170.0km s-min=22.0km az=56.0, Southwest of Sumatera

Table listing stations like CMAR, H0S2, H0S3, H0S1, WRA, ASAR, STKA, MKAR with their respective coordinates and data.

NNC 08 04:52:30.0:6.8, 38.80N:68.28E, h0km, mb4.0, mpv3.5, Error ellipse: s-maj=57.4km s-min=34.7km az=154.0, IDC 08 04:52:30.3:2.4, 39.41N:68.65E, h0km, mb3.4/1, mb1 3.5/5, mb1mx3.3/28, mbtmp3.5/5, ML3.2/4, Error ellipse: s-maj=44.8km s-min=19.2km az=166.0

ISC 08 04:52:31.0:1.6, 39.4N:0.1:68.81E:0.09, h10km, n9, e2519/9, 3C-3D, Tajikistan

Table listing stations like KK31, KK31 with their respective coordinates and data.

Table listing stations like KK31, AAK, AB31, AB31, MKAR, KURBB, KURBB, AKTO, AKTO, AKTO, AKTO, ZALV, TORD with their respective coordinates and data.

MEX 08 05:14:08.5:0.6, 16.90N:99.80W, h5km, 1.1km, MD3.8, Near coast of Guerrero

Table listing stations like ACX, ACX, CAIG, CAIG, MEIG, TLIG, TLIG, ARIG, PLIG, PNIG, PNIG, ZIGG, YAIG, YAIG with their respective coordinates and data.

GUC 08 05:29:30.6:0.4, 42.80S:72.52W, h2km, 4km, ML3.6, 3D, Southern Chile

Table listing stations like HUNY, HUNY, HUNY, FUTA, FUTA, PUYE, PUYE, OSCH, OSCH, COYC, COYC, COYC with their respective coordinates and data.

IDC 08 05:41:25.6:2.5, 9.39S:138.89E, h0km, mb4.2/2, mb1 4.4/4, mb1mx4.0/13, mbtmp4.2/4, ML4.1/2, MS3.2/1, Ms1 3.2/1, ms1mx2.7/15, Error ellipse: s-maj=57.0km s-min=21.9km az=85.0

AUST 08 05:41:27.0:2.5, 9.34S:139.07E, h8km, 18km, Error ellipse: s-maj=6.4km s-min=5.1km az=21.0, ISCJB 08 05:41:27.0:4.0, 9.35S:0.04:138.97E:0.04, h33km, mb4.3/2, Error ellipse: s-maj=6.1km s-min=5.3km az=20.8

DJA 08 05:41:29.1:1.4, 9.3S:13.9E, h16km, 15km, M5.3/15, mb25.3/4, mb4.8/15, ML4.5/7, Mw(mb)4.7/4, ISC 08 05:41:30.1:0.7, 9.34S:0.07:139.03E:0.07, h35km, n28, e1828/31, 7C-8D, Arafura Sea

Main table for 2009 NOV section, listing stations like MMPI, MMPI, COEN, TLE, KDU, KMPI, SRPI, MTN, FAKI, MTSU, SWI, SWI, WRA, WRA, WRA, WRA, CTA, SOEI, ASAR, ASAR, ASAR, FITZ, QLP, STKA, STKA, STKA, CMSA, BBOO, FORT, HTT with their respective coordinates and data.

Table listing stations like MEEK, CMAR with their respective coordinates and data.

NIED 08 05:44.0:22.50N:125.40E, h32km, Mw4.0, Best double couple: M1, 18000\*1015, NP1, 8133, 00000, 880, 00000, 821, 00000, NP2, 840, 00000, 869, 00000, 816, 00000, JMA 08 05:44:1.0:3.2, 22.53N:125.36E, h27km, M3.8.

Table listing stations like Code, Station Name, coordinates, and data for stations in Southeast of Taiwan.

IDC 08 06:01:34.3:3.4, 2.92S:139.68E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.5/16, mbtmp3.5/4, ML3.7/1, Error ellipse: s-maj=106.9km s-min=27.3km az=92.0, Near north coast of Irian Jaya

Table listing stations like WRA, FITZ, FITZ, ASAR, ASAR, MKAR with their respective coordinates and data.

MEX 08 06:17:14.2:0.3, 16.53N:95.69W, h16km, 99km, MD3.8, Oaxaca

Table listing stations like HUIG, HUIG, CMIG, VHO, VHO, PNIG, PNIG, UTMO, UTMO, PCIG with their respective coordinates and data.

MEX 08 06:37:03.8:0.5, 16.66N:101.03W, h13km, 1.1km, MD4.1, Near coast of Guerrero

Table listing stations like CAIG, CAIG, ZIGG, ARIG, ARIG, MEIG, PLIG, TLIG, TLIG, PNIG, PNIG, YAIG, YAIG with their respective coordinates and data.

IDC 08 06:45:48.8:1.8, 5.91S:130.37E, h0km, mb3.9/3, mb1 4.0/6, mb1mx3.7/18, mbtmp3.9/6, ML4.0/3, Error ellipse: s-maj=95.3km s-min=24.4km az=78.0, AUST 08 06:46:00.8, 6.48S:130.54E, h20km, ISC 08 06:46:04.7:1.0, 6.70S:0.08:130.2E:0.1, h146km, n19, e262/13, mb3.5/3, Banda Sea

Table listing stations like Code, Station Name, coordinates, and data for stations in Banda Sea.

BJI 08 06:51:13.3:3.7, 28.2N:14.45E, h18km, mb4.9/6, mb4.7/13, h17.4/2, ISCJB 08 06:51:16.9:0.2, 37.84N:0.01:14.60E:0.02, h27km, 2km, mb4.3/4, MS3.9/14, Error ellipse: s-maj=2.3km s-min=2.4km az=40.9

PDG 08 06:51:16.5:0.6, 37.87N:14.60E, h11km, 1km, ML4.4/11, Error ellipse: s-maj=0.8km s-min=1.1km az=0.0, LDG 08 06:51:16.2:0.1, 37.82N:14.54E, h20km, M14.0/3, Error ellipse: s-maj=3.9km s-min=3.5km az=20.0

ROM 08 06:51:16.4:0.2, 37.85N:14.56E, h8km, 2km, M4.4/29, Error ellipse: s-maj=1.5km s-min=1.4km az=73.0, MOS 08 06:51:17.9:1.0, 37.84N:14.53E, h34km, mb4.4/23, Error ellipse: s-maj=6.1km s-min=3.5km az=78.0

CSEM 08 06:51:17.2:0.1, 37.80N:14.64E, h10km, ML4.4, Error ellipse: s-maj=2.7km s-min=2.4km az=114.0, NEIC 08 06:51:17.4:0.6, 37.78N:14.59E, h16km, 4km, mb4.4/6, M14.0(THE), ML4.2(ROM), Error ellipse: s-maj=4.2km s-min=3.4km az=204.0

NEIC Felt [V] at Assoro, Gagliano Castellerrato and Nicosia; [IV] at Agira, Cerasari, Leonforte, Regalbuto, Sant'Agata di Miletto, Santo Stefano di Camastra and Troina; [III] at Enna. Also felt at Catania, Messina, Palermo, Reggio di Calabria and Siracusa.

Table listing stations like Code, Station Name, coordinates, and data for stations in Sicily.



THE 08 06:51:18.5, 37.78N, 14.65E, h31km, 33km, ML4.0/1, Error ellipse: s-maj=33.3km s-min=2.4km az=0.0

ICC 08 06:51:20.6, 1.4, 37.88N, 14.63E, h42km, 14km, mb3.9/20, mb1 4.1/32, mb1mx4.0/41, mbtmp4.0/32, ML3.9/11, MS3.8/16, Ms1 3.8/16, ms1mx3.6/37, Error ellipse: s-maj=12.4km s-min=9.0km az=137.0

CRAAG 08 06:51:24.7, 38.11N, 14.62E, Mb4.4

BEO 08 06:51:32.5, 0.8, 39.11N, 15.28E, h0km, ML3.9/11

ISC 08 06:51:17.5, 0.5, 37.83N, 14.58E, 0.02, h17km, 2km, n580, c119/21608, mb4.4/41, MS3.8/14, 36C-23D, Sicily

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, and a list of seismic events with their respective parameters (e.g., SALB, SIRI, SIRI, MTSN, MCEL, MCEL, CDRU, etc.).

Table with columns: Code, Station Name, Az, Phase, ISC, Time, Res, and a list of seismic events with their respective parameters (e.g., GALT, GALT, GALT, ECNV, ECNV, ECNV, etc.).

8d 6h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAVOX, FETA, ORIF, LASF, etc.

200 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BUR08, STHS, DPC, ISPA, etc.

280

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TORD, TOR01, ARCES, ARBU, etc.

MEX 08:06:51:40.5:0.7, 16:59N x 101.08W, h18km, 39km, MD3.9, Near coast of Guerrero

ZIHG Zihuatanejo 1.07 340 eP Pb 06 51 56.5 -4.1

DJA 08 06:57:55.6, 0.9 S, 5.12' 0E, h190km, 5km, M4.4/11, mb4.4/4, mb5.1/2, MLV.4/11, Mw(mb)4.5/2

ICD 08 06:57:56.9, 1.0, 8.26S, 118.67E, h0km, mb3.7/4, mb1 4.0/7, mb1mx3.8/22, mbtmp3.8/7, ML3.9/3, MS2.9/2, Ms1 2.9/2, ms1mx2.6/31, Error ellipse: s-maj=49.0km s-min=13.6km az=56.0

AUST 08 06:58:37.9, 10.00S, 120.47E, h200km ISC 08 06:57:57.4, 0.6, 8.27S, 0.06E, 118.58E, 0.04, h10km, n31, e141/31, mb3.9/4, Sumbawa region

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC LBF1 Labuhan Bajo, 1.31 99 P Pg 06 58 22.5 +0.2

NIED 08 07:20:00, 26.40N, 125.80E, h150km, Mw4.1 Best double couple: M=1.45000; 1015 NP1.3e258.00000; 574.00000; 1.72.00000; NP2.1e128.00000; 5.24.00000; 1.38.00000

ISCJB 08 07:20:22.7, 0.3, 26.43N, 0.06, 125.89E, 0.05, h139km, 4km, mb3.9/11, Error ellipse: s-maj=11.7km s-min=3.7km az=140.4

JMA 08 07:20:24.3, 0.3, 26.44N, 125.83E, h128km, 4km, M3.7 ICD 08 07:20:25.4, 0.7, 26.49N, 125.77E, h148km, 6km, mb3.7/11, mb1 3.8/14, mb1mx3.6/29, mbtmp3.7/14, Error ellipse: s-maj=21.0km s-min=5.4km az=75.0

ISC 08 07:20:24.3, 0.6, 26.45N, 0.06, 125.88E, 0.05, h142km, 5km, n31, e153/55, mb4.0/11, Northeast of Taiwan

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC JKE Kume jima 2 0.82 98 Op Pb 07 21 04.6 +0.7

2009 NOV

JAMN Amaminishikoi 3.43 58 P Pn 07 21 15.9 -1.1 JAMN JAMN 07 21 55.6 -2.1

NSSP 08 07:25:41.0, 0.1, 41.08N, 43.87E, h20km, Ms3.1 AZER 08 07:25:42.0, 0.1, 41.20N, 43.91E, h1km, Error ellipse: s-maj=5.7km s-min=1.1km az=15.0

DDA 08 07:25:42.5, 0.1, 17N, 43.96E, h77km, MD3.3 IIF 08 07:25:42.9, 4.1, 10N, 43.91E, h12km, 2km

TIF 08 07:25:43.5, 4.1, 10N, 43.84E, h5km, MD3.5 CSEM 08 07:25:44.1, 0.2, 41.06N, 43.85E, h2km, ML3.1, Error ellipse: s-maj=4.2km s-min=3.4km az=105.0

MOS 08 07:25:44.6, 1.9, 41.09N, 43.75E, h10km, mb3.9/2, Error ellipse: s-maj=14.7km s-min=6.5km az=79.8

ISC 08 07:25:42.3, 0.1, 41.10N, 0.01, 43.90E, 0.01, h8km, 96km, n101, e129/163, 19C-26D, Turkey-Georgia-Armenia border region

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC KAMZ Kamo 0.28 173 J S Pb 07 25 53.4 +0.6

DIGO Kars 0.79 211 iP Pb 07 25 58.6 +0.1 DIGO DIGO 07 21 55.6 -2.1

WEL 08 07:20:47.0, 0.2, 37.65S, 177.01E, h140km, 2km, ML3.5/4, 5C-2D, Error ellipse: s-maj=1.6km s-min=1.5km az=90.0, East coast of North Island

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC TGRZ Tauranga 0.60 262 PN Pn 07 21 08.3 +0.0

BTLR 07:26:27.5, 4.22m, 0.4s BTLR 07:26:27.5, 4.22m, 0.4s

Code Station Name Az AZ Phase ID Time Res Op ISC h m s ISC BTLR BTLR 2.49 86 iS Pb 07 26 27.5 +0.5

IDC 08:07:56:43.1-0.7, 54.124N:154.43E, h485km, 8km, mb2.8/10, mb1.3/1.1, mb1mx2.9/2.7, mbtmp2.8/1.1, Error ellipse: s-maj=18.6km s-min=13.1km az=166.0

ISC 08:07:56:42.3-0.8, 54.18N:0.09:155.6E:0.1, h520km, 10km, n40, e1521/56, mb3.3/1.0, Kamchatka Peninsula

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

MOS 08:08:05:22.4-0.8, 35.02Sx111.60W, h10km, mb5.2/15, Error ellipse: s-maj=32.4km s-min=10.3km az=88.7

IDC 08:08:05:22.2-0.5, 34.97Sx111.70W, h0km, mb4.6/11, mb1.4/8.1, mb1mx4.6/1.7, mbtmp4.5/1.1, MS4.5/2.0, Ms1.4/2.0, ms1mx4.3/2.5, Error ellipse: s-maj=22.0km s-min=16.5km az=90.0

ISCJB 08:08:05:22.8-0.3, 35.03S:111.5V:0.1, h10km, mb4.9/6.6, MS4.6/2.5, Error ellipse: s-maj=13.3km s-min=8.1km az=170.8

NEIC 08:08:05:23.9-0.2, 35.06S:111.62W, h10km, mb5.0/5.3, Error ellipse: s-maj=9.0km s-min=5.7km az=85.0

GCMT 08:08:05:24.9-0.2, 35.18S:111.40W, h12km, MW5.1, Moment Tensor Solution. s43,c61; s90,c149; Moment tensor: Scale 10^18Nm; Mr=-4.05e-16; Mb=1.82e-16; Mw=5.87e-12; Mm=-1.15e-50; M0=1.77e-12; Mr=1.55e-37; Best double couple: M5:70000x1016; NP1:0e12:0.00000; S5:0.00000; A:-57.00000; NP2:0e14:0.00000; S4:5.00000; A:-1.131.00000; Principal axes: T:6.4200, P:2.0000; Azm79.0000; N:-1.4500, Plg27.0000; Azm173.0000; P:-4.9600, Plg62.0000; Azm336.0000; Data Used: IU II G IC CN.

BUI 08:08:05:24.3-0.3, 35.00S:111.20W, h10km, mb5.5/15, Ms5.3/9, Ms7.5/1.8

ISC 08:08:05:23.8-0.3, 35.13S:109.11W:0.08, h10km, n514, e1913/519, mb5.0/6.6, MS4.7/25, 153C-164D, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the Southern East Pacific Rise region.

Main table with columns: QSPA, Station Name, Time, Res, h, m, s, P. Lists seismic stations and their recorded data for the main region.

Table with columns: Station Name, Time, Res, h, m, s, P. Lists seismic stations and their recorded data for the right-hand region.

Table with columns: Call letters, Name, Azimuth, Elevation, SNR, and other metrics. Includes entries like CWC Cottonwood Cre, U27A Thompson Grove, DZM Mont Dzumac, etc.

Table with columns: Call letters, Name, Azimuth, Elevation, SNR, and other metrics. Includes entries like P30A Selden, O21A Kremmling, P31A Stockton, etc.

Table with columns: Call letters, Name, Azimuth, Elevation, SNR, and other metrics. Includes entries like H20A Greybull, I30A Oacoma, I29A Vivian Onida, etc.

2009 NOV

Table of astronomical observations for 2009 NOV, columns include station name, coordinates, time, and observation details.

Table of astronomical observations for 2009 NOV, columns include station name, coordinates, time, and observation details.

Table of astronomical observations for 2009 NOV, columns include station name, coordinates, time, and observation details.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like GRG, KLV, KLW, KLX, KLZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like VRI, VRC, VLR, VLV, etc.

WEL 08 05:18.0+0.3, 40.205-173.57k, h191km, 2km, ML3, 7/12, 08-22D, Error ellipse: s-maj=1.70km s-min=0.6km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like DUWZ, NMEZ, NWEZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like BZS, BZU, BZV, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other details. Includes stations like H11S3, H11S1, H11N1, etc.

DDA 08 09:05:09.5, 39.089N-29.04E, h7km, ML3, 8 ISK 08 09:05:09.0, 39.11N-29.07E, h5km, ML3, 8 BEO 08 09:05:09.1, 3.41N-68N-31.42E, h0km, ML3, 6/3 CSEM 08 09:05:10.1-0.1, 39.09N-29.07E, h2km, ML3, 8 Error ellipse: s-maj=2.5km s-min=2.3km az=46.0 SOF 08 09:05:19.0, 39.55N-28.45E, h14km, MD3.9 ISC 08 09:05:09.5+1.0, 39.080N-02.029-04E, 0.02, h5km, gkm, n154, s1917/152, 17C-1D, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and other details. Includes stations like DEMI, DEMI, DEMI, etc.

Table with columns: RZN, Rozhen, 4.20 310 P, Pn, 09 06 14.7 +0.4, etc.

ICD 08 09 20:14.3:1.0, 6.42S:102.08E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.8/22, mbtmp3.9/9, Error ellipse: s-maj=1.0km s-min=16.2km az=55.0

ISCJB 08 09 20:16.5:0.7, 6.38S:0.07:102.24E:0.07, h24km, mb3.8/9, Error ellipse: s-maj=11.0km s-min=7.8km az=42.4

DJA 08 09 20:23.0:1.1, 6.5:6.10E:3.5, h10km, M3.8/5, MLV3.8/2.0

ISC 08 09 20:18.8:0.9, 6.29S:0.07:102.44E:0.08, h24km, n22, 172/20, mb3.9/9, Southeast of Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

ICD 08 09 25:22.5:2.6, 11.23S:165.94E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/18, mbtmp3.6/4, Error ellipse: s-maj=133.5km s-min=31.8km az=102.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

ICD 08 09 45:35.2:4.7, 0.1571S:173.63W, h0km, mb4.0/3, mb1 4.2/3, mb1mx7.1/17, mbtmp4.0/3, Error ellipse: s-maj=905.1km s-min=174.2km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

GUC 08 09 56:03.7:0.8, 32.73S:71.83W, h2km, mb3.0/3, ML2.9, 2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

CACH El Canelo 1.73 144.1 J/P Pn 09 56 35.2 +0.2 CACH I/S Sg 09 56 59.5 -0.1

IDD 08 10:03:10.1:0.7, 57.81N:138.42W, h0km, mb3.8/14, mb1 4.0/20, mb1mx4.0/28, mbtmp3.8/20, ML3.8/5, MS3.6/14, Ms1 3.6/14, ms1mx3.5/35, Error ellipse: s-maj=15.7km s-min=9.1km az=38.0

NEIC 08 10:03:12.0:0.2, 57.81N:138.46W, h10km, mb4.3/30, ML4.3(AE/C), Error ellipse: s-maj=6.3km s-min=2.4km az=217.0

ISC 08 10:03:12.9:0.8, 57.772N:0.06:138.56W:0.05, h20km, mb3.0/3, n166, 173/3158, mb4.3/39, MS3.6/11, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, etc.

Table with columns: HLID, Hailey, 20.70 123 eP, Pn, 10 07 54.4 +0.1, etc.



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

NNC 08 10:26:34.0±0.2, 6.54±2.1N, 86.65E, h0km, mb3.7, mpv3.2, 10C, Error ellipse: s-maj=19.2km s-min=17.3km az=49.0,

Southwestern Siberia

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

BKK 08 10:27:05.1±0.7, 19°N, 3°9'6E±, h10km, M4.5/5, mb4.0/1, mB5.0/1, MLV4.7/5, MW(m)B4.3/1

IDC 08 10:27:05.8±1.6, 20°41'N:100°11'E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/24, mbtm3.4/4, ML4.4/1, Error ellipse: s-maj=34.0km s-min=17.1km az=119.0

ISC 08 10:27:01.2±3.6, 18.35N±0.06, 96.34E±0.08, h9km±24km, n15, ±1970/22, mb3.5/3, Myanmar

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

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

IDC 08 10:37:33.0±0.6, 10.41N:127.43E, h0km, mb4.2/15, mb1 4.3/15, mb1mx4.2/23, mbtm4.2/15, Error ellipse: s-maj=29.2km s-min=13.2km az=78.0

ISCJB 08 10:37:35.9±0.3, 10.45N±0.03, 127.36E±0.04, h24km, mb4.5/10, MS4.0/3, Error ellipse: s-maj=5.5km s-min=4.0km az=28.9

MOS 08 10:37:36.6±0.9, 10.38N:127.38E, h33km, mb4.8/12, Error ellipse: s-maj=21.6km s-min=9.2km az=108.2

NEIC 08 10:37:38.9±0.3, 10.44N:127.43E, h35km, mb4.5/15, Error ellipse: s-maj=9.1km s-min=5.3km az=88.0

MAN 08 10:37:40, 10.47N:127.06E, h87km, mb5.2, ML4.2, MS4.4

BUI 08 10:37:41.7, 10.84N:127.18E, h35km, mb4.8/18, mb4.8/23, MS4.6/11, MS7.4/3.9

ISC 08 10:37:38.1±0.4, 10.40N±0.04, 127.38E±0.06, h24km, n97, ±1968/131, mb4.5/40, MS4.0/3, 5C-5D, Philippine Islands

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

KSM Kuching 19.14 244 P P 10 42 00.9 +0.2

KSM Kuching 19.14 244 eP P 10 42 00.2 +0.4

JNU Nakatsue 22.84 8 eP P 10 42 39.5 -0.2

NJ2 Nanjing 22.95 341 eP P 10 42 39.2 -1.5

KTMG Kuala Trengganu 24.54 260 P P 10 42 56.8 +0.6

MYKOM Kota Tinggi 24.89 251 P P 10 43 02.1 -0.7

GYA Guiyang 25.27 312 eP P 10 43 12.8 +2.7

GYA Guiyang 25.27 312 eP P 10 43 42.4 +4.8

GYA Guiyang 25.27 312 eP P 10 46 36.7 +0.8

GYA Guiyang 25.27 312 eP P 10 47 23.0 -4.4

GYA Guiyang 25.27 312 eP P 10 50 11.2 -2.5

GYA Guiyang 25.27 312 eP P 10 43 55.6 -1.7

GYA Guiyang 25.27 312 eP P 10 45 30.6 -0.6

KSM Kuching 19.14 244 P P 10 42 00.9 +0.2

KSM Kuching 19.14 244 eP P 10 42 00.2 +0.4

JNU Nakatsue 22.84 8 eP P 10 42 39.5 -0.2

NJ2 Nanjing 22.95 341 eP P 10 42 39.2 -1.5

KTMG Kuala Trengganu 24.54 260 P P 10 42 56.8 +0.6

MYKOM Kota Tinggi 24.89 251 P P 10 43 02.1 -0.7

GYA Guiyang 25.27 312 eP P 10 43 12.8 +2.7

GYA Guiyang 25.27 312 eP P 10 43 42.4 +4.8

GYA Guiyang 25.27 312 eP P 10 46 36.7 +0.8

GYA Guiyang 25.27 312 eP P 10 47 23.0 -4.4

GYA Guiyang 25.27 312 eP P 10 50 11.2 -2.5

GYA Guiyang 25.27 312 eP P 10 43 55.6 -1.7

GYA Guiyang 25.27 312 eP P 10 45 30.6 -0.6

KSM Kuching 19.14 244 P P 10 42 00.9 +0.2

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like AS31, ASAR, ASAR, etc.

comp=Z, 3.1nm, 0.8s, baz=194, slow=9.8, SNR=6.1

comp=Z, 0.9nm, 0.8s, baz=350, slow=8.1, SNR=14

comp=Z, 2.0nm, 0.7s, baz=352, slow=2.8, SNR=5.9

comp=Z, 4.0nm, 1.1s

comp=Z, 98nm, 16.4s

comp=Z, 120nm, 16.4s

comp=Z, 2.1nm, 0.8s

comp=Z, 2.9nm, 0.8s

comp=Z, 1.7nm, 0.6s, baz=328, slow=9.5, SNR=6.0

comp=Z, 6.0nm, 0.9s, baz=208, slow=8.1, SNR=3.7

comp=Z, 1.2nm, 0.8s, baz=119, slow=6.7, SNR=2.1

comp=Z, 70nm, 4.7s

comp=Z, 160nm, 7.3s

comp=Z, 150nm, 7.8s

comp=Z, 190nm, 7.8s

ZALV Zalesovo Beam 55.05 331 P P 10 47 06.6 -1.1

ZALV Zalesovo Beam 55.05 331 P P 10 47 06.6 -1.1

ZALV Zalesovo Beam 55.05 331 P P 10 47 06.6 -1.1

SEY Seymour 55.44 141 eP P 10 47 10.7 +0.3

KURK Kurchatov 56.59 325 eP P 10 47 18.5 -0.3

KURK Kurchatov 56.59 325 eP P 10 47 18.3 -0.5

KKAR Karatay Array 58.95 314 eP P 10 47 35.3 -0.3

KKAR Karatay Array 58.95 314 eP P 10 47 35.3 -0.3

TIKI Tikisi 61.21 11 eP P 10 47 50.3 -0.3

BRVK Borovoye 62.26 325 eP P 10 47 57.6 -0.4

ABKAR Abkulak Array 67.50 319 eP P 10 48 31.2 -1.0

ARU Arti 69.72 326 dP P 10 48 44.2 -1.7

ARU Arti 69.72 326 dP P 10 48 44.7 -1.2

IMA2 Indian Mountain 76.07 24 eP P 10 49 23.6 +0.1

MCK McKinley 77.95 27 eP P 10 49 33.3 -0.8

MCK McKinley 77.95 27 eP P 10 49 33.3 -0.8

COLA College 78.44 26 eP P 10 49 36.3 -0.3

ILAR Eielson Array 78.85 26 P P 10 49 37.3 -1.7

ILAR Eielson Array 78.85 26 P P 10 49 37.3 -1.7

KLMR Klumovskoe 79.90 330 eP P 10 49 43.2 -1.9

OBN Obninsk 82.03 325 eP P 10 49 55.0 -1.2

OBN Obninsk 82.03 325 eP P 10 50 00.3

ARCES ARCES Array B 84.45 340 P P 10 50 07.6 -0.9

ARCES ARCES Array B 84.45 340 P P 10 50 07.6 -0.9

BRTR Keskin Array B 86.30 310 P P 10 50 17.0 -1.5

FINES FINES Array B 86.30 332 P P 10 50 16.3 -1.5

NOA NORARS Array B 93.13 334 P P 10 50 47.9 -2.2

NOA NORARS Array B 93.13 334 P P 10 50 47.9 -2.2

DJA 08 10:39:17.1±2.1, 1.6°S:16°10'E±1.4, h109km±54km, M3.6/4, ML3.2/3, Southwest of Sumatra

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

IDC 08 10:57:40.9±8.8, 8.72S:128.07E, h106km±66km, mb3.4/1, mb1 3.2/4, mb1mx3.0/18, mbtm3.0/4, ML3.2/3, MS3.4/1, Ms1 3.6/4, ms1mx2.6/13, Error ellipse: s-maj=66.6km s-min=53.5km az=179.0, Timor Sea

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

comp=Z, 2.26nm, 1.2s

comp=Z, 180nm, 5.1s

comp=Z, 250nm, 16.5s

comp=Z, 850nm, 16.1s

comp=Z, 130nm, 16.7s

USRK Ussuriysk Arra 33.91 6 P P 10 44 18.0 -1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, RAR Rarotonga, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi.

NIED 08 11:09:00,24.10N,121.80E,h41km,Mw4.1 Best double couple: M1.79000x1015 NP1.249.00000, s53.00000, 1.129.00000, NP2.16.00000, s51.00000, s50.00000.

NEIC 08 11:09:29.6,0.7,23.93N,121.77E,h10km,mb4.6/6,ML4.8(TAP), Error ellipse: s-maj=10.0km s-min=8.4km az=119.0

NEIC Recorded [3 TAP] in Han; [2 TAP] in Chang-hua, Hua-lien and Nan-tou; [1 TAP] in Tai-chung, Tai-pei, Tai-tung and Yun-lin.

BUI 08 11:09:27.3,24.06N,121.58E,h8km,mb3.9/6,ML3.9/6 TAP 08 11:09:29.9,23.95N,121.69E,h44km,ML4.7,B,ISCBJ 08 11:09:29.6,0.7,23.93N,121.77E,h10km,mb4.6/6,ML4.8(TAP), Error ellipse: s-maj=2.8km s-min=1.8km az=135.4

JMA 08 11:09:30.8,0.2,24.09N,121.77E,h76km,4km, M4.3, IDC 08 11:09:34.9,0.7,23.93N,121.80E,h97km,5km,mb3.5/10,ms1.3/11,mb1mx3.5/28,mbtmp3.5/11,MS3.1/2

ISC 08 11:09:29.6,0.7,23.92N,121.74E,0.02,h41km,5km, n126, s1548/186,mb4.0/15,18C-21D,Taiwan

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including HWA Hwaiien, TWD Chiawan, ESF Shoufeng Towns, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including TWB1 Santiao Chiao, HSN Hsinchu, TAP1 Taipei, etc.

Table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JAGN Jhaya, JOW Kunigami, JOW Kunigami, etc.

IDC 08 11:34:53.7,0.9,39.31N,70.43E,h0km,mb3.8/8,mb1.3/9,13,mb1mx3.8/31,mbtmp3.8/13,ML3.8/5,MS3.4/2, Ms1.3/2,ms1mx2.7/33, Error ellipse: s-maj=19.8km s-min=11.2km az=142.0

NMC 08 11:34:56.3,3.2,39.49N,70.83E,h0km,mb4.1,mpv3.9, Error ellipse: s-maj=24.1km s-min=19.0km az=29.0

ISCJB 08 11:34:57.0,0.7,39.52N,0.06,70.23E,0.09,h30km,mb3.7/8,MS3.4/2, Error ellipse: s-maj=10.1km s-min=8.1km az=32.3

ISC 08 11:34:58.5,1.0,39.40N,0.08,70.4E,0.1,h30km,n28, s165/29,mb3.8/8,8C-6D,Tajikistan

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AML Almayshu, KK31 Karatay Array, KK31 Karatay Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HFS Hagfors, NOA NORSAR Array B, KRSR Korea Array, etc.

WEL 08 11:47:55.0-0.1, 41:05S-175:31E, h12km, ML2.6/9, 3C-4D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, North Island

Main table for WEL 08 11:47:55.0-0.1, 41:05S-175:31E, listing station names, azimuths, phase IDs, and times.

WEL 08 11:47:59.2-0.1, 41:05S-175:32E, h13km, ML2.7/12, 3C-1D, Error ellipse: s-maj=0.5km s-min=0.3km az=90.0, North Island

Main table for WEL 08 11:47:59.2-0.1, 41:05S-175:32E, listing station names, azimuths, phase IDs, and times.

IDC 08 11:50:01.9-0.4, 23:01S-179:60E, h526km, 27km, mb3.3/4, mb1 3.6/4, mb1mx3.1/17, mbtmp3.3/4, Error ellipse: s-maj=175.8km s-min=29.6km az=164.0, South of Fiji Islands

Main table for IDC 08 11:50:01.9-0.4, 23:01S-179:60E, listing station names, azimuths, phase IDs, and times.

IDC 08 11:51:18.0-1.1, 14:78S-172:54W, h0km, mb3.7/6, mb1 4.0/6, mb1mx3.8/17, mbtmp3.7/6, MS3.4/2, Ms1 3.4/2, ms1mx3.1/19, Error ellipse: s-maj=63.7km s-min=23.6km az=141.0, Samoa Islands

Main table for IDC 08 11:51:18.0-1.1, 14:78S-172:54W, listing station names, azimuths, phase IDs, and times.

Table for H11S1 WAKE ISLAND HY 38.89 328 T, listing station names, azimuths, phase IDs, and times.

IDC 08 12:14:00.9-2.1, 5:21N-123:92E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/22, mbtmp3.3/3, Error ellipse: s-maj=227.2km s-min=26.9km az=64.0, Mindanao

Main table for IDC 08 12:14:00.9-2.1, 5:21N-123:92E, listing station names, azimuths, phase IDs, and times.

IDC 08 12:17:12.4-1.8, 5:88S-130:32E, h0km, mb3.9/2, mb1 4.2/4, mb1mx3.8/16, mbtmp4.0/4, ML4.4/2, Error ellipse: s-maj=131.9km s-min=25.1km az=67.0

Main table for IDC 08 12:17:12.4-1.8, 5:88S-130:32E, listing station names, azimuths, phase IDs, and times.

IDC 08 12:17:27.0-0.6, 6:17S-106:130E, h104km, mb3.6/2, Error ellipse: s-maj=8.2km s-min=5.3km az=7.8

Main table for IDC 08 12:17:27.0-0.6, 6:17S-106:130E, listing station names, azimuths, phase IDs, and times.

IDC 08 12:29:13.2-1.4, 6:56S-154:49E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/18, mbtmp3.8/7, ML3.1/1, Error ellipse: s-maj=51.0km s-min=21.4km az=127.0

Main table for IDC 08 12:29:13.2-1.4, 6:56S-154:49E, listing station names, azimuths, phase IDs, and times.

IDC 08 12:47:12.4-1.1, 26:42S-176:63W, h0km, mb4.0/9, mb1 4.2/9, mb1mx4.1/15, mbtmp4.0/9, MS3.7/6, Ms1 3.7/6, ms1mx3.3/24, Error ellipse: s-maj=37.7km s-min=24.8km az=142.0

Main table for IDC 08 12:47:12.4-1.1, 26:42S-176:63W, listing station names, azimuths, phase IDs, and times.

Table for RAR Rarotonga, DZM Mont Dzumac, TBI Tubuai, PPT2 Papeete2, HNR Honiara, STKA Stephens Creek, etc.

WEL 08 12:48:13.9-0.2, 45:42S-166:71E, h22km, 1km, ML3.7/15, 4D, Error ellipse: s-maj=1.7km s-min=1.7km az=90.0, Off west coast of South Island

Main table for WEL 08 12:48:13.9-0.2, 45:42S-166:71E, listing station names, azimuths, phase IDs, and times.

IDC 08 12:55:50.8-15.0, 24:00S-179:43E, h689km, 206km, mb2.8/5, mb1 3.0/5, mb1mx2.8/16, mbtmp2.8/5, Error ellipse: s-maj=106.8km s-min=75.7km az=150.0, South of Fiji Islands

Main table for IDC 08 12:55:50.8-15.0, 24:00S-179:43E, listing station names, azimuths, phase IDs, and times.

AUST 08 13:23:35.3-7.3, 9:57S-118:55E, h0km, Error ellipse: s-maj=1.6km s-min=0.9km az=289.0

Main table for AUST 08 13:23:35.3-7.3, 9:57S-118:55E, listing station names, azimuths, phase IDs, and times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, WSI Waingapu, LRFI Labuhan Bajo, MTNI Mataram, etc.

SKHL 08 13:23:57.9.0.4, 50.008N x 136.20E, h12km, 3km, mb3.9/2, Southeastern Siberia

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

ISC 08 13:40:04.5.3.7, 11.11N x 34.07E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/21, mbtmp3.6/5, Error ellipse: s-maj=94.2km s-min=29.0km az=169.0

ISC 08 13:40:06.4.1.1, 11.11N, 0.02:34.03E:0.07, h10km, n8, s16/11, mb3.6/6, Sudan

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

ISCJTB 08 13:47:15.5.0.6, 26.26N, 0.07:96.51E:0.07, h33km, mb3.7/12, Error ellipse: s-maj=10.6km s-min=8.1km az=149.2

ISC 08 13:47:20.1.4.1, 26.11N, 96.29E, h58km, 40km, mb3.4/11, mb1 3.5/12, mb1mx3.4/27, mbtmp3.7/12, ML3.6/1, Error ellipse: s-maj=55.7km s-min=16.1km az=67.0

ISC 08 13:47:17.9.0.8, 26.27N, 0.10:96.45E:0.09, h35km, n15, s05/8/17, mb3.8/12, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like IMP Imphal, SHL Shilong, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, HFS Hagfors, NOA NORARS Array B, etc.

ISC 08 13:52:18.9.0.5, 49.14S, 9.93W, h0km, mb4.2/12, mb1 4.3/12, mb1mx4.2/19, mbtmp4.2/12, MS4.1/18, MS1.4/17, ms1mx4.1/20, Error ellipse: s-maj=18.9km s-min=16.7km az=92.0

ISCJTB 08 13:52:19.0.0.5, 49.16S, 0.09:9.9W:0.1, h10km, mb4.3/15, MS4.1/18, Error ellipse: s-maj=13.0km s-min=12.6km az=143.5

NEIC 08 13:52:20.6.0.3, 49.15S, 9.88W, h10km, mb4.8/6, Error ellipse: s-maj=10.1km s-min=10.0km az=170.0

ISC 08 13:52:20.6.0.5, 49.18S, 0.10:9.9W:0.1, h10km, n59, s07/8/44, mb4.4/15, MS4.2/18, 2.3C, Southern Mid-Atlantic Ridge

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

ASCENSION HYDRO 29 353 T, ASCENSION HYDRO 29 353 T, ASCENSION HYDRO 30 353 T

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like QSPA South Pole Qui, PLCA Paso Flores, CPUP Villa Florida, etc.

mb1 4.2/14, mb1mx4.0/27, mbtmp4.1/14, ML4.5/2, MS3.4/4, Ms1 3.5/4, ms1mx3.0/49, Error ellipse: s-maj=42.6km s-min=14.9km az=52.0

ISCJTB 08 14:31:00.8.0.5, 8.10N, 0.06:91.77E:0.07, h25km, mb4.0/12, MS3.7/2, Error ellipse: s-maj=11.0km s-min=6.5km az=144.8

DJA 08 14:31:09.7.1.5, 8.1N, 6.92E, 1.6, h30km, MA.7/7, mB5.4/3, MB4.8/7, MLV4.6/2, Mw(mB)4.9/3

ISC 08 14:31:02.7.0.8, 8.07N, 0.09:91.8E:0.1, h25km, n49, s17/14/2, mb4.1/12, Nicobar Islands region

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

MEX 08 14:32:22.2.0.6, 17.18N x 100.05W, h44km, 8km, MD3.5, Guater

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, etc.

MAN 08 14:43:14, 16.31N, 122.27E, h37km, mb4.8, ML3.7, MS3.7, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CAUP Cauayan, PALP Palanan, BALP Baler, etc.

ISC 08 15:06:15.7.1.2, 34.28N, 25.90E, h0km, mb3.6/5, mb1 3.7/8, mb1mx3.5/24, mbtmp3.6/8, ML3.7/3, Error ellipse: s-maj=23.9km s-min=18.1km az=35.0

ISCJTB 08 15:06:17.5.0.6, 34.01N, 0.05:25.96E:0.06, h48km, 10km, mb3.5/5, Error ellipse: s-maj=10.9km s-min=5.0km az=139.5

CSEM 08 15:06:17.9.0.3, 34.14N, 25.91E, h100km, ML3.5, Error ellipse: s-maj=14.6km s-min=6.4km az=69.0

ATH 08 15:06:19.2.7.3, 24.32N, 25.62E, h100km, 6km, ISC 08 15:06:18.8.1.1, 34.04N, 0.06:25.78E:0.06, h49km, 15km,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZKR Zakros, LAST Lasithi, NPS Neapolis, SIVA Sivas, etc.

IDC 08 15:19:40.1±6.9,30.905x179.03W,h179km,57km, mb3.6/4,mb1 3.7/5,mb1mx3.4/7,mbtmp3.6/5, Error ellipse: s-maj=54.4km s-min=28.8km az=37.0.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

IDC 08 15:22:10.9±3.5,5.725x149.62E,h0km,mb3.6/3, mb1 3.9/4,mb1mx3.6/7,mbtmp3.8/4,ML3.2/1, Error ellipse: s-maj=112.3km s-min=39.9km az=114.0, New Britain region

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

AUST 08 15:21:47.0±3.505x127.01E,h200km, ISCJB 08 15:22:22.5±1.3,6.35x102.127.8E,0.3,h353km,mb3.1/1, Error ellipse: s-maj=38.1km s-min=15.2km az=156.8

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MTN Manton Dam, KDU Kakadu, KNRA Kunururra, etc.

IDC 08 15:38:47.2±2.5,4.07Sx126.39E,h376km,26km,mb3.3/4, mb1 3.5/7,mb1mx3.2/3,mbtmp3.3/7, Error ellipse: s-maj=49.9km s-min=10.9km az=63.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NLAI Namlea, BNDI Bandanaira, KKSII Kolaka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SPSI Sidrap Lupa, KAPI Kappang, SWI Sorong, etc.

CSEM 08 15:39:49.9, 12.42N-45.65E, h5km, ML3.5, After DHMR DHMR 08 15:39:49.9±1.3, 12.42N-45.65E, h5km, 60km, ML3.5, 3D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LBOS, BDHA Al Bayda, TRBA, etc.

NOU 08 15:46:01.1±2.5, 15.665x168.48E, h30km, 999km, MD4.1, ML3.2

IDC 08 15:46:09.3±0.6, 16.01Sx167.98E, h178km, 4km, mb5.0/26, mb1 5.0/28, mb1mx5.0/31, mbtmp5.0/28, MS4.2/6, Ms1 4.2/6, ms1mx3.8/27, Error ellipse: s-maj=11.9km

NEIC 08 15:46:09.2±0.2, 16.01Sx167.99E, mb5.3/48, MW5.5, Error ellipse: s-maj=5.9km s-min=5.5km az=105.0, Moment Tensor Solution. s15 Moment Tensor: M0=0.04; M1=0.35; M2=0.39; M3=1.55; M4=0.27; M5=1.21; Best double couple: M2=0.0000x1017 NP1: q=50.00000, d88.00000, l-99.00000. NP2: q=309.00000, d9.00000, l-11.00000. Principal axes: T 2.1800, P1g42.0000, Azm148.0000; N -0.3700, P1g9.0000, Azm55.0000; P -1.8100, P1g46.0000, Azm310.0000;

BJI 08 15:46:11.8, 15.35Sx167.54E, h177km, mb5.2/35, mb5.1/50 MOS 08 15:46:11.9±1.1, 16.03Sx167.88E, h212km, mb5.3/22, Error ellipse: s-maj=11.9km s-min=9.1km az=19.2 GCMT 08 15:46:12.3±0.1, 15.99Sx167.83E, h187km, MW5.5, Moment Tensor Solution. s84,c145; s25,c25; Moment Tensor Solution 1017Nm; M1=0.03; M2=0.77; M3=0.74; M4=1.24; M5=0.63; M6=0.3; M7=1.27; M8=0.2; Best double couple: M2=0.0000x1017 NP1: q=36.00000, d88.00000, l-11.00000. NP2: q=302.00000, d27.00000, l-4.00000. Principal axes: T 2.900, P1g37.0000, Azm150.0000; N -0.4900, P1g27.0000, Azm37.0000; P -1.7400, P1g41.0000, Azm280.0000; Data Used: I1 UII G CN. Surface waves: sta=109, comp=208, per=50.

DJA 08 15:46:14.4±1.4, 16.54Sx16.8E, h212km, 15km, M5.2/61, mb5.5/61, mb5.7/47, Mw(MB)5.2/47

ISC 08 15:46:09.0±0.3, 16.03Sx10.04x168.03E, h179km, 1km, h179km; pP-P, n337, s1939/435, mb5.3/113, 14C-6D, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PMG Port Moresby, URZ Urewera, COEN Coen, etc.

8d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like JOW Kunigami, BTM Bitulu, SIBU Siburu, MAT Matsushiro, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like BJL BJL, BJL BJL, BJL BJL, BJL BJL, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like LSA Lhasa, LSA Lhasa, LSA Lhasa, LSA Lhasa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KURK Kurchatov, KURKB Kurchatov Arra, and many others.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DBIC Dimbokro, TIC Toundi, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GMRC Granite Mounta, YBH Yreka Blue Hor, and many others.





TORD Torodi Ar. Be... PKP PKPdf 16 06 43.1 -0.4

TORD comp=Z,1.1nm,0.7s,baz=300,slow=0.5,SNR=3.9

TORD comp=Z,3.2nm,0.8s,baz=181,slow=3.8,SNR=5.3

ISCJB 08 15:56:24.8... Error ellipse: s-maj=15.6km s-min=12.6km

IDC 08 15:56:24.9... mb3.0/1, Error ellipse: s-maj=15.6km s-min=11.0km

GUC 08 15:56:24.0... h220km, ML4.2

ISC 08 15:56:25.0... h183km, n13, r191617, 3C-2D, Santa Province

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

IDC 08 16:04:28.4... mb1 3.8/6, mb1mx3.7/17, mbtmp3.7/6, MS4.7/1, Ms1 4.7/1

ISC 08 16:04:34.9... h123km, n8, r15577, mb3.5/6, Santa Cruz Islands

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

AUST 08 16:37:26.1... Error ellipse: s-maj=4.2km s-min=1.4km az=337.0

IDC 08 16:38:15.3... mb3.4/3, mb1 3.6/4, mb1mx3.0/18, mbtmp3.4/4, Error ellipse: s-maj=24.7km s-min=100.5km az=64.0

ISC 08 16:37:59.7... h505km, n15, r058717, mb4.2/3, Fiji Islands region

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

ISCJB 08 17:14:03.1... mb3.6/3, MS3.5/6, Error ellipse: s-maj=8.6km s-min=6.6km

IDC 08 17:14:04.7... mb1mx3.8/27, mbtmp4.2/8, ML4.7/3, MS3.5/2, Ms1 3.6/12

ISC 08 17:14:04.9... h805km, n16, r245416, mb3.7/3, MS3.5/6, Tanzania

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

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

IDC 08 17:22:52.1... mb1 3.7/4, mb1mx3.6/16, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=74.0km s-min=39.8km az=167.0

NOU 08 17:22:53.4... h10km, MD3.2

ISC 08 17:22:55.6... h25km, n10, r010115, mb3.5/3, Southeast of Loyalty Islands

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

KRSC 08 17:25:26.2... h51km, n5, ML3.8, Kuril Islands

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

IDC 08 17:45:36.9... mb3.8/12, mb1 4.0/14, mb1mx3.9/20, mbtmp4.4/14, Error ellipse: s-maj=18.9km s-min=10.0km az=129.0

NEIC 08 17:45:36.2... h141.0km, mb4.5/4, Error ellipse: s-maj=18.0km s-min=10.2km az=141.0

ISCJB 08 17:45:37.0... mb4.2/16, Error ellipse: s-maj=12.7km s-min=7.0km

AUST 08 17:45:38.6... h262km, Error ellipse: s-maj=2.1km s-min=1.5km az=359.0

ISC 08 17:45:38.9... h72km, n77, r151983, mb4.2/16, 6C-3D, Tonga Islands

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

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

DJA 08 17:56:29.4... h47km, n12km, M3.0/6, ML3.0/6, Jawa

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

ISCJB 08 18:11:37.6... h10km, mb3.8/8, Error ellipse: s-maj=29.2km s-min=17.1km az=164.1

IDC 08 18:11:37.6... h10km, mb3.8/8, mb1 4.0/8, mb1mx3.7/24, mbtmp3.8/8, Error ellipse: s-maj=31.2km

ISC 08 18:11:39.4... h10km, n8, r1934/8, mb3.8/8, Carlsberg Ridge

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

ISCJB 08 18:12:48.4... h10km, mb3.8/9, Error ellipse: s-maj=25.1km s-min=16.2km az=155.2

IDC 08 18:12:48.4... h10km, mb3.8/9, mb1 4.0/9, mb1mx3.8/25, mbtmp3.8/9, Error ellipse: s-maj=27.3km

ISC 08 18:12:50.0... h10km, n9, r0886/9, mb4.0/9, Carlsberg Ridge

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



DJA 08 18:42:09.0, 1.11N, 121.66E, h40km, M3.5/3, ML3.5/3, Northern Molucca Sea

NIED 08 18:55:00.31, 20N, 132.50E, h14km, Mw3.9 Best double couple: Ms=5.70000, 1014 NP1=239.00000, 864.00000, -75.00000, NP2=28.00000, 830.00000, -117.00000

ISCJB 08 18:55:33.4, 0.5, 31.26N, 0.03, 132.45E, 0.4, h27km, mb4.0/B, Error ellipse: s-maj=6.1km s-min=4.0km az=34.8

JMA 08 18:55:33.0, 0.2, 31.20N, 132.47E, h51km, M3.8, IDC 08 18:55:39.6, 2.6, 31.23N, 132.01E, h56km, 2.4m, mb3.8/B, mb1.3/1.0, mb1mx3.7/2b, mbtmp3.8/10, ML3.8, 2.1, Ms1.3/2.1, ms1mx2.5/3.7, Error ellipse: s-maj=45.1km s-min=14.9km az=4.0

ISC 08 18:55:35.1, 0.8, 31.31N, 132.37E, 0.05, h27km, n27, #09732, mb4.2/B, 8C, Southeast of Shikoku

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

IDC 08 19:11:12.9, 9.5, 2.14N, 127.27E, h0km, mb3.6/4, mb1.3/9.4, mb1mx3.5/20, mbtmp3.7/4, Error ellipse: s-maj=149.8km s-min=103.4km az=146.0, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

DDA 08 19:28:03.4, 37.39N, 36.20E, h7km, ML3.7, ISK 08 19:28:03.9, 37.39N, 36.21E, h5km, ML3.2, ISCUB 08 19:28:04.4, 0.4, 37.33N, 0.02, 36.22E, 0.03, h7km, 4km, Error ellipse: s-maj=4.0km s-min=3.4km az=167.2, CSEM 08 19:28:04.6, 0.1, 37.33N, 36.21E, h8km, ML3.7, Error ellipse: s-maj=3.0km s-min=2.8km az=23.0, ISC 08 19:28:03.7, 1.0, 37.31N, 0.02, 36.23E, 0.02, h8km, 9km, n66, #0990/93, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

Table with columns: BTCH Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

Table with columns: BTCH Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

IDC 08 19:29:32.8, 0.8, 29.91N, 81.98E, h0km, mb3.7/12, mb1.3/9.13, mb1mx3.8/26, mbtmp3.8/13, ML4.1/1, Error ellipse: s-maj=27.4km s-min=15.6km az=42.0, ISCUB 08 19:29:34.8, 0.4, 30.01N, 0.05, 82.13E, 0.05, h21km, mb3.6/12, Error ellipse: s-maj=6.8km s-min=5.4km az=24.6, NDI 08 19:29:36.2, 4.2, 30.15N, 82.16E, h10km, ML3.4, ISC 19:30:06.4, 0.6, 30.07N, 0.07, 82.20E, 0.06, h21km, n28, #1343/30, mb3.7/12, 1C, Xizang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

Table with columns: SHL Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

Table with columns: SHL Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC Op, h, m, s, ISC Time Res

8d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MTKI, SMRI, LUWI, YOGI, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRAB, CUYO, GUMJ, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTAO, BBOO, PBKT, etc.



8d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH Kashi, RAO Raoul Island, MKEY Mahe Island, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW comp=Z,1.1nm,1.2s, MAW comp=Z,38um,18.4s, MAW comp=Z,70,SNR=145, etc.

300

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO Kilima Mbogo, KMBO Kilima Mbogo, FURI Furi, etc.







Table with columns: BLG, Laguna Peak, 121.22, 55, JP, PKPpdf, 20 00 34.7 -1.5, etc. Lists various astronomical observations with dates, times, and magnitudes.

Table with columns: YMR, Madison River, 123.89, 41, ePKPpdf, PKPpdf, 20 00 42.1 +0.9, etc. Lists astronomical observations, including some with coordinates and specific instrument details.

Table with columns: A25A, Svangstu Ranch, 126.46, 33, JP, PKPpdf, 20 00 44.8 -0.9, etc. Lists astronomical observations, including some with coordinates and specific instrument details.

8d 19h

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Lac du Bonnet, Ramah, Mack Ranch, etc.

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Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Anderson Farm, Okreek, Fountain Ranch, etc.

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Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Stockton, Vega, Tatum, etc.

Table with columns: ID, Name, Az, El, AzEl, Status, Date, Time, Res, ISC. Includes stations like W33A Caddo, U34A Anderson Ranch, 231A Bronite, etc.

Table with columns: ID, Name, Az, El, AzEl, Status, Date, Time, Res, ISC. Includes stations like PB09 Plate Boundary, PB01 Plate Boundary, HMBG Humberstone, etc.

Table with columns: ID, Name, Az, El, AzEl, Status, Date, Time, Res, ISC. Includes stations like VAM Vamos, VAM Eppalio, VAM Eppalio, etc.

8d 20h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Labuhan Bajo, Waingapu, Mataram, etc.

IDD 08 20:32:42.0±0.8, 24°54'N, 123°53'E, h0km, mb4.1/13, mb1.4/2.13, mb1mx4.1/27, mbtmp4.1/13, MS4.5/1, Ms1.4/5.1, ms1mx4.2/45, Error ellipse: s-maj=3.0, 3km

ISCJB 08 20:32:44.1±0.5, 24°42'N, 123°50'E, h22km, 4km, mb4.0/13, Error ellipse: s-maj=8.3km, s-min=4.3km, az=174.0

JMA 08 20:32:44.8±2.4, 24°44'N, 123°55'E, h13km, 2km, M4.5 JMA Felt J1

ISC 08 20:32:44.3±1.1, 24°44'N, 123°52'E, h0.03, h13km, 7km, n27, r1505/38, mb4.0/13, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Iriomote-Funau, Hatsumura jima, Yonaguni jima, etc.

IDD 08 20:33:27.3±1.6, 8°12'S, 118°84'E, h0km, mb4.0/4, mb1.4/17, mb1mx3.9/22, mbtmp4.0/7, ML3.7/3, MS4.2/1, Ms1.4/2.1, ms1mx3.7/33, Error ellipse: s-maj=5.2, 2km

ISCJB 08 20:33:31.9±0.4, 8°17'S, 119°04'E, h34km, mb4.1/3, Error ellipse: s-maj=6.9km, s-min=4.8km, az=174.8

DJA 08 20:33:34.2±1.0, 8°53'S, 119°9'E, h24km, 14km, M4.3/13, mb4.4/1, MLV4.3/13

AUST 08 20:33:52.9±9.4, 9°49'S, 119°97'E, h60km ISC 08 20:33:10.7±8.1, 10°05'N, 118°96'E, h34km, n32, r157/34, mb4.1/4, Sumbawa region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Labuhan Bajo, Waingapu, Mataram, etc.

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M5.5/26, Ms7.5/326 ISCJB 08 20:35:19.9±0.2, 6°58'N, 102°03:60'14E, h10km, ms5.2/161, MS5.3/16, Error ellipse: s-maj=4.8km

s-min=3.4km, az=4.8 IDD 08 20:35:20.1±0.4, 6°36'N, 102°39'E, h0km, mb4.7/26, mb1.4/8.26, mb1mx4.8/29, mbtmp4.7/26, MS5.3/6, Ms1.5/3.6, ms1mx4.9/32, Error ellipse: s-maj=12.8km

s-min=11.9km, az=119.0 MOS 08 20:35:20.1±2.1, 6°66'N, 102°20'E, h10km, mb5.5/61, Error ellipse: s-maj=6.8km, s-min=3.8km, az=111.0

NEIC 08 20:35:21.4±0.2, 6°70'N, 102°26'E, h10km, mb5.5/58, Error ellipse: s-maj=5.5km, s-min=5.1km, az=168.0

GCMT 08 20:35:23.8±0.3, 6°48'N, 102°34'E, h12km, MW5.6, Moment Tensor Solution, s20, c23; s68, c99; Moment tensor: Scale 1017Nm; Mr=1.78; 11; Mw=1.52; 09; Ms=0.26; 10; Mo=0.26; 37; Mss=1.23; 08; Mr=2.37; 45; Best double couple: Ms3.10000; 1017; NP1.335.00000; 871.00000; λ-62.00000; NP2.396.00000; 833.00000; λ-144.00000; Principal axes: T 2.8600, Plg22.0000; Azm44.0000; N 0.5200, Plg26.0000; Azm146.0000; P -3.3900, Plg55.0000; Azm280.0000; Data Used: II IC U G CN

DJA 08 20:35:28.1±2.1, 2°7'N, 5°6'E, h41km, 13km, Ms5.1/23, mb5.1/23 ISC 08 20:35:28.2±0.4, 6°36'N, 102°05:60'25E, h0.05, h17km, 1km, h16km; pp-P, n52.1, r1928/525, mb5.2/162, MS5.3/16, 40C-12, Carlsberg Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Mahe Island, Ashiyah, Wadi Hilu, etc.

2042 37.4 +16

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

Table with columns: SLR, Silvertown, 44.70 223, P, P, 20 43 35.4 -0.4, etc. Includes stations like Silvertown, East rand prop, Lobatse, Kurchatov, Borovoye Array, etc.

Table with columns: BURAR, Bucovina Array, 50.63 330, P, P, 20 44 22.3 +0.8, etc. Includes stations like Bucovina Array, Malin Array, Zalesovo Beam, etc.

Table with columns: KHC, Kasperske Hory, 57.74 326, eP, P, 20 45 11.7 -1.6, etc. Includes stations like Kasperske Hory, Wattenberg, Novy Kostel, etc.

8d 20h

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

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

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

Table with columns: DWN, Daman, 48.25 283 eP, P, 21 05 57.7 -0.1, etc.

NEIC 08 21:02:02.8, 51.73N, 176.66W, h67km, ML3.5(AEIC), After AEIC., Andros Islands

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

IDC 08 21:12:06.91.4, 18.40S, 177.97W, h528km, 17km, mb3.4/11, mb1 3.7/13, mb1mx3.6/19, mbtmp4.3/13, Error ellipse: s-maj=19.5km s-min=11.0km az=139.0

ISCJB 08 21:12:08.0.4.0, 18.39S:0.10:178.02W:0.07, h557km, mb4.2/24, Error ellipse: s-maj=13.6km s-min=8.1km az=154.2

NEIC 08 21:12:08.3.0.8, 18.43S:177.85W, h561km, 10km, mb4.1/3, Error ellipse: s-maj=16.9km s-min=14.6km az=143.0

AUST 08 21:12:09.9, 17.51S, 177.98W, h600km, ISC 08 21:12:08.9.0.5, 18.4S:0.11:177.99W:0.09, h557km, n69, o=877/0, mb4.2/24, 6C-3F, Fidj Islands region

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

Table with columns: BLDU, Ballidu, 59.94 245 P, P, 21 21 21.6 -0.5, etc.

IDC 08 21:24:39.21.1, 8.32S, 118.67E, h0km, mb3.7/4, mb1 4.0/7, mb1mx3.7/22, mbtmp3.0/7, ML4.2/3, Error ellipse: s-maj=17.0km s-min=17.9km az=59.0

ISCJB 08 21:24:43.0.3, 8.22S:0.03:118.90E:0.04, h34km, mb3.6/5, Error ellipse: s-maj=5.4km s-min=4.5km az=153.5

NEIC 08 21:24:43.6.0.5, 8.29S:118.73E, h35km, mb3.5/3, Error ellipse: s-maj=16.6km s-min=7.9km az=63.0

NEIC Felt [I] at Tololai, DJA 08 21:24:45.5.0.9, 8.53S:111.9E, h29km, 12km, M4.4/15, mb4.7/3, MLV4.3/15

AUST 08 21:24:47.4, 8.49S:118.97E, h60km, ISC 08 21:24:44.3.0.6, 8.22S:0.04:118.86E:0.04, h34km, n50, o=1549/9, mb3.7/5, Suvva region

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

IDC 08 21:32:14.1.3.3, 50.55N:177.98E, h0km, mb3.5/4, mb1 3.8/6, mb1mx3.5/27, mbtmp3.6/6, ML3.8/2, Error ellipse: s-maj=69.4km s-min=18.4km az=16.0

NEIC 08 21:32:25.6.1.5, 28N:177.47E, h13km, ML3.3(AEIC), After AEIC, ISC 08 21:32:20.3.2.1, 50.8N:0.33:177.98E:0.06, h33km, n17, o=1504/20, mb3.8/4, Rat Islands

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

MEX 08 22:04:42.6.0.5, 18.07N:101.84W, h28km, 9km, MD3.6, Guerrero

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

IDC 08 22:18:20.3.0.4, 2.25S:175.70W, h0km, mb4.8/20, mb1 5.0/23, mb1mx5.0/25, mbtmp4.9/23, ML5.2/2, MS4.2/3, MS1 4.2/3, mb1mx3.8/22, Error ellipse: s-maj=16.7km s-min=12.5km az=122.0

AUST 08 22:18:21.0.0.6, 22.59S:174.92W, h39km, 9km, Error ellipse: s-maj=14.1km s-min=4.8km az=123.0

ISCJB 08 22:18:24.0.1, 22.75S:0.04:175.80W:0.04, h33km, mb5.2/124, MS5.0/7, Error ellipse: s-maj=6.9km s-min=3.4km az=140.0

BUI 08 22:18:24.3, 22.92S:175.71W, h45km, mb5.7/16, mb5.1/25, MS5.5/13, MS7 5.2/13

NEIC 08 22:18:26.4.1.1, 22.73S:175.86W, h44km, 10km, mb5.2/98, Error ellipse: s-maj=6.9km s-min=3.9km az=150.0

BGS 08 22:18:28.3.5.4, 22.73S:175.86W, h40km, mb5.2(NEIC), MOS 08 22:18:30.3.2.5, 21.29S:175.75W, h33km, mb5.3/47, Error ellipse: s-maj=15.9km s-min=8.6km az=63.5

ISC 08 22:18:25.8.0.3, 22.70S:0.10:175.83W:0.06, h39km, 4km, h39km, p=2, n63, o=1503/663, mb5.2/123, MS5.0/7, 135C-106D, Tonga Islands region

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

8d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMG, STKA, COEN, BBOO, AS17, AS31, ASAR, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, JOHA, PONY, KIP, KIP, KDU, FORT, FORT, KNRA, FITZ, FITZ, FITZ, VBA, SDA, VBA, VBA, KLBR, MEEK, MORW, QSPA, ATKA, TPUB, CIS, SAO, SAO, SAO, YSS, MWC, MWC, PETK, PETK, MURC, MONP, YES, EDWZ, ISA, ISA, ISA, PFO, PFO, PFO, CMB, CMB, LRCM, KRSR, KRSR, OCHM, BELC, WDC, WDC, WDC, WDC, MAW, MAW, CWC, CWC, B3C, B3C, GSC, GSC, GSC, MPMC, GLA, GLA, GLA.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GLA, HEC, MTUN, WAKR, IRM, YBH, GMRC, BEKR, Y12C, GRAC, TUQ, NVAR, NVAR, NV11, PAHR, PDMO, TPNV, TPH, TPH, Z14A, USRK, Y14A, SHPR, W13A, MOD, TUC, TUC, TUC, NJ2, NJ2, R11A, H04A, BMN, BMN, PINOR, HABR, HABR, HABR, H16A, MDJ, MDJ, WVOR, WVOR, E03A, QIZ, QIZ, BMW, BMW, VIFM, VIFM, CCUT, FL2, NLWA, U15A, ERK, I07A, WUAZ, WUAZ, TDL, T20A, G06A, J08A, OSD, 120A, ELK, X18A, LON, LON, LON, Z20A, D05A, 221A, RSO, W18A, W18A, SYO, 121A, 121A, MVU, Y20A, E07A, LTY, Z21A, HAWA, H20A, DUG, DUG, DUG, SNA, SPU, BMO, W20A.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Y21A, Z22A, BGU, X21A, NLU, Q16A, WTV, 324A, V20A, 425A, VNA2, 626A, PLCA, PLCA, Y22A, MNTX, LENM, LAZ, 224A, VNA1, F10A, Z23A, 325A, TXAR, TXAR, 526A, X22A, OD2, SRU, SRU, HVU, HVU, HLID, PMR, PMR, PMR, BNM, LPM, JLU, 627A, 124A, DAU, DAU, DAU, B08A, 426A, 527A, PV05, Y23A, 225A, C09A, U21A, PV09, Z24A, ANMO, 628A, X23A, 326A, GSI, PV01, V22A, GD12, 125A, Y24A, 427A, 226B, W23A, 326A, 528A, S21A, V23A, CAST, 126A, 428A, Y25A, NEW, 529A, W24A, 328A, TRF, Z26A, MCM2, S22A, RRI2, V24A, 429A, 228A, MCK, MCK.



Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like MCK McKinley, 530A J-C Ranch, W25A X Bar L Ranch, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Z31A Sharp Cattle R, ABTX Abilene, Hawle, I21A Big Trails, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like KBL Kabul, KBS Kingsbay, SVE Art, etc.

Table with columns: MONM, 150.41, 9, AMB, AMB, 22 38 10.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Lists astronomical objects with detailed parameters.

Table with columns: KDKA, Kodiak Island, 10.65, 53, ePn, Pn, 23 07 47.8 -2.1, etc. Lists astronomical objects with detailed parameters.

ISCJB 08 22:42:06.8, 1.4, 0.4N, 0.2E, 17.2W, 0.1, h10km, mb4.0/7, Error ellipse: s-maj=27.1km s-min=15.9km az=1.4

ISC 08 22:42:06.8, 1.1, 5.03N, 0.17E, 17.2W, 0.2, h10km, n19, s-maj=49.1km s-min=32.8km az=178.0

ISC 08 23:05:17.4, 0.6, 5.22N, 0.05E, 168.55W, 0.003, h40km, 2km, h30km, n17, s-maj=3.7km s-min=2.1km az=179.0



8d 23h

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SN2, SMCO, S20A, O23A, I27A, C30A, HIA, ULM, ULM, D30A, N24A, H28A, F29A, MVCO, MVCO, X16A, M25A, Q28A, ISCO, ISCO, ISCO, E30A, S21A, P23A, O24A, I28A, JCJ, F30A, H29A, J28A, W18A, S22A, I29A, G30A, O25A, AGMN, 214A, X18A, K28A, Q24A, V20A, M27A, U21A, T22A, J29A, P25A, O26A, BRSD, BRSD, I30A, W20A, N27A, V21A, SDCO, K29A, U22A, KULLO, KULLO, OGNE, J30A, P26A, S24A, X20A, O27A, V22A, SNY, SNY, SNY, SNY, TUC, TUC, W21A, Q26A, K30A, KRSR, KRSR, KS01, H25A, U23A, KSAR, T24B, M29A, S25A, O28A, Y20A, X21A, L30A, V23A, R26A, KSC0, KSC0, U24A, Y20A, Y21A, LAZ, X22A, L31A, ANMO, ANMO, W23A, R27A, S26A, O29A, Q28A, ISCO, LEMN, V24A, T20A, U25A, JNU, JNU, LPM, ECSD, Z21A, Y22A, BNM, W24A, V25A, R28A, 319A, U26A, EYMN, N31A, Q29A, P30A, 220A, 121A, Z22A, BGNE, BGNE, T27A, Y23A, O31A, R29A, W25A, V26A, Q30A, 320A, T28A, U27A, Z23A, Y24A, P31A, S29A, W26A, R30A, SPMN, SPMN, U28A, V27A, Z24A, Y25A, S30A, X26A, W27A, R31A, 124A, Q32A, U29A, T30A, Y26A, KBS, KBS, KBS, P33A, R32A, S31A, U30A, 224A, Q33A, Z26A, 125A, T31A, Y27A, MNTX, MSTX, MSTX, 225A, R33A, AMTX, 324A, 126A, SPITS, SPITS, Z27A, DAG, DAG, DAG, T32A, COWI, GDLT, KSU1, X29A, Y28A, 325A, 226B, S33A, 127A, SCIA, IRK, IRK, V31A, T33A, U32A, Z28A, Y29A, 425A, X30A, W31A, 326A, V32A, 128A, SUMG, SUMG, SUMG, SUMG, Z29A, TLY, TLY, TLY, X31A, W32A, 129A, Z30A, V33A, 426A, U34A, JFWS, JFWS, JFWS, BJI, BJI, BJI, BJI, BJI, BJI, BJT, 328A, 427A, ULN, ULN, ULN, W33A, 526A, WMOK, WMOK, V34A, Y32A, 130A, Z31A, 527A, ZAK, ZAK, W34A, 329A, 626A, 428A, 131A, 230A, Z32A, SFJD

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like SFJD, TX31, TXAR, 330A, 627A, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like ARCES, VBMS, PTTN, LONJ, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like BRVK, MKAR, MK01, etc.



Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like BGFF, BGF, PK9S, VRI, SOKA, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like AGRB, EPF, RSDY, etc.

Table with columns: Call sign, Frequency, Mode, Power, Direction, and other parameters. Includes stations like YKA, USRK, KSRS, etc.

ICD 08 23:08:30.6i.0.9.52i.30kN.168i.45W, h0km, mb4.3/21, mb1.4.5/22, mb1mx4.4/29, mb1tmp4.3/22, ML3.6/1, Error ellipse: s-maj=25.1km s-min=14.1km az=162.0

ISCJB 08 23:08:32.9i.0.4.52i.13N.0i.04i.168i.37W.0.07, h26km, mb4.4/26, Error ellipse: s-maj=7.5km s-min=4.2km az=138.5

NEIC 08 23:08:34.0.52i.17N.168i.35W, h26km, ML3.8(AEIC), After AEIC.

ISC 08 23:08:34.6i.0.6.52i.24N.0i.07i.168i.37W.0.06, h26km, n123, 0887/129, mb4.4/26, Fox Islands

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

ICD 08 23:09:15.7i.1.0.973S.150i.25E, h0km, mb4.1/7, mb1.4.2/10, mb1mx4.1/17, mbtmp4.1/17, ML3.7/3, MS3.7/2, Ms1.3.7/2, ms1mx3.5/23, Error ellipse: s-maj=23.9km s-min=21.0km az=114.0

ISCJB 08 23:09:16.0i.0.9.973S.0i.09i.150i.09E.0i.09, h10km, mb4.1/6, Error ellipse: s-maj=14.2km s-min=11.6km az=141.3

AUST 08 23:09:20.1.10i.04S.150i.32E, h15km, ISC 08 23:09:16.7i.1.0.973S.0i.150i.25E.0i.1, h10km, n21, e1536/18, mb4.2/6, Eastern New Guinea region

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

9d 0h

Table listing astronomical observations for '9d 0h' including station names (e.g., QLP, WRA), station names, and coordinates.

MAN 08 23:10:31, 17.41N-122.30E, h8km, mb4.3, ML3.1, MS2.9, 1C, Luzon

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

NIED 08 23:16:00, 40.00N-142.70E, h14km, Mw4.1 Best double couple: M0.157000:1015 N1.015154,00000, 0.878.00000, 1-72.00000, N1.0276.00000, 0.821.00000, 1-146.00000

JMA Feil JJ 08 23:16:58.9-0.1, 40.02N-142.72E, h28km, M4.3

ISCJTB 08 23:16:58.4-0.9, 40.01N-142.79E, h30km, 6km, mb4.1/24, MS4.6/1, Error ellipse: s-maj=7.9km s-min=4.9km az=138.9

MOS 08 23:16:58.4-1.1, 39.99N-142.86E, h33km, mb4.5/14, Error ellipse: s-maj=13.4km s-min=8.8km az=87.3

IDC 08 23:16:59.0-0.5, 39.96N-142.71E, h30km, 3km, mb3.9/19, mb1.4/21, mb1mx4.0/27, mbmp4.0/21, ML3.6/2, MS4.1/2, Ms1.4/1.2, ms1mx3.5/37, Error ellipse: s-maj=16.2km s-min=11.0km az=97.0

NEIC 08 23:17:00.4-0.3, 39.94N-142.68E, h35km, mb4.5/4, MW4.1(NIED), Error ellipse: s-maj=8.7km s-min=5.7km az=112.0

NEIC Recorded [2 JMA] in Amori and Iwate and [1 JMA] in Miyagi.

ISC 08 23:16:59.9-0.5, 39.99N, 0.04-142.74E, 0.04, h31km, 6km, h30km; p-P, n97, 0120/114, mb4.2/24, 9C-1D, Near east coast of eastern Honshu

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their observations.

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Main table listing astronomical observations for November 2009, including station names (MKAR, IM04, IMA2, etc.), station names, and coordinates.

MEX 08 23:45:12.2-0.5, 15.53N-96.10W, h10km, 5km, MD3.5, Near coast of Oaxaca

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

BEO 09 00:05:48.6-0.9, 38.26N-23.36E, h0km, ML3.9/7, PDG 09 00:06:10.8-0.7, 39.88N-22.89E, h16km, 1km, ML3.7/11, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0, CSEM 09 00:06:10.8-0.1, 39.84N-23.04E, h15km, ML3.8/17, Error ellipse: s-maj=1.8km s-min=1.5km az=80.0, ATH 09 00:06:10.2, 39.84N-22.97E, h27km, ML3.7, ISCJTB 09 00:06:11.0-0.2, 39.84N, 0.008-22.98E, 0.01, h24km, 2km, mb4.0/10, Error ellipse: s-maj=1.7km s-min=1.4km az=171.0

THE 09 00:06:11.1, 39.85N-22.98E, h9km, ML3.8/17, Error ellipse: s-maj=0.9km s-min=0.4km az=84.0, SKO 09 00:06:11.9, 39.96N-22.99E, h7km, M3.1, ML3.4, IDC 09 00:06:13.0-0.4, 39.84N-22.92E, h30km, 3km, mb3.8/9, mb1.3/9/16, mb1mx3.7/31, mbmp3.8/16, ML3.4/6, Error ellipse: s-maj=18.2km s-min=14.9km az=98.0, VIE 09 00:06:14.6, 39.79N-22.97E, h32km, mb3.8, ML3.3, ISC 09 00:06:10.8-0.9, 39.84N, 0.01-22.96E, 0.01, h15km, 6km, n458, 0996/614, mb4.0/10, 27C-26D, Greece

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

Large table listing astronomical observations for November 2009, including station names (LIT, LIT, LIT, etc.), station names, and coordinates.



Table with columns for station call signs (e.g., FNA, ERET, KALE), frequencies (e.g., 1.54 308), and various technical parameters (e.g., Pn, P, S, Sg, Sx). The table lists numerous stations across different regions and their operational details.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like HFS Hagfors, FINES FINESSE Array B, NB2 NORSAR Subarra, etc.

AUST 09:00:11:27.0.2.4.8.14S:118.63E, h6km, Error ellipse: s-maj=1.6km s-min=1.0km az=291.0
ISCJB 09:00:11:29.2.0.6.12S:0139.118.72E:0.06, h33km, mb4.1/1.1, MS3.4/1, Error ellipse: s-maj=8.8km s-min=4.5km az=174.6

Main table for 9d 0h section, listing station codes and names like Labuhan Bajo, Waingapu, Mataram, etc.

ICD 09:00:16:03.4.1.6.13:155:166:26E, h0km, mb4.1/3, mb1.4/3.4, mb1mx3.9/18, mbtmp4.1/4, ML3.9/1, Error ellipse: s-maj=43.7km s-min=28.1km az=116.0, Vanuatu Islands

ISCJB 09:00:21:38.3.0.2.43:49S:0104:39:63E:0.05, h10km, mb5.3/100, MS5.2/180, Error ellipse: s-maj=5.9km s-min=4.4km az=138.4

MS5.2/33, Error ellipse: s-maj=17.3km s-min=7.2km az=95.8
NEIC 09:00:21:38.9.0.1.43:46S:39:61E, h10km, mb5.5/44, MS5.3/130, Error ellipse: s-maj=7.0km s-min=6.1km az=64.0

Main table for 2009 NOV section, listing station codes and names like Grahamestown, Kokstad, Gariep Dam, etc.

Main table for 320 section, listing station codes and names like KMBO Kilima Mbogo, MBAR Mbarara, MBAR Mbarara, etc.





Table with 24 columns: Rank, Name, Address, Value, Status, and other details. It lists various properties and locations for the month of November 2009, including Snyder, Terlingua Ranc, Patterson Ranc, and many others.

Table with station names (YBH, YBK, NWLA, etc.), frequencies, and other identifiers.

Station details for IDC 09:00:21:40.2:0.9, 25:57N; 126:07E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.8/22, mbt3p3.7/8, Error ellipse: s-maj=12.2km s-min=18.6km az=66.0...

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gusukube, Miyako jima, Kume jima, etc.

UPP 09:00:25:59.1, 67:83N; 20:20E, h0km, ML1.1, Mining explosion.

HEL 09:00:26:00.0:0.1, 67:83N; 20:19E, h0km, ML1.5, ML1.1(UPP), Explosion.

CSEM 09:00:25:59.0:2, 67.82N; 20:19E, h2km, ML1.1, Error ellipse: s-maj=5.9km s-min=5.1km az=163.0, Mining explosion., Sweden

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nikkaluokta, Lannavaara, Masugnbyn, etc.

Station details for IDC 09:00:52:16.5:1.8, 6:55S; 105:55E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.7/21, mbt3p3.8/5, MS3.9/2, Ms1 3.9/2, ms1mx3.5/26, Error ellipse: s-maj=106.0km s-min=22.6km az=48.0...

DJA 09:00:52:21.2:1.2, 7:S3; 10:5E, h17km, M4.3/13, Error ellipse: s-maj=106.0km s-min=22.6km az=48.0...

mb4.3/3, mb5.3/1, MLV4.2/13, Mv(m)B4.7/1, ISCJB 09:00:52:22.0:0.9, 7:2S; 0:1, 105:24E; 0:07, h56km, mb3.8/5, MS3.9/2, Error ellipse: s-maj=16.4km s-min=5.3km az=30.5

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sukabumi, Lahat, Banda Lampung, etc.

AUST 09:00:52:17.6, 7:99S; 118:47E, h10km, ISCJB 09:00:52:22.0:0.4, 8:1S; 0:04; 1:19:06E; 0:05, h34km, mb4.0/7, Error ellipse: s-maj=6.8km s-min=5.5km az=162.2

IDC 09:00:22:32.3:4, 8:10S; 119:00E, h38km, 28km, mb3.8/7, mb1 4.0/10, mb1mx3.8/23, mbt3p3.9/10, ML3.9/2, Error ellipse: s-maj=32.7km s-min=9.2km az=53.0...

DJA 09:00:52:24.2:2.2, 8:S4; 4:19E, h17km, M4.5/4, mb4.8/2, MLV4.4/4, Error ellipse: s-maj=16.4km s-min=5.3km az=30.5

ISC 09:00:52:23.8:0.6, 8:05S; 105:119:01E; 0:05, h34km, n35, a1548/37, mb4.0/7, Flores region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Labuhan Bajo, Waingapu, Mataram, etc.

IDC 09:01:01:09.7:1.8, 8:23S; 118:29E, h0km, mb3.3/2, mb1 3.6/5, mb1mx3.5/22, mbt3p3.4/5, ML3.5/3, MS3.6/1, Ms1 3.6/1, ms1mx3.0/9, Error ellipse: s-maj=59.4km s-min=22.5km az=61.0...

ISCJB 09:01:01:12.6:1.4, 8:17S; 0:07; 1:18:5E; 0:2, h33km, mb3.4/2, MS3.9/2, Error ellipse: s-maj=24.9km s-min=9.3km az=176.2

AUST 09:01:01:12.5:48.0, 8:05S; 118:48E, h0km, 1km, Error ellipse: s-maj=2.8km s-min=1.2km az=269.0

ISC 09:01:01:14.9:1.5, 8:20S; 108:118:5E; 0:2, h35km, n9, a184/9, Sumbawa region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kappang, Filtroz Crossi, etc.

Table with station names (KNRA, MTN, MEEK, WRA, ASAR, MKAR), frequencies, and other identifiers.

Station details for IDC 09:01:08:42.8:1.6, 1:83N; 126:63E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.7/19, mbt3p3.7/6, ML3.1/1, Error ellipse: s-maj=11.9km s-min=22.6km az=67.0...

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Filtroz Crossi, Warramunga Arr, Alice Springs, etc.

IDC 09:01:13:54.8:0.5, 52:32N; 168:67W, h0km, mb4.8/26, mb1 4.9/28, mb1mx4.9/29, mbt3p4.8/28, ML3.6/2, MS4.3/11, Ms1 4.4/11, ms1mx4.0/43, Error ellipse: s-maj=16.0km s-min=10.0km az=169.0...

ISCJB 09:01:13:56.0:0.8, 52:30N; 168:59W; 0:02, h15km, 5km, mb5.1/266, MS4.6/29, Error ellipse: s-maj=4.2km s-min=2.1km az=87.7

MOS 09:01:13:58.9:1.1, 52:34N; 168:59W, h33km, mb5.4/79, Error ellipse: s-maj=7.6km s-min=4.2km az=91.7

NEIC 09:01:14:00.1:2.5, 52:30N; 168:49W, h31km, 3km, mb5.1/158, Error ellipse: s-maj=4.8km s-min=3.8km az=165.0

GCMT 09:01:14:02.0:3, 52:03N; 168:39W, h23km, 1km, MWV5.1, Moment Tensor Solution, c20:25; s61,c88; Moment tensor: Scalar 10^16Nm; Mrr4.75t, 41; Mxx-3.9t, 25; Mxy-0.81t, 23; Mxz-1.99t, 23; Myx-0.92t, 10; Myz1.27t, 32; Best double couple: Ms1.10000; 1016 NP1.67.00000; delta5.00000; delta3.00000; NP2.261.00000; delta2.00000; delta1.00000; Principal axes: X: 6.37000, Y: 3.57000, Z: 4.73000, Plg14.00000, Azm162.00000; Data Used: II UC G CN. Surface wave period 40 sec.

BUJ 09:01:14:02.1:4, 52:73N; 169:28W, h40km, mb5.2/31, Error ellipse: s-maj=5.0km s-min=5.0km az=179.39

ISC 09:01:14:00.9:0.4, 52:35N; 0:03, h40km, 2km, h38km; P-P, n98h; a1914/1073, ms5.2/267, MS4.6/29, 176C-201D, Fox Islands

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Okmok Cone E, Magazine Ridge, etc.

Station details for COLA College, comp=Z, 240nm, 1.0s, 16.44, 32 ePn, Pn

Station details for IL1 Eielson Array, comp=Z, 68nm, 1.0s, 16.70, 33 ePn, Pn

Station details for ILAR Eielson Array, comp=Z, 0.3nm, 0.3s, 36z=237, slow=10, SNR=58, 16.70, 33 ePn, Pn

Station details for ILB Eielson Array, comp=Z, 37nm, 1.2s, 16.70, 33 ePn, Pn

Station details for DOT Dot Lake, comp=Z, 37nm, 1.2s, 17.09, 39 ePn, Pn

Station details for COLD Coldfoot, comp=Z, 60nm, 1.2s, 17.43, 24 ePn, Pn

Station details for EGAG Eagle, comp=Z, 23nm, 0.8s, 18.75, 38 eP, Pn

Station details for SKAG Skagway, comp=Z, 41nm, 0.9s, 19.75, 56 eP, Pn



9d 1h

Table with 4 columns: Call sign, Name, Frequency/Power, and various status/notes. Rows include K25A Mack Ranch, CN2 Changchun, Q21A Lamborn Mesa, P22A Eagle, SMCO Snowmass, Q23A Lake Granby, S20A Disappointment, I27A Quinn, C30A Mose, P113A Mohawk Valley, HIA Hailar, ULM Lac du Bonnet, G28A Parade, D30A Buchanan, H28A Mission Ridge, F29A Eureka, MVCO Mesa Verde, MVCO Mesa Verde, X16A Lo Mia Camp, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, S21A Coal Bank Pass, J27A Elkhorn Farm, P23A Jefferson, I28A Midland, G29A Hoven, J28A Allard Ranch, S22A 4UR Ranch, L27A TS Ranch, I29A Vivian Onida, G30A Faulkton, AGMN Agassiz Nation, 214A Organ Pipe Nat, K28A Ten Mile Ranch, Q24A Divide, N26A Koester Ranch, V20A Brimhall, U21A Nageezi, J29A Okreek, T22A Edith, P25A Willow Gulch, L28A Cornealy Angus, O26A Horse Wrangler, BRSD Miller, BRSD Miller, I30A Oacoma, N27A Anderson Farm, W20A Ramah, SDCO Great Sand Dun, K29A Lazy Trails, U22A Llaves, J30A Dallas, P26A Davis Ranch, M28A Bar X Bar Ranch, S24A Houchin Ranch, X20A Quemado, V22A San Miguel Ran, SNY Shenyang, SNY Tucsun, TUC Tucsun, TUC Tucsun, KSR5 Korea Array, KRSR Korea Array, Q26A Hugo, KS01 Wonju Array Si, K30A Basset, R25A Fountain Ranch, KS15 Wonju Array Si, U23A Ei Rito, T24B San Luis, S25A Robets Cordova, Y20A Horse Springs, X21A Alamocita Cree, L30A Spencer Herefo

2009 NOV

Table with 4 columns: Call sign, Name, Frequency/Power, and various status/notes. Rows include V23A Ortiz Mt, R26A Arlington, Z20A Nine Sixteen, LAZ Lador, ANMO Albuquerque, W23A Werner Place, R27A Eads, S26A Kim, Q29A 4D Ranch, Q28A Sharon Springs, LENM Lemitar, V24A Rampart Ranch, T23A Tjesson, J29A Nakatsue, T26A Comanche Natio, 120A U Bar Ranch, U25A Circle Dot Ran, ECSD EROS Data Cent, Z21A St. Cloud Mine, Y22A Sootro, BNM Barren Site, W24A Lazy 6 Ranch, V25A Rancho No Teng, R28A Tribune, U26A Atochey Ranch, EYMM Ely, N31A Bailey Ranch, Q29A Oakley, P30A Selden, 220A Playas Peak, 121A Cooke's Peak, BGNE Belgrade, BGNE Belgrade, X24A Lazy VL Ranch, T27A Campo, Y23A Lovelace Mesa, O31A Awochen Ranch, R29A Marienthal, W25A X Bar L Ranch, S28A Manter, V26A Tequesquite Ra, 320A Kipp Ranch, T28A Walsh, U27A Thompson Grove, Y24A Capitan, P31A Stockton, X25A Clemmons Ranch, S29A Ulysses, O32A Brockman Farm, W26A Owens Ranch, R30A Dighton, SPMN St. Paul, SPMN St. Paul, U28A Mallet, Q31A Ellis, V27A Dan Oppiter Fa, T29A Hugoton, Z24A Sheeppen Canyo, Y25A Mesa, Roswell, S30A Moozuma, W27A Bove Ranch, R31A Burdett, 124A Stringfield Ra, Q32A Metler Ranch, U29A Oasis Ranch, Z25A Roswell, KBS Kingsbay, KBS Kingsbay, KBS Kingsbay, P33A Williams Farm, R32A Long Quarter, S31A Mullinville, U30A WK&E Inc. Balk, 224A Cortudas Mount, Q33A Connely Farm, Z26A Caprock, 125A Gardner Draw, T31A Randall Ranch, Y27A Causey, MNTX Cornudas, MSTX Muleshoe, MSTX Muleshoe, 225A Deer Hill, Car, R33A Olander Ranch, AMTX Amarillo, V30A Spur Ranch, 324A Moseley Ranch, 126A Clayton Basin

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Table with 4 columns: Call sign, Name, Frequency/Power, and various status/notes. Rows include U31A Nine Bar Ranch, Z27A Tatum, KSU1 Kansas State U, 325A Bean Ranch, 226B Tecolote Peak, V31A Spring Creek L, U32A Wiry Ranch, Z28A Tucker Farm, 425A Indio Mountain, SUMG Summit, SUMG Summit, SUMG Summit, SUMG Summit, 326A Caldwell Ranch, 128A Castleberry Fa, Z29A Hungry Hill Ra, TLY Talaya, X31A McDonald Ranch, W32A Sentinel, Z30A Sanderson Ranch, 426A McDonald Obser, U34A Anderson Ranch, JFWS Jewell Farm, JFWS Jewell Farm, BJL Beijing, BJL Beijing, BJL Beijing, W33A Caddo, Fort Co, 526A Mary Lane Ranch, WMOK Wichita Mouna, WMOK Wichita Mouna, V34A Guthrie, Y32A RV Farms, Ver, 130A Snyder, Z31A Sharp Cattle R, 527A Woodward Ranch, ZAK Zakamensk, W34A Bridge Creek, 329A Wagon Wheel Ra, 626A Big Bend Ranch, 428A Kincaid Ranch, 131A Roby, 230A Sterling City, MOY Mondy, Z32A Haskell, SFJD Kangerlussuaq, 528A Cox Ranch, San, TX31 Lajitas Ar. Si, LTX Lajitas, LTX Lajitas, TXAR Lajitas Array, 330A Mertzun, 627A Terlingua Ranch, ABTX Abilene, Hawle, ABTX Abilene, Hawle, 429A Davenport Ranch, 231A Bronte, TUL1 Tulsa, TUL1 Tulsa, 628A Black Gap, Mar, 430A Baggett Ranch, 331A San Angelo, 232A Coleman, 530A J-C Ranch, Com, 431A Sorra, 332A Millersview, HHC Hu-ho-hao-te, HHC HHC, HHC HHC, HHC HHC, HHC HHC, HHC HHC, HHC HHC, HHC HHC, HHC HHC







Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAYN Ar Rayn, TOAD Torodi Ar. Sit, KMB0 Kilima Mbogo, etc.

IDC 09 01:19:15.8; 12.0, 16.86S; 69.00W, h0km, mb3.9/2, mb1 4.0/2, mb1mx3.6/18, mbtmp4.0/2, Error ellipse: s-maj=62.8km s-min=83.2km az=13.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUC 09 01:19:24.0, 0.8, 21.37S; 68.90W, h128km, 5km, ML3.8, etc.

IDC 09 01:46:02.7; 2.8, 29.46S; 176.68W, h433km, 20km, mb3.2/5, mb1 3.5/5, mb1mx3.2/15, mbtmp4.0/5, Error ellipse: s-maj=30.5km s-min=16.4km az=173.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

MDD 09 01:52:22.5; 2.2, 36.73N; 12.44W, h58km, 124km, mb4.2/17, Error ellipse: s-maj=20.7km s-min=10.3km az=67.0

IGIL 09 01:52:23.5; 36.86N; 12.18W, h0km, ML2.4 INMG 09 01:52:23.2; 1.2, 36.65N; 12.59W, h10km, ML2.8, Error ellipse: s-maj=4.2km s-min=2.7km az=121.0

CSEM 09 01:52:25.7; 0.3, 36.93N; 12.00W, h20km, ML3.6/8, Error ellipse: s-maj=5.7km s-min=4.3km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PTEO Sao Teotonio, MORF Marleteite, etc.

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

MESJ Mesjejana, MESJ Mesjejana, MESJ Mesjejana, MESJ Mesjejana

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, PBEJ Beja, EVO Evora, etc.

EVO Evora, EVO Evora, EVO Evora, EVO Evora

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EGRO El Granado, PMTG Montargil, PTOM Tomar, etc.

PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos

PCAS Casmilo, Conde, PCAS Casmilo, Conde, PCAS Casmilo, Conde

PCAS Casmilo, Conde, PCAS Casmilo, Conde, PCAS Casmilo, Conde

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

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

ESPERA Espera, ESPELA Espera, ESPELA Espera, ESPELA Espera

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

PVPAL Vila Real, PVPAL Vila Real, PVPAL Vila Real, PVPAL Vila Real

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like POLO Lamas de Olo, EPLA Placencia, etc.

PCAB Cabril, PCAB Cabril, PCAB Cabril, PCAB Cabril

MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo

MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ETKA, Kagalaska Isla, ADAG, Mount Adagdak, KIRH, Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ETKA, Kagalaska Isla, ADAG, Mount Adagdak, KIRH, Kanaga Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VDA, Vanda, H101W1, Cape Leeuwin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MEX 09 01:52:36.5, 0.4, 18.07N, 101.79W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ISCBJ 09 02:28:19.9, 1.5, 24.2S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MEX 09 03:34:46.9, 0.4, 16.55N, 98.49W, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ISCBJ 09 01:56:24.5, 1.0, 8.15S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy 28.55 153, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 09 03:58:37.9, 6.0, 36.15N, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LBF1 Labuhan Bajo, 1.33 105, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NIED 09 02:58:00, 43.00N, 147.60E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, 2.63 171, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IDC 09 02:17:29.4, 46.0, 16.23S, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAJ Ashorobuto, 2.67 279, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SDNR Sdnarnagar, 6.72 135, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GSTR Great Sitkin T, 1.13 237, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAJ Ashorobuto, 2.67 279, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ISCBJ 09 04:06:23.8, 0.2, 44.32N, 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, 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 Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

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 Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

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 Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

IDC 09 04:31:24.6±1.1, 16.77N×146.20E, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.7/24, mbtmp3.6/6, Error ellipse: s-maj=36.5km s-min=23.6km azz=108.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

ISCJB 09 05:18:53.7±1.3, 4.84S:0.09°:102.74E:0.09, h59km±12km, mb3.6/3, Error ellipse: s-maj=20.1km s-min=6.0km

DJA 09 05:18:54.2±0.8, 5°S:4°E, h34km±6km, M3.8/5, MLV3.8/5

IDC 09 05:19:20.6±26.0, 2.75S×105°11'E, h249km±266km, mb2.9/3, mb1 3.1/3, mb1mx2.8/22, mbtmp2.9/3, Error ellipse: s-maj=274.9km s-min=31.2km azz=53.0

ISC 09 05:18:53.6±1.7, 4.8S:0.1°:102.7E:0.1, h62km±13km, n10, a082/15, mb3.6/3, Southern Sumatara

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 Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

KRSC 09 05:19:31.9±8.4, 55°61N:166°08E, h46km±45km, ML3.8, Komandorsky 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 Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

IDC 09 05:52:41.9±0.6, 48°30N:154°74E, h0km, mb4.0/22, mb1 4.2/25, mb1mx4.1/34, mbtmp4.0/25, ML3.3/3, MS3.5/7, Ms1 3.5/7, ms1mx3.2/42, Error ellipse: s-maj=17.2km s-min=12.0km azz=149.0

MOS 09 05:52:42.7±1.5, 48°17N:155°05E, h22km, mb4.3/17, Error ellipse: s-maj=17.0km s-min=7.5km azz=73.4

ISCJB 09 05:52:44.0±0.4, 48°18N:0.05°:154.98E:0.08, h33km, mb4.1/27, MS3.7/5, Error ellipse: s-maj=9.6km s-min=3.5km azz=42.2

NEIC 09 05:52:46.8±0.9, 48°19N:154°86E, h39km±9km, mb4.5/4, Error ellipse: s-maj=12.9km s-min=7.1km azz=138.0

SKHL 09 05:52:47.8±1.4, 48°10N:155°30E, h68km±4km, mb4.6/4, ms3.4/7

KRSC 09 05:52:49.8±9.1, 48°32N:156°75E, h25km±25km, ML4.4

ISC 09 05:52:46.1±0.6, 48°20N:0.07°:155.00E:0.07, h33km, n113, a196/11, mb4.1/27, MS3.6/5, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Gasp, Elevation Gasp, Azimuth Sigh, Elevation Sigh.

Table with columns for station code, name, frequency, and other parameters. Includes stations like SKR, PAU, MIPR, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like BVAR, CMAR, TAPN, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like RAR, DZM, DZM, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like KOK, AVH, SMAR, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like AKASO, WRA, FITZ, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like MTSU, STKA, STKA, etc.

MEX 09 05:58:58.9-0.5, 16.51N, 95.69W, h5km, MD3.7, Oaxaca

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HUG, HUG, VHO, etc.

AUST 09 06:19:05.7, 24.72S, 175.11W, h0km. IDC 09 06:19:07.8, 0.5, 24.48S, 176.03W, h0km, mb4.719, mb1.4, 9.20, mb1mx4.8, 22, mbmp4.7/20, MLS.1/1, MS3.4/17, Ms1.4, 3/17, ms1mx4.2/26, Error ellipse: s-maj=16.4km s-min=14.8km az=127.0.

ISCBJ 09 06:19:08.6, 0.2, 24.59S, 0.05, 175.99W, 0.04, h10km, mb5.0/57, MS4.4/24, Error ellipse: s-maj=7.4km s-min=4.3km az=149.4.

BUI 09 06:19:10.0, 0.2, 162.50S, 175.90W, h5km, mB5.6/20, mb5.4/32, Ms5.3/14, Ms7.4/718.

GCMT 09 06:19:12.0, 0.3, 24.57S, 175.36W, h22km, MW5.0, Moment Tensor Scalar: 1916Nm, s30, c36, s67, c73, Moment Tensor: 0.1916Nm, Mln: 3.45e-23, Mlt: 0.67e-14, Mlt: 2.78e-14, Mlt: 0.91e-11, Mlt: 1.01e-09, Mlt: 1.62e-17; Best double couple: M: 3.80000e+10, NP1: 25.00000e+0, delta.00000e+0, A93.00000e+0, NP2: 199.00000e+0, delta.00000e+0, A93.00000e+0, Principal axes: T 3.9400, Plg3.0000e+0, Azm304.0000e+0, N -0.2800, Plg3.0000e+0, Azm204.0000e+0, P -3.6600, Plg15.0000e+0, Azm113.0000e+0; Data Used: II I U G IC. Surface wave period 40 sec.

MOS 09 06:19:12.1, 1.2, 24.59S, 176.07W, h33km, mb5.1/27, MS4.4/7, Error ellipse: s-maj=10.6km s-min=9.5km az=92.6.

NEIC 09 06:19:14.6, 1.1, 24.67S, 176.01W, h46km, qkm, mb5.0/25, Error ellipse: s-maj=8.5km s-min=5.8km az=155.0, Error ellipse: s-maj=8.5km s-min=5.8km az=155.0.

ISC 09 06:19:14.0, 0.5, 24.64S, 0.06, 175.78W, 0.06, h19km, 1km, h19km; P: n510, n198/548, mb5.0/57, MS4.4/24, 133C-127D, South of Tonga Islands

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAO, NIUE, MSVF, etc.

Code Station Name Az Az2 Phase ID Time Res

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RAO, NIUE, MSVF, etc.

9d 6h

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PFO, SWSC, LRMC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ELK, W18A, D05A, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 631A, ENH, TRF, etc.



Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like U28A Mallet, Z31A Sharp Cattle R, GCMT Greycliff, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like E24A Baker, C23A Lambert, Q32A Mettler Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BUR08 Bucovina Ar. S, OJC Ojcow, KOLS Kolonicke sedl, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes entries like LBF1 Labuhan Bajo, WSI Waingapu, etc.

AUST 09:07:05:43.0, 0.4, 7.08S: 129.04E, h116km, Error ellipse: s-maj=1.1km s-min=0.8km az=294.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes entries like BNDI Bandanaira, TLE Tual, FAKI Fak Fak, etc.



Table with columns: BRTR, Keskin Array B, 53.84, 63 LR, 08 14 46.0, etc.

Table with columns: KUZ, Manawahe, 1.58 209 PN, 08 05 52.4 -2.9, etc.

Table with columns: SNZO, South Karori, 5.22 205 PN, 08 05 04.8 -1.2, etc.

ISCJB 09 07:44:09.8,0.6, 1.14S:0.05:99.29E:0.06, h33km, mb4.3/12, MS2.8/1, Error ellipse: s-maj=9.0km

NEIC 09 07:44:18.3, 1.6, 0.86S:99.83E, h84km, 1.1km, mb4.0/1, Error ellipse: s-maj=23.8km s-min=7.9km az=55.0

IDC 09 07:44:18.5, 3.6, 0.81S:99.88E, h82km, 30km, mb4.0/11, mb1.4/0.13, mb1mx3.8/26, mbtmp4.0/13, MS3.0/1, Ms1.3/0.1, ms1mx2.4/30, Error ellipse: s-maj=38.3km s-min=15.0km az=56.0

DJA 09 07:44:19.3, 0.4, 1.4S:10.0E, h55km, 8km, M4.5/8, mb4.6/3, mb4.9/2, MLV4.5/8, Mw(mb)4.2/2

ISC 09 07:44:12.4, 0.9, 1.15S:108.9941E, 0.08, h35km, n58, r123/40, mb4.4/12, Southern Sumatara

Main table for Southern Sumatara region with columns: Code, Station Name, Az, Phase ID, ISC, h, s, ISC, Time, Res

Main table for New Zealand region with columns: KUZ, Manawahe, 1.58 209 PN, 08 05 52.4 -2.9, etc.

Main table for New Zealand region with columns: SNZO, South Karori, 5.22 205 PN, 08 05 04.8 -1.2, etc.

AUST 09 08:04:17.3, 1.6, 35.74S:179.04W, h119km, Error ellipse: s-maj=2.9km s-min=1.1km az=291.0

IDC 09 08:04:42.4, 2.4, 35.80S:178.12E, h198km, 19km, mb4.0/9, mb1.4/2/10, mb1mx4.0/17, mbtmp4.1/10, Error ellipse: s-maj=26.0km s-min=13.4km az=41.0

WEL 09 08:04:46.5, 0.1, 36.28S:177.86E, h211km, 1km, ML4.8/20, Error ellipse: s-maj=4.0km s-min=1.3km az=0.0

NEIC 09 08:04:46.5, 36.28S:177.86E, h211km, mb4.3/3, After WEL

ISCJB 09 08:04:47.8, 0.5, 36.67S:177.58E:0.06, h242km, 3km, mb4.1/11, Error ellipse: s-maj=8.5km s-min=6.2km az=166.3

ISC 09 08:04:47.8, 0.7, 36.61S:177.65E:0.06, h240km, 5km, n220, r132/229, mb4.1/11, 8C-5D, Off east coast of North Island

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

Table with columns: KUZ, Manawahe, 1.58 209 PN, 08 05 52.4 -2.9, etc.

Table with columns: SNZO, South Karori, 5.22 205 PN, 08 05 04.8 -1.2, etc.

IDC 09 08:24:39.4, 4.2, 19.79N:122.71E, h0km, mb3.4/3, mb1.3/6/3, mb1mx3.3/24, mbtmp3.4/3, Error ellipse: s-maj=314.8km s-min=26.2km az=61.0, Philippine

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, MKAR Makanchi Array, ASAR Alice Springs.

IDC 09 08:35:01.6-7.0,1470S:177.63W,h342km,136km, mb3.0/3,mb1.3/3.4,mb1mx3.0/18,mbtmp3.1/4, Error ellipse: s-maj=288.6km s-min=22.0km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

NSSC 09 09:00:01.9-1.3,33.76N:35.84E,h0km,7km,MD1.3,ML1.6 CSEM 09 09:00:01.3-0.4,33.75N:35.71E,h8km,ML1.6, Error ellipse: s-maj=12.9km s-min=4.2km az=77.0

GRAL 09 09:00:02.6-0.3,33.78N:35.76E,h0km,26km,MD2.8

ISC 09 09:00:01.7-1.1,33.76N:0.04:35.76E:0.10,h8km,12km, n13,-0.73/24,Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BHL Bhannes, RCHY Rachaya, BRBR Barbar, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, BIDA Albida, ZALF Zalf, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 09 09:17:42.8-1.9,4.84S:144.41E,h0km,mb3.5/3, mb1.3/8.4,mb1mx3.6/16,mbtmp3.5/4,ML3.2/1, Error ellipse: s-maj=80.3km s-min=28.1km az=109.0, Near north coast of New Guinea

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

ISCJB 09 09:29:06.5-0.5,26S:0.07:153.50E:0.08,h43km, mb4.2/15,MS3.6/5, Error ellipse: s-maj=12.7km s-min=8.2km az=28.9

NEIC 09 09:29:07.6-0.4,5.30S:153.38E,h35km,mb4.4/2, Error ellipse: s-maj=13.2km s-min=8.5km az=90.0

IDC 09 09:29:09.7-1.0,5.31S:153.37E,h52km,6km,mb3.9/14, mb1.4/0.14,mb1mx4.0/19,mbtmp3.9/14,MS3.6/7, Ms1.3/6.7,ms1mx3.2/25, Error ellipse: s-maj=23.8km s-min=13.3km az=95.0

AUST 09 09:29:21.6-0.0,4.98S:152.62E,h113km, Error ellipse: s-maj=2.2km s-min=1.8km az=233.0

ISC 09 09:29:08.1-0.7,5.32S:153.70E:0.11,h43km,n58, r1523/56,mb4.2/15,MS3.2/5, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, HNR Honiara, PMG Port Moresby, DZM Mont Dzumac, KDU Kakadu, PALU Palau, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, KNRA Kununurra, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, STKA Stephens Creek, FITZ Fitzroy Crossi, WSI Waingapu, AFI Afiamalu, RAO Raoul Island, MEEK Mearns Island, YHNB Yeheng, JNU Nukatsue, MKAR Makanchi Array, KSRS Kora Array, KNSJ Kungur Array, ENH Enshay, PPT2 Papeete, TBI Tubuai, PETK Petropavlovsk, CMAR Chiang Mai, RCTO Chiang Mai, CHKO Rikitea, VNSA Vanda, MCK McKinley, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ILAR Eielson Array, ILAR Eielson Array, MAW Mawson, MAW Mawson, NVAR Milna Array, NVAR Milna Array, TOAO Torodi Ar. Beit, TOAO Torodi Ar. Beit, TOAO Torodi Ar. Beit, TOAO Torodi Ar. Beit.

KRSC 09 09:57:36.8-4.1,53.63N:160.75E,h27km,26km,ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NLC Nalytchevo, MKZ Mys Kozlova, SDLR Sedlovina, SMAR Somma, UGLR Uglovaya, KRER Koryakskii, KRER Koryakskii, AVH Avacha, KRX Arvik, KOK Koryaka, PET Petropavlovsk, GNL Ganaly, TUMR Tumrok, TUMR Tumrok, RUS Ruskaya, RUS Ruskaya, MTRV Muttovnika, GRL Gorelyy, ASAK Asacha, ASAK Kamenistaya, KMINR Kamin, APC Apacha, APC Apacha, KOZ Kopyrevsk, ESO Esso, KLY Klyuchi, SRDR Srednyy, MIPR Malaya Ipe'ka, KBTR Kutuberegovo, BDR Baidarnaya, SMKR Semkarok, SMKR Semkarok.

IDC 09 09:58:39.8-1.7,11.18S:166.08E,h0km,mb3.9/4, mb1.4/1.5,mb1mx3.8/19,mbtmp3.9/5,ML3.3/1, Error ellipse: s-maj=52.9km s-min=28.8km az=125.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

MKAR Makanchi Array 93.84 317 P P 10 11 59.3 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 09 10:00:15.4-4.0,28.72S:177.51W,h0km,mb3.4/2, mb1.3/6.2,mb1mx3.4/15,mbtmp3.4/10, Error ellipse: s-maj=82.4km s-min=23.2km az=142.0, Kermadec Islands region, RAO Raoul Island, RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, FINES Finnes Array B.

IDC 09 10:02:26.4-0.7,6.26N:60.47E,h0km,mb3.9/12, mb1.4/0.12,mb1mx3.9/28,mbtmp3.9/12,MS3.5/9, Ms1.3/5.9,ms1mx3.2/40, Error ellipse: s-maj=23.0km s-min=16.2km az=144.0, ISCJB 09 10:02:27.1-0.6,6.3N:0.1:6.3N:0.1:h15km,mb3.9/12, MS3.4/9, Error ellipse: s-maj=20.3km s-min=13.0km az=139.7

ISC 09 10:02:28.9-0.8,6.2N:0.2:6.0S:0.1:h15km,n16, r1513/12,mb3.9/12,MS3.4/9, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMBO Kilima Mbogo, GNI Garni, AAK Ala-Archa, AAK Ala-Archa, LSR Lusaka, CMAR Chiang Mai, CMAR Chiang Mai, KBZ Khaba, BRTR Keskin Array B, AKTO Aktyubinsk, MKAR Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, BOSO Bosof, BOSO Bosof, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Warramunga Arr, ASAR Alice Springs.

IDC 09 10:02:44.2-2.6,22.55S:68.39W,h90km,23km,mb3.8/9, mb1.4/1.12,mb1mx4.0/17,mbtmp4.2/12, Error ellipse: s-maj=21.8km s-min=17.5km az=102.0

ISCJB 09 10:02:45.5-0.4,22.63S:0.04:68.34W:0.06,h119km,5km, mb4.0/10, Error ellipse: s-maj=9.5km s-min=7.0km az=2.4

GUC 09 10:02:48.3-0.7,22.57S:68.67W,h125km,9km,ML4.5, NEIC 09 10:02:48.3-0.7,22.57S:68.67W,h125km,9km,ML4.5, Error ellipse: s-maj=9.5km s-min=7.0km az=2.4

ISC 09 10:02:46.4-0.6,22.61S:0.05:68.34W:0.06,h112km,6km, n64,-r105/61,mb4.2/10,7C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC Limon Verde, PB04 Plate Boundary, PB09 Plate Boundary, PB09 Plate Boundary, PB07 Plate Boundary, PB07 Plate Boundary, PB01 Plate Boundary, PB01 Plate Boundary, ANCH Antofagasta, ANCH Antofagasta, PB10 Plate Boundary, HMBC Humberton, PSGC Pisagua, LCO Las Campanas, CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, SIV San Ignacio, SIV San Ignacio, CPUP Villa Florida, CPUP Villa Florida, NNA Nana, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, TRQA Tomquhat, PLCA Paso Flores, PLCA Paso Flores, SPB Sao Paulo, BDFB Brasilia, BDFB Brasilia, PTGA Pitinga.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like TXAR, DBIC, SYO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like FIAO, KAF, KEF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like KOSI, MAGA, MAGA, etc.

CSEM 09 10:09:44.2-0.1, 61.23N:26.17E, h2km, MLO.9, Error ellipse: s-maj=4.6km s-min=1.6km az=83.0, Mining explosion.

HEL 09 10:09:45.2-0.1, 61.23N:26.19E, h0km, MLO.9, Explosion, Finland.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like FIAO, FINESS Array S, etc.

ICD 09 10:21:38.2-0.9, 29.66N:86.50E, h0km, mb3.7/8, mb1.3/8/9, mb1mx3.6/27, mbtmpp3.7/9, ML3.6/1, Error ellipse: s-maj=39.1km s-min=18.6km az=55.0.

ISCJB 09 10:21:41.7-0.8, 29.8N:0.1x86.5E:0.2, h33km, mb3.6/8, Error ellipse: s-maj=30.6km s-min=12.1km az=146.7.

ISC 09 10:21:43.0-0.2, 29.7N:0.2x86.6E:0.2, h35km, n10, r15/10, mb3.5/3, Kizang.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like CMAR, MKAR, etc.

ISCJB 09 10:10:20.2-0.6, 59.32N:0.03x27.09E:0.08, h0km, Error ellipse: s-maj=5.9km s-min=3.3km az=20.0.

NAO 09 10:10:21.5-1.0, 59.30N:26.77E, ML2.4, Error ellipse: s-maj=16.2km s-min=8.4km az=130.0, Mining explosion.

HEL 09 10:10:23.1-0.8, 59.37N:27.07E, h0km, ML1.9, Explosion Suspected explosion.

BER 09 10:10:23.1-2.6, 59.31N:26.82E, h0km, ML2.4(NAO), Suspected explosion.

ICD 09 10:10:24.4-2.4, 59.51N:26.89E, h0km, mb1.3/1/3, mb1mx3.0/25, mbtmpp3.1/3, ML3.0/3, Error ellipse: s-maj=23.1km s-min=10.6km az=145.0.

ISC 09 10:10:24.0-0.9, 59.52N:0.03x27.19E:0.04, h0km, n40, r15/34/50, Baltic States - Belarus - Northwestern Russia.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like VSU, VJF, etc.

STR 09 10:36:17.9-0.7, 45.27N:12.19E, h5km, M13.1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0.

ROM 09 10:36:18.1-0.2, 45.81N:11.66E, h6km, 2km, Mds.0/22, M13.0/19, Error ellipse: s-maj=1.7km s-min=1.6km az=161.0.

CSEM 09 10:36:18.1-0.1, 45.81N:11.66E, h5km, ML3.4/17, Error ellipse: s-maj=2.5km s-min=1.6km az=175.0.

VIE 09 10:36:18.0-0.2, 45.84N:11.66E, h9km, mb2.5/1/3, ML3.2/15, Error ellipse: s-maj=1.5km s-min=0.8km az=16.0.

GEN 09 10:36:19.9, 45.83N:11.61E, h6km, ML2.9, BGR 09 10:36:19.8, 1.7, 45.55N:11.40E, h10km, ML3.0/3, Error ellipse: s-maj=26.7km s-min=13.3km az=170.0.

LDG 09 10:36:19.0-0.1, 45.92N:11.77E, h5km, M13.1/7, Error ellipse: s-maj=4.1km s-min=2.6km az=10.0.

PRU 09 10:36:21.9, 45.90N:11.70E, h9km, Error ellipse: s-maj=18.3-0.8, 45.81N:11.64E:0.01, h8km, 6km, n171, r15/07/277, 34C-45D, Northern Italy.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station details for stations like CGRP, MTL0, etc.

SABO M.te Sabotino 1.38 82 Pg Pn 10 36 44.1 +0.3

SABO M.te Sabotino 1.38 82 Pg Pn 10 36 44.1 +0.3

DRE Drenchia 1.44 75 Pg Pn 10 37 04.7 0.0

WTTA Wattenberg 1.45 360 Pg Pn 10 37 05.5 +0.6

WTTA Wattenberg 1.45 360 Pg Pn 10 37 05.5 +0.6

WTTA Wattenberg 1.45 360 Pg Pn 10 37 05.5 +0.6

WTTA Wattenberg 1.45 360 Pg Pn 10 37 05.5 +0.6

TRI Trieste 1.49 93 Pg Pn 10 36 45.3 0.0

TRI Trieste 1.49 93 Pg Pn 10 36 45.3 0.0

ACOM Acomizza, Ital 1.49 60 Pg Pn 10 36 46.2 +0.7

ACOM Acomizza, Ital 1.49 60 Pg Pn 10 36 46.2 +0.7

WATA Walderalm 1.52 358 Pg Pn 10 37 06.7 +0.4

WATA Walderalm 1.52 358 Pg Pn 10 37 06.7 +0.4

DAVX Davos/Dischmat 1.56 309 Pg Pn 10 37 06.7 +0.4

MOTA Moosalm 1.56 347 Pg Pn 10 36 48.1 +0.5

MOTA Moosalm 1.56 347 Pg Pn 10 36 48.1 +0.5

MOTA Moosalm 1.56 347 Pg Pn 10 36 48.1 +0.5

MOTA Moosalm 1.56 347 Pg Pn 10 36 48.1 +0.5

MOTA Moosalm 1.56 347 Pg Pn 10 36 48.1 +0.5









Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PKDT Phuket, SML Sawmill, G06A Carlson Farm, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F10A Beach Ranch, B08A Colville Reser, IM04 Indian Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like EGAK Eagle, MVCO Mesa Verde, MVCO Mesa Verde, etc.

Table with columns: ID, Name, Rating, Date, Time, etc. Rows include 226B Tecolote Peak, Z25A Roswell, U23A El Rito, etc.

Table with columns: ID, Name, Rating, Date, Time, etc. Rows include T25A Trinidad, M22A Cedar Creek Ra, O23A Lakeland Grand, etc.

Table with columns: ID, Name, Rating, Date, Time, etc. Rows include U28A Mallet, Z31A Bronte, F21A Absalom Mine, etc.

Table with columns: ID, Name, Rating, Date, Time, etc. Rows include U28A Mallet, Z31A Bronte, F21A Absalom Mine, etc.

Table with columns: ID, Name, Rating, Date, Time, etc. Rows include U28A Mallet, Z31A Bronte, F21A Absalom Mine, etc.



9d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like RES, ZALV, AKL, BHPL, MKAR, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BJO, TRN, SRK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTO, ISAD, STEI, etc.

Table with columns for station name (e.g., NOA, HAHT, HFS), frequency, and other technical details. Includes sub-tables for various frequency bands like 1103.07, 1105.44, etc.

Table with columns for station name (e.g., MMEI, FURI, KSB), frequency, and other technical details. Includes sub-tables for various frequency bands like 1400.00, 1401.26, etc.

Table with columns for station name (e.g., TIRR, VRI, VRI, VRI), frequency, and other technical details. Includes sub-tables for various frequency bands like 143.01, 143.04, etc.

9d 10h

Table with columns for station name, frequency, power, and various status codes. Includes stations like HLMI Long Mynd, VRAC Vranov, PRA Prague, etc.

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Table with columns for station name, frequency, power, and various status codes. Includes stations like PLD Plovdiv, PGB Panagyurishte, GIVE Givet, etc.

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Table with columns for station name, frequency, power, and various status codes. Includes stations like DAVA comp=2,15um,3.6s, IVA Berane, FETA comp=2,2um,3.5s, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like DRO Drossia, LPG La Plagne, LFG La Plagne, AGO Saint Gouin, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like PCAS Casmilo, Conde, WDD Wield Dalam, PCBRA Castelo Branco, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like LIC Lamto, LIC Lamto, LIC Lamto, LIC Lamto, etc.

NEIC 09 11:02:28.4.51:14N,178.45W,h16km,ML3.7(AEIC), After AEIC, Andeano Islands

Table with columns for Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Lists stations like GALAA Gareloi Lava P, GAEA Gareloi East, etc.

ISCJB 09 11:15:20.1+0.7,27:03S:0'03-.26:58E:0'03,h5km,4km, mb3.5/1, Error ellipse: s-maj=5.2km s-min=3.7km

IDC 09 11:15:20.2+1.8,27:02S:26'53E,h0km,mb3.7/1, mbl 3.8/4, mb1tx3.6/26, mbtrmp3.8/4, ML3.7/2, MS4.6/1, Ms1 4.6/1, ms1mx4.3/41, Error ellipse: s-maj=32.0km s-min=11.6km az=99.0

PRE 09 11:15:20.3+2.6,27:01S:26'06E,h2km,ML3.1 ISC 09 11:15:20.2+1.0,27:01S:26'56E:0.03,h7km,27km, n23,+125/42,1C-2D,South Africa

Table with columns for Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Lists stations like TAFP Tanaga Falls P, TANO Tanaga North P, etc.









Table with columns: DPO, comp, Station Name, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like Saint Jean, Lisbon, Quebec, Mont Tremblant, Middlebury, Alfred, Lake Ozonia, Newcomb, Potsdam (NY), Williamsburg, Glen Almond, Waterville, Peaks-Kenny Pk, Saint Roch-des, Misere, Adirondack Com, La Malbaie, Riviere Ouelle, Lac Daran, Sainte Mathild, Adam Dziewonsk, Kingston, Saint Simeon, Prince Edward, Deloro Mine, Bancroft, Saint George, Val d'Or.

Table with columns: CNO, Baie Comeau, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like Baie Comeau, Eldee, Sadowa, Grosses Roches, Dawson.

NEIC 09 13:07:48.9, 61.95N, 147.91W, h35km, ML3.0(AEIC), After AEIC., Southern Alaska

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like Sawmill, Sheep Creek Mo, Palmer, Klutina, Jack Peak, Valdez, Glacier Island, Trapper Creek, Portage, Hurricane, Divide, HAARP, Port Fidalgo, Susitna One, Reindeer, Paxson, Hinchinbrook I, Cordova Ski Ar, Skilak Lake, McKinley, Thorofare Moun, Bremner River, Strandline Lak, Seward, Gilahina Butte, Goat Mountain, Donnelly Dome, Kantisna Hill, Munt Spurr, Mentasta, Purkeypile, Ragged Mountai, Barrier Glacier, Chakachachama La, Verde Repeater, BKN, McCarthy VSAT, Castle Rocks, Dot Lake, Harding Lake, Wood River Hill, Berg Lake, Bear Paw Mtn., Nichawak Mount, Bradley Lake, Drift River, Clear Creek Bu, Sand Creek, Patty Peak, Khitrov Hills, Suckling Hills, Redoubt South, Grindle Hills, Redoubt West, Baldy, Klagna River, Eielson Array, China Poot, College, Juniper Island, Murphy Dome, Kulkth River, Barkley Ridge, Beaver Creek A, Barnard Glacier, Granite Creek, Manley, MESA, Logan Glacier, Tatalina, Brown, Dawson, Dawson, Indian Mountai, Indian Mountai, Haines Juncutio, Coldfoot, Burnt Mountain.

JMA 09 13:10:06.1, 35.25N, 135.72E, h5km, 1km, M3.0, Western Honshu

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like Wachi, Mihama, Matsushiro, At Turbah, Hainan Peninsula, Dawson, Indian Mountai, Haines Juncutio, Coldfoot, Burnt Mountain.

Table with columns: UDAYN, BDHA, DHBS, DHBH, Time, Res. Includes stations like Udayn, Bayda, Dhamar BB.

AUST 09 13:15:54.0, 3.5, 17.39S, 176.23W, h413km, 1km, Error ellipse: s-maj=3.3km s-min=2.0km az=0.0

ISCJB 09 13:16:44.7, 0.6, 17.2S, 0.1, 178.1E, 0.1, h600km, mb4.1/16, Error ellipse: s-maj=17.7km s-min=9.4km az=143.8

IDC 09 13:16:45.5, 3.3, 17.28S, 178.14E, h596km, 38km, mb3.6/16, mb1.3/8, mb1mx3.7/23, mbtmp3.7/18, Error ellipse: s-maj=20.9km s-min=16.6km az=114.0

ISC 09 13:16:45.6, 0.7, 17.3S, 0.1, 178.2E, 0.1, h600km, n61, c079/59, mb4.1/16, 10C-3D, Phase Islands

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like DZM, HNR, EIDS, RMQ, CTA, PMG, MTSU, CMSA, QLP, COEN, STKA, HTT, BBOO, WRA, ASAR, KDU, MTN, FAKI, KNRA, FITZ, SOEI, MEEK, MORW, JAT, MNU, PETK, QSPA, USRK, NVAR, CMAR, ILAR, TXAR, PDAR, YKA, ARCES, FINES, LEON, BRTR, TFCR, VRI, TLB, MMAL, DOPRA, MLR, UPC, DCL, TORI, DZM, HNR, EIDS, RMQ, CTA, PMG, MTSU, CMSA, QLP, COEN, STKA, HTT, BBOO, WRA, ASAR, KDU, MTN, FAKI, KNRA, FITZ, SOEI, MEEK, MORW, JAT, MNU, PETK, QSPA, USRK, NVAR, CMAR, ILAR, TXAR, PDAR, YKA, ARCES, FINES, LEON, BRTR, TFCR, VRI, TLB, MMAL, DOPRA, MLR, UPC, DCL, TORI.

DJA 09 13:19:05.4, 1.3, 17.9S, 177.8W, 2.1, h270km, M5.3/63, mb5.7/63, mb5.8/42, Mw(mb)5.3/42

AUST 09 13:19:53.1, 0.0, 17.18S, 178.77E, h595km, Error ellipse: s-maj=1.1km s-min=1.0km az=260.0

ISCJB 09 13:19:53.4, 0.5, 17.33S, 0.0, 178.47E, 0.0, h600km, 6km, mb5.0/12, Error ellipse: s-maj=6.7km s-min=2.9km az=167.5

MOS 09 13:19:53.7, 1.1, 17.31S, 178.56E, h609km, mb4.9/18, Error ellipse: s-maj=10.2km s-min=9.0km az=0.5

NEIC 09 13:19:54.6, 0.2, 17.33S, 178.57E, mb4.9/4, Error ellipse: s-maj=6.1km s-min=4.8km az=150.0

IDC 09 13:19:54.7, 0.6, 17.47S, 178.59E, h610km, 7km, mb4.4/25, mb1.4/28, mb1mx4.4/30, mbtmp5.4/28, Error ellipse: s-maj=8.2km s-min=7.3km az=123.0

BUI 09 13:19:55.7, 16.86S, 178.41E, h610km, mb5.1/21, mb5.0/40

ISC 09 13:19:56.0, 0.3, 17.37S, 0.0, 178.59E, 0.0, h609km, 6km, mb10km, p-P, mb96, e1910/734, mb5.1/152, 145C-145D, Fiji Islands

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, S, Trac, Time, Res. Includes stations like MSVF, Nonsavu, Funafuti, Afiamalu.

9d 13h

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Table with columns for station code, name, frequency, and signal strength. Includes stations like AFI, AFM, AFU, NIUE, RAO, DZM, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ASAR, RKT, KDU, BAKI, GUMO, MTN, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SMRI, ERM, BJJI, BTM, JNU, etc.



9d 13h

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Vega, Uvalde, Willow Gulch B, San Angelo, etc.

2009 NOV

Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KBD Kabd, RDF Al-Radifath, RST Umm Al-Ruwaifa, etc.

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Table with columns: Call sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NVR Nevrokopi, BFO Black Forest, CHOS Chios Island, etc.

ISCJ 09 13:48:00.3, 9.28725, 74.04E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/22, mbtmp3.7/5, Error ellipse: s-maj=117.0km s-min=32.5km az=45.0, Mid-Indian Ridge

ISCJ 09 13:49:20.8, 1.0, 23.61S, 0.10:179.7W, 0.2, h392km, mb3.4/4, Error ellipse: s-maj=19.6km s-min=12.5km az=19.1

ISCJ 09 13:49:26.9, 6.9, 23.02S, 179.92E, h433km, 248km, mb3.1/4, mb1 3.3/6, mb1mx3.0/19, mbtmp4.1/6, Error ellipse: s-maj=189.1km s-min=35.7km az=111.0

AUST 09 13:46:29.6, 2.62S, 179.13W, h0km, mb3.4/4, Error ellipse: s-maj=179.1km s-min=35.7km az=111.0

ISCJ 09 13:49:22.4, 1.2, 23.75S, 0.1:179.7W, 0.2, h392km, n13, 0.894/13, mb3.3/4, South of Fiji Islands

BUI 09 13:55:17.5, 17.72S, 179.49E, h588km, mB5.0/11, mb4.3/18

AUST 09 13:55:21.0, 2.0, 17.24S, 178.67E, h576km, Error ellipse: s-maj=1.5km s-min=1.1km az=8.0

ISCJ 09 13:55:22.0, 5.0, 17.31S, 0.0:178.38E, 0.04, h594km, 5km, mb4.4/51, Error ellipse: s-maj=10.8km s-min=4.3km az=155.2

ISCJ 09 13:55:22.1, 1.5, 17.20S, 178.45E, h579km, 15km,



Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Rows include J19A Crowheart, 328A Wristen Ranch, 529A Stev Forest Ra, P22A Eagle, T24B San Luis, W25A X Bar L Ranch, H18A Shoshone NF, C, V25A Rancho No Teng, I19A Meeteetse, Z27A Tatum, O22A Kremmling, S24A Houchin Ranch, 228A UT Block 9, Go, 429A Davenport Ranch, U25A Circle Dot Ran, H19A Powell, W26A Owens Ranch, Y27A Causey, P23A Jefferson, J20A Shoshoni, 128A Castleberry Fa, 329A Wagon Wheel Ra, N22A Wattenberg Ran, 530A J-C Ranch, V26A Tequesquite Ra, O23A Lake Granby, G, K21A Alcova, ISCO Idaho Springs, MSTX Muleshoe, Q24A Divide, Z28A Tucker Farm, M, J21A Lysite, U26A Atchley Ranch, 430A Baggett Ranch, W27A Bowe Ranch, N23A Red Feather La, 631A Perdido Creek, 129A Stewart Farms, L22A Ellis Ranch, G20A Bridger, R25A Fountain Ranch, Y28A McKinnay Farm, I21A Big Trails, Te, 531A Rocksprings, Z29A Laxson Ranch, T26A Comanche Natio, EGM2 Eggleton, Z29A Hungry Hill Ra, SNA4 Sanae, SNA5 Sanae, 431A Sonora, D19A Cripps Ranch, S26A Kim, L23A Garrett, U27A Thompson Grove, Y29A Porterfield Fa, C19A Slack Wire Ran, W28A Vega, 632A Uvalde, 331A San Angelo, 532A Rocksprings, R26A Arlington, Z30A Sanderson Ranc, D20A Manuel Ranch, AMTX Amarillo, Q26A Hugar, 231A Bronte, U28A Mallet, W29A Amrillio, 432A Menard, Y30A Stafford Catt, 131A Roby, C20A Veseth Ranch, 332A Millersview, Z32A Coleman, Z31A Sharp Cattle R, Y31A Rekieta Farm, ABTX Abilene, Hawle, C21A Desert Coulee, G20A Biddle, V33A Spur Ranch, M, R28A Tribune, Z32A Haskell.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Rows include B21A Ellsworth Farm, X31A McDonald Ranch, H24A DIRT Ranch, W31A Holland Ranch, I25A Rochford, V31A Spring Creek L, D23A Lindsay, F24A Ekakala, W32A Sentinel, C23A Cambert, T31A Randall Ranch, V32A Arapaho, D24A Glendive, F25A Bowman, W33A Caddo, Fort Co, P30A Selden, V32A Huddler Ranch, I23A Lossen Ranch, E26A Carlson Angus, YKA Yellowknife Ar, YKA Yellowknife Ar, WMQ Urumqi, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KSH Kashi, KSH Kashi, KSH Kashi, ISCO Idaho Springs, MSTX Muleshoe, BVAR Borovoye Array, BVAR Borovoye Array, OPO Ambohitrampom, OPO Ambohitrampom, ARCES ARCESS Array, ARCES ARCESS Array, ARCES ARCESS Array, FINES FINESS Array, FINES FINESS Array, FINES FINESS Array, NB2 NORSAR Subarray, NOA NORSAR Array, NOA NORSAR Array, HFS Hagfors, HFS Hagfors, EKA Eskdalemuir Ar, EKA Eskdalemuir Ar, BRTR Keskin Array, BRTR Keskin Array, BRTR Keskin Array, BURAR Bucovina Array, CFR Caracul, CFR Caracul, STHS Stebnicka Huta, TIRR Tigrusor, VRI Vriostia, PLOH Plostina, TLIF Teplice, CRVS Cervenica-Dubn, NIE Niedzica, TRPA Tarpa, KSP Ksiaz, DOPR Dopca, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, OKC Ostrava-Krasne, OKC Ostrava-Krasne, DPC Dobruska-Polom, CJR Cluj-Napoca, KECS Kecov, MORC Moravsky Berou, KRLC Krailiky, CLL Colim, VOIR BRG Berggiesshubel, DRGR Drgan, PVCC Panska Ves, ARR Arges, PSZ Piszkesteto, VRAC Vranov, VRAC Vranov, PRU Pruhonice, TREC Trest, NKC Nonsca Array, SIRR Sira, GZR Gura Zlata, BZS Buzias, KHC Kasperske Hory, GERES GERESS Array, GERES GERESS Array, CONA Conrad Observa, PKSM Porscha, WTTA Wattenberg, MOTA Moosalm, ABTA Abfaltersbach, DAVA Damuels, DAVA Feichten, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, ESDC Sonseca Array, ESDC Sonseca Array, TORO Torodi Ar, TORO Torodi Ar, TORO Torodi Ar, TORO Torodi Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include IDC 09 14:07:39.2, 2.1, 0.68N, 126.46E, h0km, mb3.1/3, mb1 3.3/3, mb1mx3.2/19, mbtmp3.1/3, Error ellipse: s-maj=171.5km s-min=27.1km az=65.0, Northern Moluca Sea, WARR Warramunga Arr, WRA Asar Springs, MKAR Makanchi Array, MAN 09 14:38:32, 11.18N, 124.66E, h21km, mb4.2, ML3.1, MS2.8, 1C, Leyte, MTSU Mount Surprise, STKA Stephens Creek, ASAR Asar Springs, WRA Warramunga Arr, KDU Kakadu, MTN Makindu, KNRA Kununurra, FITZ Fitzroy Crossi, CASO 09 14:55:38.6, 4.7, 13.62N, 90.74W, h23km, m23km, MD3.5, Near coast of Guatemala, PGC Pacaya, FUG Fuego 3, SBL Sables, RTR El Retiro, SBL San Blas, JAT Jato, JAT San Jose, SNJE San Jose, RBDL Robledal, BOQS Boqueron, BOQS Boqueron, LFRS El Fara, LFRS El Fara, LBRS Las Brisas, CNCH Conchagua, IDC 09 14:58:58.3, 3.7, 16.26S, 179.12E, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.6/17, mbtmp3.5/3, Error ellipse: s-maj=292.2km s-min=31.4km az=153.0, Fiji Islands, WRA Warramunga Arr, ASAR Asar Springs, NVAR Minn Array, ISCJB 09 15:28:52.9, 0.6, 13.08N, 109.143, 4E, 0.2, h150km, mb4.0/17, Error ellipse: s-maj=21.4km s-min=12.8km az=176.3, IDC 09 15:29:00.8, 7.0, 13.05N, 143.42E, h21km, 67km, mb3.7/16, mb1 3.8/16, mb1mx3.7/27, mbtmp3.7/16, Error ellipse: s-maj=23.9km s-min=11.9km az=74.0, ISC 09 15:28:54.2, 0.7, 13.1N, 101.143, 5E, 0.2, h150km, n24, o#93/18, mb4.1/17, South of Mariana Islands, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, JNU Natsutus, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, WRA Warramunga Arr, CMAR Chiang Mai Arr, STKA Stephens Creek, PSI Prapat, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BLAR Borovoye Array, NVAR Minn Array, FINES FINESS Array, VANDA WAKE ISLAND Hy, TORO Torodi Ar, IDC 09 15:30:53.2, 1.5, 39.25N, 109.17E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.6/26, mbtmp3.8/5, Error ellipse: s-maj=30.2km s-min=27.5km az=32.0, Western Nei Mongol, MKAR Makanchi Array.











Table with columns: Station ID, Name, Frequency, Mode, Signal, Power, and other technical details. Includes stations like WAKE ISLAND, Zalesovo Beam, and various regional stations.

Table with columns: Station ID, Name, Frequency, Mode, Signal, Power, and other technical details. Includes stations like DLBC Dease Lake, AKBULAK, and various regional stations.

Table with columns: Station ID, Name, Frequency, Mode, Signal, Power, and other technical details. Includes stations like MLR Muntele Rosu, BR131 Keskin Array S, and various regional stations.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like La Plagne, Gorrion, Signal de Mont, etc.

ISCJB 09 18:14:31.0,0.3,6.81S,0.03:129.20E,0.04,h200km, mb3.9/9 Error ellipse: s-maj=5.7km s-min=4.1km az=178.0

AUST 09 18:14:33.9,0.3,7.3S,12.9E,h208km, Error ellipse: s-maj=0.9km s-min=0.7km az=279.0

DJA 09 18:14:33.9,0.3,7.3S,12.9E,h152km,10km,M4,8/13, mB5.3/8,mb4.8/13,MLV4.7/8,Mw(mb)4.7/8

IDC 09 18:14:34.0,3.3,6.86S,129.24E,h220km,34km,mb3.7/9, mb1.3/9/12,mb1mx3.9/18,mbtmp3.8/12, Error ellipse: s-maj=27.7km s-min=12.0km az=72.0

ISC 09 18:14:32.8,0.5,6.88S,0.05:129.30E,0.06,h200km,n62, n155/610,mb4.0/3,Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BNDI Bandanaira, MSAI Masohi, etc.

Table with columns: FITZ, Fitzroy Crossi, 11.71 197 P, 1.5nm,0.3s,baz=32,slow=9.2,SNR=101, etc.

PGC 09 18:26:20.8,0.0,64.39N,133.74W,h10km,ML3.6/4,7D, 274km Sse of Fort McPherson, Nt Southern Yuku Territory, Canada, Southern Yuku Territory

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DAWY Dawson, INK Inuvik, etc.

IDC 09 18:27:46.8,0.52,0.23,40S:174.59W,h0km,mb3.7/3, mb1.3/9/3,mb1mx3.6/16,mbtmp3.7/3, Error ellipse: s-maj=978.9km s-min=173.5km az=88.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 09 18:39:50.9,2.9,2.46S:153.83E,h0km,mb3.8/2, mb1.4/1/2,mb1mx3.6/15,mbtmp3.8/2, Error ellipse: s-maj=144.4km s-min=47.7km az=121.0, New Ireland region

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

IDC 09 18:56:01.7,5.8,35.52S:103.79W,h0km,mb4.0/3, mb1.4/5/3,mb1mx4.0/14,mbtmp4.0/3, Error ellipse: s-maj=267.3km s-min=66.9km az=56.0, Southeast of Easter Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 09 19:30:10.1,1.7,17.44S:179.75E,h584km,13km, mb3.6/21,mb1.3/8/23,mb1mx3.8/26,mbtmp4.6/23, Error ellipse: s-maj=16.6km s-min=9.7km az=143.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, ANMO Albuquerque, EGAK Eagle, etc.

IDD 09 19:41:12.6; 7.2; 52.43N; 166.60W, h0km, mb4.0/9, mb1.4/0.10, mb1mx3.8/27, mbtmp3.9/10, MS3.6/3, Ms1.3/6.3, ms1mx3.0/38, Error ellipse: s-maj=169.4km s-min=24.2km az=156.0

NEIC 09 19:41:17.6; 52.40N; 166.80W, h33km, ML3.4(AEIC), After AEIC.

ISC 09 19:41:14.6; 3.7; 52.46E; 0.0; 99.166.80W/0.07, h9km, 22km, n45, c085/43, mb4.1/10, MS3.3/3, Fox Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like OKFG Magazine Ridge, OKTU Okmok Mt. Tuli, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy 38.54 222 T, H1N3 WAKE ISLAND Hy 38.55 222 T, etc.

BUI 09 19:41:17.6; 7.75S; 129.48E, h146km, mB5.0/25, mb4.8/38 MOS 09 19:41:22.8; 1.4; 7.16S; 129.13E, h149km, mb4.8/18, Error ellipse: s-maj=14.9km s-min=6.5km az=118.2

NEIC 09 19:41:26.8; 1.0; 7.17S; 129.19E, h172km, 10km, mb4.9/25, Error ellipse: s-maj=8.8km s-min=4.7km az=55.0

IDD 09 19:41:27.0; 1.8; 7.16S; 129.18E, h170km, 18km, mb4.3/15, mb1.4/4.18, mb1mx3.2/33, mbtmp4.9/18, MS3.4/4, Ms1.3/5.4, ms1mx3.1/23, Error ellipse: s-maj=16.0km s-min=8.9km az=64.0

ISCJB 09 19:41:26.3; 0.3; 7.18S; 0.02; 129.34E; 0.02, h186km, 3km, mb4.8/81, Error ellipse: s-maj=3.9km s-min=3.5km az=145.6

AUST 09 19:41:27.0; 2.0; 1.7; 17S; 129.34E, h178km, Error ellipse: s-maj=0.6km s-min=0.5km az=247.0

DJA 09 19:41:27.4; 0.2; 7.2; 12S; 129.93E, h166km, 3km, M4.9/71, mb5.0/71, mb5.4/38, ML3.0/6.10, Mw(mB)4.8/38, Mw(p.8/1) 09 19:41:26.3; 0.3; 7.21S; 0.03; 129.30E; 0.04, h164km, 2km, M4.8/4km; pp-P, n349, e1151/396, m4.8/81, 9C-4D, Banda Sea

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, TLE Tual, KRLC Kraljky, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, BKB Balikpapan, COEN Coen, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Woodward Ranch, Hayter Ranch, TXAR Lajitas Array, etc.

NSSP 09 20:01:40.1, 39.72N:44.27E, h17km, Ms3.6
TIF 09 20:01:40.1, 39.54N:44.17E, h14km, 8km
ISK 09 20:01:42.3, 39.70N:44.25E, h5km, ML3.4

DDA 09 20:01:42.1, 39.80N:44.24E, h5km, MD3.4
IDC 09 20:01:43.8, 1.5, 39.67N:44.30E, h0km, mb3.4/5,
mb1 3.5/6, mb1mx3.4/24, mbmtmp3.6/6, ML2.7/1, Error
ellipse: s-maj=19.0km s-min=1.5km az=141.0

CSEM 09 20:01:43.5, 0.3, 39.71N:44.24E, h2km, ML3.6, Error
ellipse: s-maj=6.6km s-min=4.0km az=122.0
ISC 09 20:01:43.2, 0.3, 39.78N:44.25E:0.02, h1km, 5km,
n74, c134/101, mb3.4/5, 11C-18D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAAR P'arak'ar, YEREA Yerevan, VNNZ Vanand, etc.

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

IDC 09 20:16:58.9, 8.1, 31.47S:180.00E, h324km, 90km, mb2.9/2,
mb1 3.2/3, mb1mx2.9/16, mbmtmp3.8/3, Error ellipse:
s-maj=93.4km s-min=40.6km az=180.0, Kermadec

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

IDC 09 20:17:40.5, 2.6, 12.29S:165.17E, h0km, mb3.6/4,
mb1 3.8/4, mb1mx3.6/17, mbmtmp3.6/4, Error ellipse:
s-maj=133.6km s-min=31.1km az=134.0, Santa Cruz

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

ISCJJB 09 21:03:37.2, 0.7, 12.08S:166.55E:0.10, h83km,
mb4.1/15, Error ellipse: s-maj=13.6km s-min=10.5km
az=170.7

IDC 09 21:03:47.2, 5.2, 12.16S:166.56E, h160km, 46km, mb3.8/9,
mb1 3.9/10, mb1mx3.7/20, mbmtmp3.8/10, Error ellipse:
s-maj=26.5km s-min=22.2km az=23.0

NEIC 09 21:03:47.0, 1.9, 12.19S:166.56E, h162km, 18km,
mb4.2/11, Error ellipse: s-maj=16.0km s-min=8.4km

ISC 09 21:03:38.2, 0.6, 12.02S:166.67E:0.10, h83km, n41,
c113/36, mb4.2/15, Santa Cruz Islands

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.

MAN 09 21:02:42.18, 22.1822N:120.33E, h46km, mb4.2, ML3.0, MS2.7,
2C, Luzon

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

IDC 09 21:06:13.1, 8.1, 18.02S:178.05W, h444km, 88km,
mb3.0/5, mb1 3.3/5, mb1mx3.0/17, mbmtmp3.8/5, Error
ellipse: s-maj=117.0km s-min=34.7km az=151.0, Fiji

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

IDC 09 21:09:18.4, 1.4, 12.44S:165.84E, h0km, mb4.1/8,
mb1 4.1/9, mb1mx4.0/18, mbmtmp4.0/9, ML3.5/1, MS3.6/7,
Ms1 3.6/7, ms1mx3.3/28, Error ellipse: s-maj=44.6km
s-min=23.5km az=112.0

ISCJJB 09 21:09:21.8, 0.8, 12.62S:165.8E:0.2, h40km,
mb4.0/11, MS3.2/6, Error ellipse: s-maj=22.6km
s-min=13.5km az=177.1

NEIC 09 21:09:22.0, 0.7, 12.54S:165.88E, h35km, mb4.1/4, Error
ellipse: s-maj=20.4km s-min=13.0km az=85.0

ISC 09 21:09:23.7, 0.9, 12.65S:165.3E:0.2, h40km, n25,
c150S:25.0/11, MS3.4/6, Santa Cruz Islands

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.





Table listing stations and their characteristics for the 9d 22h period. Columns include call sign, name, frequency, power, and other technical details.

Table listing stations and their characteristics for the 2009 NOV period. Columns include call sign, name, frequency, power, and other technical details.

Table listing stations and their characteristics for the 370 period. Columns include call sign, name, frequency, power, and other technical details.

IDC 09 21:36:38.6-3.7, 19.35N x 122.08E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/2, mbtmp3.5/4, Error ellipse: s-maj=325.9km s-min=22.6km az=62.0, Philippine Islands region

Table listing stations and their characteristics for the IDC 09 21:36:38.6-3.7 region. Columns include code, station name, frequency, power, and other technical details.

IDC 09 21:46:14.9-5.1, 5.36S-132.74E, h0km, mb3.6/1, mb1 3.7/3, mb1mx3.5/4, mbtmp3.5/3, ML3.4/2, Error ellipse: s-maj=318.9km s-min=30.8km az=76.0, Rumania Islands region

Table listing stations and their characteristics for the IDC 09 21:46:14.9-5.1 region. Columns include code, station name, frequency, power, and other technical details.

CSEM 09 22:17:39.4, 45.37N-26.12E, h150km, MD3.7/2, After BUC 09 22:17:39.4-0.9, 45.37N-26.12E, h150km, 8km, MD3.7/2, 69C-18D, Error ellipse: s-maj=5.7km s-min=5.0km az=356.0, Romania

Table listing stations and their characteristics for the CSEM 09 22:17:39.4 region. Columns include code, station name, frequency, power, and other technical details.

Table with columns: CIO, Ciorogarla, 0.94 191, Pn, 22 18 03.7 +0.1, etc. Includes stations like Ciorogarla, GOLR, BUC1, ARR, GHRH, AMRR, HUMR, TESR, CFR, HARR, LOT, MSAB, LEOM, TIRR, TCLR, SRE, BURAR, GZR, KIS, DRGR, etc.

IDC 09 22:31:16.0.4.0.36:25N-70:85E, h154km, 36km, mb3.5/10, mb1 3.5/14, mb1mx3.4/28, mbtmp3.9/14, Error ellipse: s-maj=26.2km s-min=16.3km az=14.0

ISCJBJ 09 22:31:18.6.0.4.36:49N.0.05:70.94E.0.07, h188km, mb3.8/9, Error ellipse: s-maj=9.3km s-min=4.2km az=144.8

NNC 09 22:31:23.9.8.3.36:92N.70:55E, h160km, 93km, mb3.0, mpv3.6, Error ellipse: s-maj=75.1km s-min=52.0km az=31

ISC 09 22:31:19.5.0.6.36:46N.0.07:71.01E.0.08, h188km, n40, c1540/38, mb3.7/9, 4C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like DHARAMSHALA, Karatay Array, Ala-Archa, Simlia, DHARA, DDI, NDI, MK31, MKAR, DANN, KOLN, KOLN, GKN, BHPH, DMN, KKN, PKIN, PKI, AB31, KURBB, GUN, JBP, JIRN, etc.

Table with columns: JIRN, RAMN, AKL, BVAR, AKTO, TAPN, ODAN, ZALV, GNI, BRTR, AKASG, FINES, ACES, NB2, NOA, TORD, YKA, ASAR, etc. Includes stations like Ramite, Borovoye Array, Aktyubinsk, Odare, Zalesovo Beam, Norstar Array, Torodi Arr, Warramunga Arr, Alice Springs, etc.

KRSC 09 22:39:56.0.4.8.53:94N.165:12E, h32km, 32km, ML3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Bering, Mys Kozlova, Krutoberegovo, Kamenistaya, Sedlovina, Arik, etc.

AUST 09 23:08:57.7.9.4.26:87S.170:64W, h174km, 2km, Error ellipse: s-maj=3.9km s-min=2.7km az=26.0

IDC 09 23:10:08.8.11.0.25:09S.178:99W, h376km, 103km, mb3.5/3, mb1 3.7/4, mb1mx3.3/15, mbtmp4.4/4, Error ellipse: s-maj=64.4km s-min=30.7km az=49.0

ISC 09 23:10:10.5.0.3.25:35S.02:179.0W.0.4, h388km, n12, c0911/13, mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Urewera, Lord Howe Isla, Cobar Meteorol, Stephens Creek, Hallett, BBOO, ASAR, WRA, KDU, KNRA, TORD, etc.

DJA 09 23:17:58.0.0.8.3.N.6:9E.1, h60km, 8km, M3.3/8, mb3.7/1, MLV3.0/8, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Sinabang, Aceh, Kotacane, Gunungsitoli, Lhok Sumawe, Banda Aceh, Prapat, Iphoh, etc.

MEX 09 23:27:25.5.1.3.18:54N.104:29W, h16km, 83km, MD3.5, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like R15V, R15V, MMIG, EZSV, SFJM, MIOG, etc.

JMA 09 23:40:54.2.0.2.43:65N.147:63E, h42km, M3.8, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Nemuro 2, Rausu, Akkeshi, Ashorobets, Onobets, Maruseppu, Churui, Urukawa-nobuka, Soyaes, Keihoku, etc.

IDC 10 00:16:51.9.15.0.0:53S.134:26E, h0km, mb3.4/2, mb1 3.5/3, mb1mx3.3/18, mbtmp3.3/18, ML2.9/1, Error ellipse: s-maj=238.0km s-min=131.9km az=154.0, Irian Jaya region

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

IDC 10 00:29:36.0.6.52:28N.168:61W, h0km, mb4.6/27, mb1 4.7/29, mb1mx4.7/32, mbtmp4.6/29, ML3.8/2, MS3.7/5, Ms1 3.7/5, ms1mx3.4/29, Error ellipse: s-maj=17.4km s-min=10.2km az=170.0

ISCJBJ 10 00:29:32.0.8.52:28N.0.03:168:60W.0.02, h24km, 5km, mb4.9/204, MS4.2/15, Error ellipse: s-maj=4.4km s-min=2.3km az=2.2

MOS 10 00:29:41.2.1.52:40N.168:66W, h33km, mb5.4/78, Error ellipse: s-maj=9.6km s-min=4.3km az=91.3

NEIC 10 00:29:42.4.0.7.52:39N.168:60W, h32km, 4km, mb5.0/128, Error ellipse: s-maj=4.4km s-min=2.2km az=173.0

BJL 10 00:29:44.6.52:39N.169:25W, h45km, mb5.1/26, mb5.0/48, MS4.8/26, Ms7 4.4/26

ISC 10 00:29:43.2.0.4.52:34N.0.05:168:63W.0.03, h46km, 2km, h46km, P-P, n79, c1921/844, mb5.0/205, MS4.3/16, 140C-120D, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Nikolski High, Okmok Cone, Magazine Ridge, Makushin Cirgu, Semis' Southw, Unalaska Valle, Makushin Table, Akutan Reef Bi, Akutan Zero, Lava Point, Akutan Green G, Shishaldin Wes, Fals Pass, Great Sitkin T, etc.

10d Oh

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like M02C Callahan, EDM Edmonton, etc.

2009 NOV

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like DUG Dugway, D22A Cohagen, etc.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like ISCO Idaho Springs, I28A Midland, etc.



10d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HGN, JIRN, PBKT, MEM, etc.

2009 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BUR08, THEF, BUR04, etc.

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



Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LBTB Lobatse, MAW Mawson, and MAW Mawson.

GUC 10 00:44:11.2-0.5, 22'48S-66'82W, h112km, 11km, ML3.5, 4C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB04 Plate Boundary, MACH Maria Elena, and CEN1 Los Morros.

BUI 10 00:45:52.5, 41.10S, 44.40E, h10km, mb5.2/8, mb5.1/13, Ms5.0/6, Ms7.4/9.8

IDC 10 00:45:52.2-0.4, 41.06S, 44.50E, h0km, mb4.5/20, mb1.4/20, mb1mx4.6/25, mbmp4.6/20, MS4.4/21, Ms1.4/3/21, ms1mx4.3/24, Error ellipse: s-maj=16.6km s-min=12.9km az=55.0

ISC/JB 10 00:45:52.7-0.3, 41.10S, 0.05-44.36E, h12km, mb4.8/49, MS4.4/24, Error ellipse: s-maj=9.1km s-min=7.0km az=156.1

MOS 10 00:45:52.6-0.9, 41.09S, 44.43E, h10km, mb5.0/16, Error ellipse: s-maj=17.5km s-min=8.8km az=97.8

NEIC 10 00:45:54.0-0.2, 41.07S, 44.42E, h10km, mb4.9/16, Error ellipse: s-maj=6.8km s-min=5.2km az=55.0

GCMT 10 00:45:55.3-0.2, 40.98S, 44.31E, h12km, MW5.1, Moment Tensor Solution, s33,c43; s86,c133; Moment tensor: Scale 10^16Nm; Mr=5.83i, 15; Mw=4.40t, 13; Mo=1.43z, 15; Mo=0.11t, 40; Mw=2.02t, 11; Mw=0.46t, 56; Best double couple: Ms.600000, 1016; NP1.3e6, 0.00000, 0.47, 0.00000, 1.9, 4.00000; NP2.2e6, 0.00000, 0.44, 0.00000, 1.8, 5.00000; Principal axes: T 5.4300, Plg2.0000, Azm153.0000; N 0.4300, Plg3.0000, Azm63.0000; P -5.8600, Plg6.0000, Azm268.0000; Data Used: II U/G

ISC 10 00:45:54.7-0.3, 41.12S, 0.06-44.28E, h12km, n462, c1521/S01, mb4.8/49, MS4.5/24, 152C-140D, Crozet Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOSA Boshof, SUR Sutherland, ABPO Ambhoipanom, and many others.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RST Umm Al-Ruwaisa, UMR Umm Al-Rimmam, and SURT Suratani.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TAM Tamrassett, ITEG Tejag, IMON Monard, and many others.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CD2 Kolonice sedl, CD2 Kolonice sedl, CD2 Kolonice sedl, and many others.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Q16A Castle Valley, U15A North Rim, GLA Glamis, etc.

MDD 10 01:25:40.2, 5.37, 60N:16:07W, h0km, mb3.9/9, Error ellipse: s-maj=23.9km s-min=21.1km az=140.0, PRXIMO CSEM 10 01:25:46.3, 0.5, 37.78N:15:54W, h10km, ML3.4/6, Error ellipse: s-maj=8.7km s-min=7.8km az=133.0

INMG 10 01:25:47.0, 2.1, 37.60N:16:00W, h10km, ML2.5, Error ellipse: s-maj=36.0km s-min=32.7km az=75.0

ISC 10 01:25:44.1, 3.9, 37.76N:15:57W, h10km, n70, +150/127, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMAFR Mafrá, PMAFR Mafrá, PMAFR Mafrá, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like EGRO El Granado, EGRO El Granado, PMRV Marv??o, etc.

ISC 10 01:54:32.3, 59.0, 18:33S:179:08W, h0km, mb3.7/3, s-m1=3.8, mb1mx3.6/17, mbtmp3.7/3, Error ellipse: s-maj=1068.0km s-min=166.0km az=79.0, Fiji Islands region

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

MEX 10 01:58:37.0, 4.0, 18:08N:103:38W, h10km, 2km, MD3.9, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MMIG Aquila, R15V R15V, EZSV EZSV, ZIIG Zihuatanejo, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZIIG Morelia, MOIG Morelia, MOIG Puente Sto Nin, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CNP Catarmán, CNP Palo, PLP Palo, etc.

MEX 10 02:29:39.3, 0.7, 19:00N:98:61W, h5km, 4km, MD3.6, Central Mexico

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PPM Popocatepeti, AMVM AMATECA, AMVM YAIG, etc.

ISCJB 10 02:29:53.0, 3.0, 59:83N:0:02:11:04E, h0km, Error ellipse: s-maj=2.9km s-min=2.5km az=168.7

CSEM 10 02:29:54.6, 0.1, 59:84N:11:04E, h1km, ML2.1, Error ellipse: s-maj=2.8km s-min=2.2km az=69.0, Suspected Mining explosion.

HEL 10 02:29:55.6, 0.1, 59:82N:10:99E, h10km, ML2.3, ML2.1 (UPP), ML2.1 (BER)

NAO 10 02:29:55.1, 0.9, 59:86N:11:02E, h3km, 13km, ML2.1 UPP 10 02:29:56.9, 59:82N:11:00E, h0km, ML1.9, Suspected Mining explosion.

BER 10 02:29:57.0, 59:84N:11:06E, h15km, MD2.5, ML2.1, ML2.1 (NAO)

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FINU Finntorp, FINU Finntorp, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Kongsberg, Norsar Subarra, Rauma, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Espesrend, Askoy, Karmoy, etc.

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND, INK, MKAR, etc.



10d 2h

Table with columns for station name (e.g., GUIM, QZH, QZH), frequency (e.g., 30.34, 30.48), and various signal quality indicators (e.g., 83, 53). Includes sub-headers like 'comp=Z, 6µm, 20.3s'.

2009 NOV

Table with columns for station name (e.g., WMQ, TNTI, BTO), frequency (e.g., 36.01, 36.22), and various signal quality indicators. Includes sub-headers like 'comp=Z, 8µm, 14.0s'.

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Table with columns for station name (e.g., FITZ, FITZ, ISFR), frequency (e.g., 42.19, 42.23), and various signal quality indicators. Includes sub-headers like 'comp=Z, 28nm, 1.3s'.

Table with columns for call sign, name, frequency, and other technical details. Includes entries for BRVK, Borovoye, RKGY, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries for ARU, MAZI, CLNS, etc.

Table with columns for call sign, name, frequency, and other technical details. Includes entries for YAK, PPCI, AKMC, etc.

10d 2h

Table with columns: STANT, Name, Frequency, Power, Modulation, and other parameters. Includes stations like Santorini, Eidsvold, Apeiranthos, etc.

2009 NOV

Table with columns: ITM, Name, Frequency, Power, Modulation, and other parameters. Includes stations like Ithomi, NACGM, MAKRA, etc.

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Table with columns: Name, Frequency, Power, Modulation, and other parameters. Includes stations like PK6S, UPM, LBTB, etc.



Table with columns: Call sign, Name, Frequency, Mode, and various signal quality indicators. Rows include stations like VOJSKO, BORNHOLM SKOV, BUREF, etc.

Table with columns: Call sign, Name, Frequency, Mode, and various signal quality indicators. Rows include stations like SUR, SUTHERLAND, SUR, etc.

Table with columns: Call sign, Name, Frequency, Mode, and various signal quality indicators. Rows include stations like WTSB, WTSB, WMVF, etc.



Table with columns: QSPA, Name, Location, Date, Status, and other details. Includes entries like South Pole Qui, Afiamalu, Bremner River, etc.

Table with columns: WWOR, Name, Location, Date, Status, and other details. Includes entries like Wild Horse Val, Wild Horse Val, Wild Horse Val, etc.

Table with columns: Name, Location, Date, Status, and other details. Includes entries like Auburn Hatcher, Walker, Maurine, etc.

10d 2h

Table with columns: Property Name, Address, Price, Beds, Baths, Status, Date, Price Change, etc. Includes listings like Peak Mountain, Dallas, Flueckinger Fa, etc.

2009 NOV

Table with columns: Property Name, Address, Price, Beds, Baths, Status, Date, Price Change, etc. Includes listings like North Rim, Redvale, Willow Gulch B, etc.

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Table with columns: Property Name, Address, Price, Beds, Baths, Status, Date, Price Change, etc. Includes listings like Atchley Ranch, Rampart Ranch, Thompson Grove, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sharp Cattle R, Mount Ida, Moseley Ranch, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Grand Turk, Cerrillos, Obispo, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ARCES, Lajitas Array, BUI, etc.

10d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, FITZ, CD2, MTN, WHN, NWAO, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMSA, IPAY, OPO, IPAR, ISHV, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SUW, CRVS, FIAO, FIAO, PSZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Y25A Mesa, Roswell, Z24A Sheppan Cayo, Z25A Roswell, 124A Stringfield Ra, X29A Tula, 425A Indio Mountain, 426A McDonald Obser, 326A Wristen Ranch, 427A Hayler Ranch, 232A Haskell, 526A Mary Lane Ranch, 329A Wagon Wheel Ra, CPUP Villa Florida, 527A Woodward Ranch, 230A Sterling City, 428A Kincaid Ranch, ABTX Abilene, Hawle, 626A Big Bend Ranch, 330A Mertzson, 231A Gronte, 528A Cox Ranch, SAn Angelo, 431A Baggett Ranch, MIAR Mount Ida, 628A Black Gap, Mar, 332A Millersview, 430A Sonora, 431A J-C Ranch, 432A Menard, WHTX Lake Whitney, 531A Rocksprings, JCT Junction City, CPCT Cooper Cave, 532A Rocksprings, 631A Perdido Creek, KMSC Kings Mountain, 632A Uvalde, 732A Laxson Ranch, HKT Hockley, 438.35 25 ePKP2, HKT Hockley, 438.35 25 ePKPbc.

IDC 10 03:56:15.1±1.5, 9.07N, 125.96E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.7/23, mbtmp3.7/6, Error ellipse: s-maj=123.9km s-min=18.7km az=71.0

MAN 10 03:56:19.5±0.9, 9.45N, 125.93E, h30km, mb4.6, ML3.4, MS3.4

MAN INTENSITY II TAGO SURIGAO DEL SUR, ISC JB 10 03:56:19.5±0.9, 9.3N, 126.5E, 0.07, h5km, mb3.6/7, Error ellipse: s-maj=15.1km s-min=9.5km az=162.7

ISC 10 03:56:21.6±1.1, 9.3N, 126.5E, 0.1, h5km, n12, 0.1±12/13, mb3.5/7, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, CGP Cotabato-PC H, BUKP Musuan, BAGP Pagadian, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arr, ARCES ARCES Array B, TORD Torodi Ar, Bea, IGQ 10 04:09:38.7, 3.69S, 78.20W, h106km, Mb4.0, MS3.8, Error ellipse: s-maj=16.7km s-min=7.5km az=15.6, Peru-Ecuador border region

IGQ 10 04:09:38.7, 3.69S, 78.20W, h106km, Mb4.0, MS3.8, Error ellipse: s-maj=16.7km s-min=7.5km az=15.6, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PATI Patacocha, ARRY Arrayan, BPAT Tunghurahu Vol, BMAS Trigal station, ULBA Ulba, BRUN Tunghurahu Vol, JUI6 Juive, PISA Pisyampoy, BMOR Cotopaxi Volca, BTAM Cotopaxi Volca, BREF Cotopaxi Volca, BNAS Cotopaxi Volca, BV2C Cotopaxi Volca, VC1 Cotopaxi Volca

MAN 10 04:26:48.8±3.1N, 123.38E, h20km, mb4.2, ML3.0, MS2.8, 3C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DCPH Dipolog City, PAGZ Pagadian, BSD Bornholm Skovb

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CGP Cagayan de Oro, CTBH Cotabato-PC H, SNPH Sibulan, MUSAN Musuan, TBP Tagbilaran, IPII Ipi, LAPU-LAPU Lapu-Lapu, MAASIN Maasin, GUIM Jordan

IDC 10 04:30:35.6±9.6, 19.31S, 177.93W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.7/19, mbtmp3.9/3, Error ellipse: s-maj=58.9km s-min=24.2km az=146.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, BRTR Keskin Array B

IDC 10 04:46:31.6±3.0, 30.00S, 177.33W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.8/17, mbtmp3.9/3, Error ellipse: s-maj=58.9km s-min=24.2km az=79.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B

ISC JB 10 04:47:02.8±0.6, 51.42N, 0.03±16.20E, 0.04, h0km, Error ellipse: s-maj=4.3km s-min=3.1km az=19.4

CSEM 10 04:47:03.8±0.3, 51.45N, 16.19E, h2km, ML3.3/12, Error ellipse: s-maj=4.7km s-min=4.3km az=1.0

IDC 10 04:47:03.7±3.0, 51.99N, 14.19E, h0km, mb1 3.4/3, mb1mx3.2/24, mbtmp3.2/2, ML2.8/3, Error ellipse: s-maj=153.7km s-min=11.1km az=105.0

IPEC 10 04:47:04.4±0.3, 51.46N, 16.39E, h0km, ML2.3/3, Error ellipse: s-maj=2.8km s-min=1.6km az=73.0

WAR 10 04:47:05.4±1.44N, 16.19E, h0km

PRU 10 04:47:05.4±1.44N, 16.19E, h0km

VIE 10 04:47:07.2±0.5, 51.21N, 16.19E, h0km, mb2.2/3, ML2.8/4, Error ellipse: s-maj=3.5km s-min=2.8km az=1.0 58 km WNW of Wroclaw Suspected Mining induced.

ISC 10 04:47:03.0±0.5, 51.51N, 0.03±16.21E, 0.02, h0km, n37, 0.085/73, 2C-3D, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, PVCC Panska Ves, BRG Berggiesshobel, PRU Pruhoonice, PRU Pruhoonice, MORC Moravsky Berou, CLL Collm, CLL Collm, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ostrava-Krasne, TREST Trest, TREST Trest, TREST Trest, KRUC Kruc, KRUC Kruc, OJC Ojcow, OJC Ojcow, OJC Ojcow, NKC Novy Kostel, NKC Novy Kostel, NKC Novy Kostel, KHC Kasperske Hory, KHC Kasperske Hory, GERE GERE Array B, GERE GERE Array B, GERE GERE Array B, NIE Niedzica, NIE Niedzica, CONA Conrad Observa, CONA Conrad Observa, CONA Conrad Observa, BSD Bornholm Skovb

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSD Breda, BSD Breda, BSD Breda, MOA Mollin, MOA Mollin, KOLS Kolonicke sedi, KOLS Kolonicke sedi, FINES FINES Array B, ARCES ARCES Array B

ISC JB 10 04:47:35.9±1.3, 38.1S, 0.2±51.2E, 0.14, h10km, mb3.8/4, Error ellipse: s-maj=46.0km s-min=20.7km az=161.5

IDC 10 04:47:36.1±1.4, 38.1S, 0.2±51.2E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/23, mbtmp3.9/5, ML4.0/1, Error ellipse: s-maj=49.8km s-min=29.7km az=74.0

ISC 10 04:47:37.4±1.4, 38.1S, 0.2±51.2E, 0.14, h10km, n9, 0.0874/6, mb3.9/4, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OPO Ambohitrampoto, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, QSPA South Pole Qui, ASAR Alice Springs, STKA Stephens Creek, WRA Warramunga Arr, ILAR Eriem Array

DDA 10 05:20:13.3, 40.14N, 33.40E, h3km, MD2.8

ISK 10 05:20:13.3, 40.45N, 33.38E, h5km, MD3.6

CSEM 10 05:20:14.6±0.1, 40.43N, 33.40E, h2km, MD2.8, Error ellipse: s-maj=3.0km s-min=2.4km az=149.0

ISC 10 05:10:42.0±0.9, 40.43N, 0.02±33.40E, 0.02, h5km, 7km, n83, 0.1502/95, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ELDT Eldivan, ELDT Eldivan, ELDT Eldivan, CANT Cankiri, ILGA Ilgaz, ILGA Ilgaz, ILGA Ilgaz, ANTO Ankara, ANTO Ankara, LOD Lodumlu, LOD Lodumlu, LOD Lodumlu, TOSY TOSYA, TOSY TOSYA, BBAL Bala, BBAL Bala, BBAL Bala, CORUM Corum, CORUM Corum, SAFT Safranbolu, SAFT Safranbolu, AFAR AFAR-Bala (A), AFAR AFAR-Bala (A), CTKT Corum, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, BZK Bozkurt, BZK Bozkurt, YOZ Yozgat, YOZ Yozgat, MDJB Mudurnu, MDJB Mudurnu, KDZE Karadeniz Ereo, KDZE Karadeniz Ereo, DIKM Dikmen, DIKM Dikmen, HAVZ Havza, HAVZ Havza, KIZT Kizilcal, KIZT Kizilcal, AVNT Avonos, AVNT Avonos, AVNT Avonos, KVT Kavak, ESKT Eskisehir, ESKT Eskisehir, GULT Gulveren, GULT Gulveren, SULT Sultanhani-AKS, SULT Sultanhani-AKS, LADK LADIK-KONYA, LADK LADIK-KONYA, GPA Gulpazari, GPA Gulpazari, BNN Bunn, BNN Bunn, BNN Bunn, NIG Nigde, NIG Nigde, KONT Konya-Tatoy, KONT Konya-Tatoy, ADVT Abdulvahap, ADVT Abdulvahap, SVSK Karacayir, SVSK Karacayir, SHUT Suhut-Afyon, SHUT Suhut-Afyon, SILT Sile, SILT Sile, RESADY Resadiye-TOKAT, RESADY Resadiye-TOKAT, TVSB Tavsanli, TVSB Tavsanli, GEMT Gemlik, GEMT Gemlik, GULE Gule, GULE Gule, ISK Istanbul-Kandi, ISK Istanbul-Kandi, KLYT Kilyos, KLYT Kilyos, KARA Karaisalı, KARA Karaisalı, ARMT Armutlu, ARMT Armutlu, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, DARE Darende-Malaty

ISK 10 05:34:40.6, 39.35N, 26.24E, h16km, MD3.3, ML3.3

ATH 10 05:34:40.1, 39.41N, 26.36E, h9km, 3km, MD3.0/5

CSEM 10 05:34:41.1±0.1, 39.35N, 26.27E, h12km, ML3.3/5, Error ellipse: s-maj=2.9km s-min=2.6km az=104.0

DDA 10 05:34:41.2, 39.41N, 26.36E, h7km, MD3.1

THE 10 05:34:41.4, 39.34N, 26.29E, h14km, ML3.3/5, Error ellipse: s-maj=1.0km s-min=0.4km az=250.0

ISC 10 05:34:41.3±0.8, 39.35N, 0.02±26.28E, 0.02, h15km, 5km, 10d 5h





MKAR Makanchi Array 146.68 40 PKPbc PKPab 07 18 40.0 -0.5

ISCJB 10 07:21:25.7 1.0, 21.9S:0.2:178.0W:0.2, h373km, mb3.5/7, Error ellipse: s-maj=34.0km s-min=20.0km az=152.1

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes rows for CTA, STKA, ASAR, WRA, FITZ, VNDA, NVAR, ILAR, AKASG, TORO.

CSEM 10 07:29:54.2, 12°13N:44.67E, h4km, ML3.7, After DHMR DHMR 10 07:29:54.2, 12°13N:44.67E, h4km, ML3.7, 1D,

Western Arabian Peninsula

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes rows for TRBA, LBOS, UDYU, BDHA, DHBB, HAJJ, HAJJ.

ISCJB 10 07:36:54.8 1.5, 20.71N:0.07:101.85E:0.06, h15km, mb3.9/12, MS3.6/13, Error ellipse: s-maj=12.4km s-min=8.2km az=161.3

BUI 10 07:36:54.6, 20°85N:101°89E, h16km, mb4.4/2, mb4.0/6, ML4.6/5, Ms4.2/2, Ms7.4/0/6

NEIC 10 07:36:54.4 0.8, 20.72N:101°87E, h0km, mb3.8/9, mb1.3/9/10, mb1mx3.7/28, mbtmp3.8/10, ML4.1, 1/1, MS3.6/14, Ms1.3/7/14, ms1mx3.4/40, Error ellipse: s-maj=19.8km s-min=15.6km az=118.0

NEIC 10 07:36:55.6 0.4, 20.71N:101°91E, h10km, mb4.0/3, Error ellipse: s-maj=8.8km s-min=7.3km az=125.0

NEIC Felt at Ban Nahin. PLV 10 07:36:55.0 0.9, 20°54N:102°10E, h0km, 9km, MD4.1

ISC 10 07:36:56.5 0.8, 20.71N:101°97E:0.04, h16km, 5km, n42, e143/46, mb4.0/12, MS3.7/13, Laos

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes rows for DBV, SVN, CHTO, HANO, CM31, CMAR, KMI, QIZ, QIZ, QIZ, QIZ, IMP, GTA, GTA, GTA, JCU.

BVAR Borovoye Array 40.73 331 P P 07 44 33.4 -0.1

ASAJ Asahikawa 40.92 46 P P 07 44 40.0 +1.8

ABKAR Abkhalak array 43.84 321 P P 07 45 01.8 -0.1

ARU Arta 47.92 329 eP P 07 45 33.4 -0.7

WRM Warramunga Arr 51.34 140 P P 07 46 08.8 +0.2

PETK Petukhovskiy 53.28 38 LR LR 08 12 02.2

ASAR Alice Springs 53.98 143 P P 07 46 20.6 +0.6

HNR Honiara 54.37 112 LR LR 08 14 46.8

FINES FINESS Array B 65.30 329 P P 07 47 36.5 -1.1

ARCES ARCESS Array B 66.04 338 LR LR 08 19 15.1

NOA NORSTAR Array B 70.48 329 LR LR 08 21 49.6

ILAR Eielson Array 80.25 24 P P 07 49 05.2 -0.1

ILAR Eielson Array 80.05 24 P P 07 49 05.2 -0.1

INK Inuvik 82.58 18 P P 07 49 20.1 +1.5

INK Inuvik 82.58 18 P P 07 49 20.1 +1.5

BUI 10 07:39:28.8, 53°05N:173°49W, h28km, mb4.9/2, mb4.6/3, Ms4.4/1, Ms7.4/3/1

ISC 10 07:39:32.9 4.7, 52°16N:174°03W, h75km, 46km, mb3.5/6, mb1.3/9/8, mb1mx3.5/27, mbtmp3.6/8, ML3.9/2, Error ellipse: s-maj=48.0km s-min=15.6km az=158.0

ISCJB 10 07:39:33.0 4.0, 52°22N:173°98W:0.05, h74km, 7km, n48, e147/53, mb3.8/8, Andreanof Islands

NEIC 10 07:39:35.3 5.2, 52°21N:173°94W, h26km, ML4.0(AEIC), After AEIC

ISC 10 07:39:33.5 0.7, 52°22N:173°98W:0.05, h74km, 7km, n48, e147/53, mb3.8/8, Andreanof Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes rows for GSTR, GSTR, GSTD, GSKC, ETKA, ADAG, KINC, KIKV, TAFL, TAFL, TAFL, TAFL, TASE, GAEA, GALAA, NIKH, NIKH, OKTE, OKTE, OKTE, CERAA, CESA, MSOM, UNV, AKUT, SP1A, FX1, FX1, FX1, FX1, H1N2, H1N3, H1N1, NEW, NEW, H1S1, H1S2, H1S3, CN2, NVAR, NVAR, PDAR, PDAR, PDAR, TXAR, TXAR, TXAR, GYA, GYA, WRA, WRA, ASAR, ASAR, ISCJB 10 07:41:51.9, 0.4, 22°44S:0°03:68°30W:0°04, h100km, 3km, mb4.5/45, Error ellipse: s-maj=6.4km s-min=4.9km az=151.8

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes rows for PB07, PB07, PB07, PB07, ANCH, ANCH, ANCH, ANCH, HMBG, HMBG, HMBG, PSGC, MNNM, LCO, CFAA, CFAA, CFAA, SIV, SIV, SIV, CPUP, CPUP, H03N1, H03N2, H03N3, TRQA, PLCA, SPB, BDFB, BDFB, BDFB, PTAG, OTAV, SDV, USHA, USHA, GRGR, RCBR, FDF, APG, KMSC, 732A, SWET, 632A, 631A, 532A, JCT, JCT, 531A, WHTX, 432A, WWT, 530A, SNA, SNA, SNA, 431A, 628A, MIAR, 529A, 529A, 627A, 331A, TXAR, TXAR, 232A, 429A, 528A, 330A, 626A, 428A, 527A, 527A, 526A, 329A, MVL, BBTS, BBTS, 427A, 131A, 229A.

Table with columns for ID, Name, Date, Time, and various numerical values. Includes entries for Haskell, Wristen Ranch, McDonald Obser, Snyder, Sharp Cattle R, Caldwell Ranch, Stewart Farms, R-V Farms, Ver, Indio Mountain, Tulsa, Sanderson Ranch, Castleberry Fa, Elmer, Rekieta Farm, Hungry Hill Ra, Caddo, Fort Co, Tecolote Peak, Arkansas Junct, McDonald Ranch, Tucker Farm, M, Moseley Ranch, Sentinel, Porterfield Fa, Coker Ranch, T, Deer Hill, Car, Lossen Ranch, Clayton Basin, Tatum, Binghamton, Anderson Ranch, Cornudas Mount, Gardner Draw, Tulia, Muleshoe, Caprock, Causey, Spring Creek L, Amarillo, Winter Ranch, Stringfield Ra, Roswell, Amrillito, F and S Farms, Sheppan Canyo, Vega, Mesa, Roswell, CR and CF Fran, Bowe Ranch, En, Rita Site, Whi, Channing, Playas Peak, P, Clemmons Ranch, Douglas, Owens Ranch, T, Cookes Peak, D, Dan Oppiter Fa, Elephant Butte, Lovelace Mesa, Mallet, X Bar L Ranch, Long Quarter, Hugoton, St. Cloud Mine, Tequesquite Ra, Montezuma, Lake Ozonia, Socorro, Connelly Farm, Flat Rock, Ulysses, Lazy 6 Ranch, Walsh, Nine Sixteen R, Mettler Ranch, Rancho No Teng, Atheyley Ranch, Dighton, Point of Rocks, Campo, Manter, Albuquerque, Werner Place, Ramp O Ranch, Ellis, Circle Dot Ran, Soul Pole Qui, Horse Springs, Alamocita Cree, Albuquerque, Menithal, Comanche Natio, Quinter, Ortiz Mt. (NFS), Stockton, Tribune, Moreno Valley, Lamto, Oakley, Kim, San Fidel, Quemado, Trinidad, Toumudi, Kosan Boka, Dimbokro, Dimbokro, El Rito, San Miguel Ran, San Luis, Roberts Cordova, Ramah, Organ Pipe Nat, Arlington, Llavies, Kay Shedlock, Fountain Ranch, Houchin Ranch, Brimhall, Belgrade, Great Sand Dun, Nageezi, Petrified Fore, Edith, Krusinger Ran, Navajo Lake, Newcomb, Lo Mia Camp, P, 4UR Ranch, Cre, Beecher Island, Divide, Willow Gulch B, Butterfield Fa, Spencer Herefo, Wickenburg, Mesa Verde, Mesa Verde, Wupatki, Basset, St. Paul, Idaho Springs, Redvale, Blythe, Snowmass, Lazy Trails An, Eagle, Dallas, Lake Granby, G, Big Chuckwackal, Ten Mile Ranch, Kremling, Iron Mountain, North Rim, Okreek, Flueckinger Fa, Reed Feather L, Allard Ranch, Wattenberg Ran, Elkhorn Farm, Sides Ranch, S, Onida, San Rafael, Mission Ridge, Cedar City, Marysvalle, Rochford, Edwards Air Fo, Alcovia, McLaughlin, Maurine, Midwest, Popoh Spring, Buchanan, Dupree, Dirks Ranch, A, Dugway, Dugway, Mose, Pekin, Troy Canyon, C, Big Trails, Te, Scott Base, Bowman, Pinedale Array, Pinedale Array, Cleomont, Bidde, Crowheart, Syowa Base, Ekakala, Wortland, Myrick Farm, E, Miller Ranch, Greybull, Meeteetee, Baker, Vanda, Vanda, Rosebud, Dugan Ranch, T, Manning Farm, Wahner Farm, ULM, ULM, Powell, H20A, Bridger, Mina Array Bea, Mina Array Bea, Shoshone NF, C, Flagg Ranch, Lindsey, Schefferville, Schefferville, Knox Farm, Ray, Torodi Ar. Sit, Torodi Ar. Bea, Torodi Ar. Bea, Torodi Ar. Bea, Meyer Farm, Mu, Westby, Manuel Ranch, Halley, Halley, Cripps Ranch, Carney Farms, Tsumeb, Cobblestone Ra, Eagleton, Boshof, Boshof, Mawson, Mawson, Mawson, Tamarrasset, Sonseca Array, Sonseca Array, WAKE ISLAND Hyt28.51 276, WAKE ISLAND Hyt28.52 276, WAKE ISLAND Hyt28.53 276, WAKE ISLAND Hyt28.62 278, WAKE ISLAND Hyt28.63 278, Alice Springs, Alice Springs, Warramunga Arr, Warramunga Arr, Warramunga Arr, Kurchatov, Kurchatov, Zalesovo Beam, Zalesovo Beam, Zalesovo Beam, Makanchi Array, Makanchi Array

comp=N,7.6nm,0.8s,baz=312,slow=2.5,SNR=51

NIED 10 07:57:00.29,40N:131.50E,h14km,Mw3.8 Best double couple: M5.05000x1014 NP1.3e168.00000,369.00000, 1.135.00000. NP2.2e59.00000,348.00000, 1.28.00000

IDC 10 07:57:02.51,1.29,38N:131.47E,h0km,mb3.7/6, mb1.3/8,mb1mx3.6/25,mbtmp3.7/8,ML3.3/2, Error ellipse: s-maj=43.0km s-min=20.1km az=73.0

JMA 10 07:57:06.0,0.1,29.44N:131.45E,h64km,4km,M3.8

ISC 10 07:57:04.3,2.1,29.47N:131.41E,h01.07,h17km,12km, n21,c082/34,mb4.07,Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Tanegashima 3, Nakanoshima, Kuchinoerabu, etc.

NEIC 10 07:58:22.8,51.45N:174.23W,h15km,ML3.5(AEIC), After AEIC.

ISCJB 10 07:58:24.1,0.9,51.6N:0.1,174.23W,0.06,h38km, mb3.9/8, Error ellipse: s-maj=20.4km s-min=4.3km az=172.6

IDC 10 07:58:29.4,4.1,51.83N:174.46W,h66km,37km,mb3.4/7, mb1.3/8,mb1mx3.4/28,mbtmp3.7/9,ML3.7/2,MS2.7/1, Ms1.2/7.1,ms1mx2.3/42, Error ellipse: s-maj=42.5km s-min=17.2km az=178.0

ISC 10 07:58:26.0,0.9,51.6N:0.2,174.28W,0.05,h38km,n33, c128/32,mb3.8/8,Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Great Sitkin, KAGALASKA ISLA, etc.

ISCJB 10 08:04:24.0,0.5,13.27N:0.07,89.17W,0.06,h81km,2km, mb4.0/13, Error ellipse: s-maj=14.0km s-min=4.4km az=39.7

IDC 10 08:04:24.7,0.9,13.40N:88.82W,h64km,7km,mb3.7/14, mb1.3/9/15,mb1mx3.8/27,mbtmp3.7/15,MS3.0/3, Ms1.3/0.3,ms1mx2.7/29, Error ellipse: s-maj=28.8km s-min=16.9km az=60.0

CASC 10 08:04:25.5,1.4,13.15N:89.23W,h45km,12km,MD4.4, ML4.5

ISC 10 08:04:25.1,0.8,13.32N:0.08,89.16W,0.06,h71km,5km, n50,c117/55,mb4.0/13,C-10D,EI Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Las Flores, LFRS EI Faro, etc.

Table with columns: BOQS, LFU, LBRS, SBL, SNE, SRT, YSM, BLLM, RBDL, CAHU, CNCH, NNG, FUG, APG, JOP, JAT, JTS, JTS, JCR, GCAZ, QCR, URSC, URSC, BUS, TEIG, TXAR, TXAR, TKL, ATAH, ANMO, SADO, PDAR, PDAR, NVAR, NVAR, NVAR, SIV, SCHO, SCHO, H03N2, H03N1, H03N3, YKA, RES, INK, ILAR, ARCES, WORD, WRA, WRA, ASAR, FITZ, FITZ, CMAR. Lists various seismic stations and their details.

IDC 10 08:16:48.8,5.0,17.14S:178.58E,h590km,65km,mb3.1/8, mb1.3/4,mb1mx3.2/20,mbtmp3.1/9, Error ellipse: s-maj=82.1km s-min=24.7km az=155.0, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Mont Dzumac, Stephens Creek, etc.

IDC 10 08:30:34.2,1.9,4.90N:124.31E,h0km,mb3.8/3, mb1.4/0.3,mb1mx3.7/23,mbtmp3.8/3, Error ellipse: s-maj=197.4km s-min=23.7km az=64.0, Celebes Sea

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

JMA 10 08:34:36.9,0.2,44.01N:148.20E,h0km,M3.8,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Nemuro 2, Rausu, etc.

mb1.3/8,mb1mx3.6/24,mbtmp3.6/6, Error ellipse: s-maj=57.4km s-min=19.6km az=67.0

ISCJB 10 08:45:28.1,0.5,24.20N:0.02,122.13E:0.02,h2km,4km, mb3.6/6, Error ellipse: s-maj=3.5km s-min=2.9km az=177.0

TAP 10 08:45:29.1,24.26N:122.05E,h9km,ML3.9,C JMA 10 08:45:29.0,0.2,24.45N:122.00E,h30km,M3.6

ISC 10 08:45:28.3,1.2,24.21N:0.02,122.10E:0.02,h8km,9km, n60,c196/82,mb3.7/6,8C-13B, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Heping Village, Nanau, etc.

NIED 10 08:45:00.24,40N:122.00E,h5km,Mw3.9 Best double couple: M8.69000x1014 NP1.4e40.00000,354.00000, 1.132.00000. NP2.2e277.00000,353.00000, 1.48.00000

IDC 10 08:45:26.9,1.0,23.50N:121.14E,h0km,mb3.6/6,

10d 9h

1.4mm,0.9s,baz=349,slow=3.0,SNR=3.1
ILAR Eielson Array 68.81 27 P P 08 56 39.3 +6.6

IDC 10 08:53:06.2.1.6,15:05S:174.85W,h0km,mb3.5/3,
mb1 3.7/4,mb1mx3.5/18,mbtmp3.6/4,ML1.8/1,Error ellipse:
s-maj=89.6km s-min=27.3km az=156.0, Tonga Islands

DJA 10 09:10:03.2.1.0,1'N,6'x9'7E, h51km,9km,M3.7/4,
MLv3.7/4
IDC 10 09:10:05.0.1.6,1'15N:97.02E,h0km,mb3.7/7,mb1 3.7/8,
mb1mx3.6/27,mbtmp3.7/8,ML2.7/1,Error ellipse:
s-maj=45.2km s-min=20.9km az=52.0

ISCJB 10 09:10:06.7.0.9,1'16N:077.96:95E:0'06,h28km,
mb3.7/7,Error ellipse: s-maj=10.7km s-min=7.2km
az=31.6

ISC 10 09:10:08.9.1.2,1'32N:010.9703E:0'08,h28km,n22,
@1520/15,mb3.8/7,Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Gunungsitoli, Sinabang, Aceh, Kotacane, Aceh, Prapat, Mandailing Nat, Diego Garcia H, etc.

IDC 10 09:10:52.1.6.8,6:26S:151.90E,h66km,55km,mb3.7/4,
mb1 3.9/5,mb1mx3.5/18,mbtmp3.7/5,ML2.7/1,Error ellipse:
s-maj=95.7km s-min=37.7km az=131.0,New Britain region

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

BYKL 10 09:14:59.0.0.3,56.34N:117.74E
MOS 10 09:14:58.2.1.7,56.29N:117.67E,h10km,mb4.3/1,
2C-11D,Error ellipse: s-maj=34.8km s-min=25.0km
az=72.5,East of Lake Baykal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Chara, KHNH, KHNH, Yuktali, Tupik, Uakit, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BOD, YOA, KMO, YLYR, IENR, CLNS, TNDR, VITIM, NIZ, NIZH, ALDR, SYVR, ZEA, OGRR, ZRHB, KPC, UUDB, TRG, LSTR, TLY, ZAK, MOY, GTOI, TSM, SDKM, KKM, KKM, LUWI, PCI, NLAI, TTSI, MMSI, BTM, SPSI, BNSI, MTKI, SBUM, SBUM, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSM, TLE, MMRI, LBFI, KHKI, MYKOM, MYKOM, KGM, MDSI, LWLI, FITZ, FITZ, PSI, KCSI, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, MJAR, CTA, NWAO, STKA, STKA, DZM, MKAR, MKAR, MKAR, PETK, KURBB, BVAR, URZ, AKTO, ILAR, BRTR, ARCES, FINES, TORD, PLCA, JTS, etc.

BUI 10 09:22:52.7,28:76S:68:72W,h84km,mb4.8/1
ISCJB 10 09:22:54.9.0.6,29:65S:0:04:69:24W:0'05,h100km,4km,
mb4.3/29,Error ellipse: s-maj=8.2km s-min=5.5km
az=146.7

NEIC 10 09:22:56.5.0.6,29:66S:69:22W,h103km,5km,mb4.3/15,
MD4.4(SJA),Error ellipse: s-maj=8.7km s-min=5.8km
az=71.0

NEIC Fall (IJI) in the epicentral area.
IDC 10 09:22:58.2.0.5,29:74S:69:30W,h119km,4km,mb4.1/15,
mb1 4.1/18,mb1mx4.0/22,mbtmp4.0/18,Error ellipse:
s-maj=16.7km s-min=7.2km az=71.0

ISC 10 09:22:58.1.0.5,29:67S:0:05:69:15W:0'07,h120km,4km,
n326.0S80/357,mb4.3/29,109c-136D,Chile-Argentina
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCO, CFAA, CFAA, CFAA, LVC, LVC, TRQA, CPUP, CPUP, PLCA, PLCA, SIV, SIV, BDFB, BDFB, USHA, USHA, USHA, JTS, JTS, VNA2, VNA2, SNA, SNA, SNA, SNA, SNA, GSPA, GSPA, GSPA, 732A, 632A, 631A, 532A, JCT, JCT, 531A, 432A, 530A, etc.

Table with columns: ID, Name, Frequency, SNR, and other details. Rows include WHTX Lake Whitney, 628A Black Gap, 431A Sonora, etc.

Table with columns: ID, Name, Frequency, SNR, and other details. Rows include W27A Bowe Ranch, 121A Cookes Peak, Y24A Capitan, etc.

Table with columns: ID, Name, Frequency, SNR, and other details. Rows include BC3 Big Chuckkwall, PV01 Paradox Valley, IRM Iron Mountain, etc.

10d 9h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like D23A Lindsay, D22A Cohagen, E20A Meyer Farm, etc.

IDC 10 09:23:30.1-0.5, 2.96N, 127.52E, h0km, mb4.5/18, mb1.4/5/18, mb1mx4.5/26, mbtmp4.5/18, MS3.2/2, Ms1.3/2.2, ms1mx2.7/35, Error ellipse: s-maj=2.68km s-min=11.0km az=85.0

BUI 10 09:23:38.6, 0.6, 2.95N, 127.63E, h0km, mb4.9/12, mb4.7/18, Ms4.8/5, Ms7.4/6/5

ISCJB 10 09:23:38.6, 0.6, 2.95N, 127.63E, h0km, mb4.5/35, Error ellipse: s-maj=6.9km s-min=4.4km az=152.8

AUST 10 09:23:40.7, 0.0, 3.03N, 127.62E, h98km, Error ellipse: s-maj=1.0km s-min=0.9km az=8.0

NEIC 10 09:23:41.7, 2.4, 2.85N, 127.54E, h91km, mb4.5/9, Error ellipse: s-maj=20.5km s-min=7.0km az=71.0

DJA 10 09:23:41.1, 0.6, 3.15N, 127.8E, h85km, mb4.9/4, mb4.9/1, mb4.9/4, Mw(mb)4.2/1

ISC 10 09:23:40.9, 0.6, 2.92N, 127.58E, h0km, mb4.6/34, 1C-1D, Northern Molucca Sea n132, s1962/141, mb4.6/34, 1C-1D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like TNTI Ternate, SGSI Sangihe, GSPH General Santos, etc.

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Main table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MTNI Mataram, KSM Kakadu, KSM Kuching, etc.

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Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, ASAJ Asahikawa, etc.

TRN 10 09:45:13.2, 15.16N, 60.95W, h149km, MD3.5, M3.0 (FDF), 3C-3D, Leeward Islands

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like DBCT Belle View Cho, DSHT Scott's Head, DPMT Pointe Michel, etc.

IDC 10 09:47:38.0, 0.0, 1.0, 0.87S, 100.02E, h0km, mb4.3/10, mb1.4/5/10, mb1mx4.2/22, mbtmp4.3/10, MS3.5/6, Ms1.3/5/6, ms1mx3.0/38, Error ellipse: s-maj=47.7km s-min=15.7km az=51.0

ISCJB 10 09:47:39.3, 0.0, 1.45S, 0.04E, 99.25E/0.4, h30km, mb4.4/17, MS3.5/6, Error ellipse: s-maj=7.3km s-min=2.6km az=40.0

DJA 10 09:47:40.7, 1.1, 1.1, 3.3, 9.9E, h22km, mb4.5/13, mb4.5/6, mb5.0/5, MLv4.7/13, Mw(mb)4.3/5

NEIC 10 09:47:45.7, 2.3, 0.80S, 100.13E, h57km, 18km, mb4.4/6, Error ellipse: s-maj=30.4km s-min=10.7km az=49.0

AUST 10 09:47:48.7, 0.0, 0.26S, 101.19E, h63km, Error ellipse: s-maj=2.2km s-min=0.9km az=245.0

ISC 10 09:47:41.4, 0.6, 1.40S, 0.06E, 99.28E/0.07, h30km, n72, s1902/60, mb4.4/17, MS3.5/6, Southern Sumatara

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PDSI Padang, PPI Padang Panjang, SPSI Padang Panjang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPBI Pangkal Pinang, H0S2 Diego Garcia, H0S3 Diego Garcia, etc.

NNC 10 10:00:50.75, 1.38, 93N, 73.37E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=40.6km s-min=24.0km az=172.0

ICD 10 10:00:50.0, 0.6, 3, 38.57N, 73.38E, h89km, 108km, mb3.5/4, mb1 3.6/5, mb1mx3.6/2.7, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=29.3km s-min=14.4km az=101.0

ISC 10 10:00:51.8, 1.8, 87N, 71.74E, 0.1, h107km, n15, -0.83/17, mb3.8/4, 4C-1D, Tajikistan-Xinjiang border region

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

ICD 10 10:14:22.3, 1.7, 17.79S x 172.78W, h0km, mb4.0/4, mb1 4.3/5, mb1mx4.0/2.0, mbtmp4.0/5, ML2.1/1, MS4.4/4, MS1 4.4/4, ms1mx3.0/3.9, Error ellipse: s-maj=82.5km s-min=23.4km az=144.0

ISCJB 10 10:14:25.1, 1.3, 17.65S, 0.2, 173.0W, 0.3, h28km, mb4.1/4, MS4.5/4, Error ellipse: s-maj=39.9km s-min=11.2km az=30.1

ISC 10 10:14:26.4, 1.6, 17.75S, 0.2, 172.9W, 0.3, h28km, n10, -0.65/9.7, mb4.1/4, MS4.6/4, Tonga Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, DLBC Dease Lake, PDAR Pinedale Array, etc.

ICD 10 10:16:35.9, 3.5, 20.22N, 145.20E, h139km, 30km, mb3.4/11, mb1 3.6/12, mb1mx3.6/12, mbtmp3.4/12, Error ellipse: s-maj=28.7km s-min=15.5km az=98.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CCJ Chichijima, KRSR Korea Array, WRA Warramunga Arr, etc.

NIED 10 10:21:00, 36.30N, 141.80E, h26km, Mw3.9 Best double couple: Mb: 7.50000, 1014 NP1: 20.00000, 866.00000, 1.88.00000, NP2: 203.00000, 824.00000, 7.93.00000

ISCJB 10 10:21:00, 0.0, 0.6, 36.26N, 0.04, 141.99E, 0.05, h19km, mb3.8/12, MS4.1/2, Error ellipse: s-maj=6.8km s-min=5.3km az=43.8

JMA 10 10:21:42.0, 0.2, 36.26N, 141.79E, h65km, 4km, M3.8 ICD 10 10:21:42.0, 0.1, 36.13N, 141.82E, h35km, 6km, mb3.6/10, Mb1 3.8/13, mb1mx3.6/2.8, mbtmp3.8/13, ML4.2/2, MS3.6/3, Ms1 3.6/3, ms1mx2.9/5.4, Error ellipse: s-maj=21.0km s-min=20.1km az=58.0

ISC 10 10:21:42.8, 0.7, 36.31N, 0.05, 141.75E, 0.06, h19km, n36, -0.185/34, mb4.0/12, Near east coast of eastern Honshu

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

NNC 10 10:00:50.75, 1.38, 93N, 73.37E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=40.6km s-min=24.0km az=172.0

ICD 10 10:00:50.0, 0.6, 3, 38.57N, 73.38E, h89km, 108km, mb3.5/4, mb1 3.6/5, mb1mx3.6/2.7, mbtmp3.5/5, ML3.5/1, Error ellipse: s-maj=29.3km s-min=14.4km az=101.0

ISC 10 10:00:51.8, 1.8, 87N, 71.74E, 0.1, h107km, n15, -0.83/17, mb3.8/4, 4C-1D, Tajikistan-Xinjiang border region

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

NIED 10 10:24:00, 36.30N, 141.80E, h26km, Mw3.9 Best double couple: Mb: 7.50000, 1014 NP1: 11.00000, 868.00000, 1.85.00000, NP2: 203.00000, 823.00000, 7.92.00000

ISCJB 10 10:24:52.0, 0.7, 36.21N, 0.05, 142.07E, 0.07, h23km, mb3.8/7, Error ellipse: s-maj=7.9km s-min=6.7km az=50.5

JMA 10 10:24:57.0, 0.2, 36.26N, 141.78E, h55km, 5km, M3.8 ICD 10 10:24:58.4, 1.5, 36.23N, 142.04E, 0.06, h23km, n26, -0.25/21, mb3.9/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, DLBC Dease Lake, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHJOJ Chosi, CHJOJ Hitachi, ONAJ Iwakimizuishu, etc.

ICD 10 10:26:01.7, 2.7, 9.3N, 127.96E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/2.1, mbtmp3.6/3, Error ellipse: s-maj=142.2km s-min=118.9km az=81.0, Northern Molucca Sea

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

NIED 10 10:30:10, 36.30N, 141.80E, h26km, Mw4.2 Best double couple: Mb: 1.99000, 1015 NP1: 27.00000, 822.00000, 1.74.00000, NP2: 190.00000, 822.00000, 7.4.00000

ISCJB 10 10:31:45.9, 1.2, 36.23N, 0.04, 141.90E, 0.06, h29km, 8km, mb4.2/31, MS3.7/7, Error ellipse: s-maj=7.7km s-min=6.8km az=168.9

MOS 10 10:31:46.4, 0.8, 36.23N, 141.90E, h33km, mb4.6/10, Error ellipse: s-maj=12.2km s-min=7.8km az=125.0

JMA 10 10:31:46.7, 0.2, 36.26N, 141.80E, h66km, 5km, M4.1 JMA Full IJT

NEIC 10 10:31:49.0, 0.5, 36.14N, 141.77E, mb4.8/4, MW4.1 (NIED), Error ellipse: s-maj=9.0km s-min=9.4km az=152.0

NEIC Recorded (1 JMA) in Ibaraki, ICD 10 10:31:49.2, 0.8, 36.13N, 141.70E, h36km, 5km, mb3.8/17, mb1 4.0/20, mb1mx3.9/3.0, mbtmp4.0/20, ML3.7/3, MS3.5/10, Ms1 3.6/10, ms1mx3.3/4.4, Error ellipse: s-maj=17.6km s-min=13.5km az=69.0

ISC 10 10:31:49.2, 0.6, 36.26N, 0.05, 141.86E, 0.06, h35km, 2km, h35km, p-P, n96, -1.92/19.15, mb4.3/31, MS3.7/7, SC-D, Near east coast of eastern Honshu

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

ICD 10 10:14:22.3, 1.7, 17.79S x 172.78W, h0km, mb4.0/4, mb1 4.3/5, mb1mx4.0/2.0, mbtmp4.0/5, ML2.1/1, MS4.4/4, MS1 4.4/4, ms1mx3.0/3.9, Error ellipse: s-maj=82.5km s-min=23.4km az=144.0

ISCJB 10 10:14:25.1, 1.3, 17.65S, 0.2, 173.0W, 0.3, h28km, mb4.1/4, MS4.5/4, Error ellipse: s-maj=39.9km s-min=11.2km az=30.1

ISC 10 10:14:26.4, 1.6, 17.75S, 0.2, 172.9W, 0.3, h28km, n10, -0.65/9.7, mb4.1/4, MS4.6/4, Tonga Islands region

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

10d 10h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ENH, H11S1, H11S2, ZAK, TLY, etc.

2009 NOV

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BMKR, EKM, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like 229A, LPIG, 131A, etc.

SKHL 10:10:52.49±0.7, 56.16Kx132.09E, h10km, mb3.7/3, 1D, Southern Siberia



Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like Mallet, Tequesquite Ra, IRIS PASCAL I, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like Brinkman Farms, Beach Ranch, San Ignacio, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ISC 10 11:08:26.2, DZM, NOUC, etc.

ellipse: s-maj=22.2km s-min=14.0km az=21.0
IDC 10 11:13:24.8,1.3,54:38N:168:93E,h0km,mb3.3/5,
mb1 3.8/7,mb1mx3.6/27,mbtmp3.5/7,ML3.9/2,Error
ellipse: s-maj=30.8km s-min=13.6km az=34.0
ISCJB 10 11:13:26.3,0.5,54:11N:0:05:168:74E:0:0,4,h25km,
mb3.5/5,Error ellipse: s-maj=7.2km s-min=3.5km az=9.1
KRSC 10 11:13:27.0,7.8,54:13N:168:56E,h15km,15km,ML4.4
ISC 10 11:13:27.5,0.9,54:18N:0:07:168:89E:0:05,h25km,n39,
e154/60,mb3.5/5,Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Bering, Krutoberegovo, Mys Kozlova, Semkarok, etc.

Table with columns: TUVZ, UNWZ, NNZ, Nelson, TCW, TCW, WNZ, Waitaha Valley, South Karori, SNZO, SNZO, Baring Head, BHW, Rata Peaks, DUWZ, D'Urville Isla, PLWZ, Palliser, MSWZ, Moikau Station, CAW, Cannon Point, KIWI, Kapiti Island, KIWI, MTTW, Mount Morrison, OTWZ, Otaki Gorge, HOWZ, Holdsworth Sta, FOWZ, Fox Glacier, MRZ, Mangatainoka R, MRZ, MRFZ, LBZ, Lake Benmore, POWZ, Post Office Ro, ODZ, Otahua Downs, DFE, Dawson Falls, KHEZ, Kahui Hut, MRFZ, North Egmont, TSZ, Takapari Road, JCZ, Jackson Bay, PNHZ, Pukenui, WRZ, Vera Road, VVKZ, Wanaka, EAZ, Earnscleugh, HUZ, Tuapeka, TIZ, Hauri, MLZ, Mavora Lakes, SYZ, Scrubby Hill, TOZ, Tahuroa Road, MKAZ, Moumakai.

IDC 10 11:39:39.7,8.0,17.725x168.93E,h156km,90km,mb3.3/3,
mb1 3.5/4,mb1mx3.3/18,mbtmp3.3/4,MS3.4/1,Ms1 3.4/1,
ms1mx2.7/15,Error ellipse: s-maj=141.6km
s-min=33.5km az=159.0,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Mont Dzumac, Raoul Island, Warramunga Arr, ASAR, Elieison Array, ARCES, MEX 10 11:55:23.1,0.7,17.87N:99.36W,h56km,5km,MD3.8, Guerrero, MEIG, Mezcala, PLIG, Platanillo, TLIG, Tlapa, ARIG, Puente Sto Nin, ARIG, Yauatepec, YAG, MAMV, Malinalco, Edo, MAMV, CAIG, El Cayaco, CAIG, MZVM, MZVM, AMVM, AMECAMECA, AMVM, PPM, Popocatepetl, TOVM, TOLUCA, TOVM, HUajuapán, UTMO, UTMO, Organos, PNI, Pinotepa, PNI, Pinotepa, TPIG, Tehuacan, TPIG, ZIHG, Zihuatajejo, ZIHG, MOIG, Morelia, MOIG.

ISCJB 10 12:03:26.3:0.6,51:47N:0:03:16:09E:0:03,h0km,Error
ellipse: s-maj=4.3km s-min=2.8km az=11.8
IPEC 10 12:03:26.7:0.3,51:58N:16:25E,h0km,ML2.6/3,Error
ellipse: s-maj=3.2km s-min=1.7km az=66.0
CSEM 10 12:03:28.8:0.2,51:53N:16:08E,h2km,ML3.7/11,Error
ellipse: s-maj=4.4km s-min=3.6km az=169.0
IDC 10 12:03:28.1:0.9,51:54N:16:12E,h0km,mb1 3.3/5,
mb1mx3.2/25,mbtmp3.5/5,ML2.9/5,Error ellipse:
s-maj=18.6km s-min=8.1km az=101.0
PRU 10 12:03:28.2,51:50N:16:10E,h0km
VIE 10 12:03:29.8:0.5,51:32N:16:06E,h0km,mb2.7/4,ML3.1/4,
Error ellipse: s-maj=2.9km s-min=2.4km az=179.0 71 km
WNW of Wroclaw Suspected Mining induced.
ISC 10 12:03:26.0:0.8,51:59N:0:04:16:10E:0:02,h0km,n46,
e091/83,2C-30,Poland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like KSP, Ksiaz, PVCC, Panska Ves, PVCC, Panska Ves, BRG, Berggiesshubel, BRG, KRLC, Krailky, KRLC, Krailky, PRA, Prague, PRU, Pruhonice.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PRU, Pruhoonice, COLL, Colim, COLL, Moravsky Berou, MORC, Ostrava-Krasne, OKC, Ostrava-Krasne, OKC, Vranov, VRAC, Vranov, VRAC, Trest, Trest, Trest, Trest, KRUC, Novy Kostel, NKC, Novy Kostel, NKC, Novy Kostel, NKC, OJC, Ojcow, OJC, Ojcow, OJC, KHC, Kasperske Hory, KHC, GERES, GERSHORY Array B, GERES, NIE, Niedzica, NIE, CONA, Conrad Observa, CONA, CONA, Conrad Observa, CONA, MOA, Molin, MOA, MOA, KECS, Kecovo, KECS, Cervenica-Dubn, CRVS, Cervenica-Dubn, KOLS, Kolonicne sedl, KOLS, Kolonicne sedl, DAVOX, Davos/Dischmat, HFS, Hagfors, FINES, FINESS Array B, ARCES, ARCES Array B, MOA.

CSEM 10 12:43:22.0, 12:14N:44:78E, h2km, ML4.5, After DHMR
DHMR 10 12:43:22.0, 12:14N:44:78E, h3km, ML4.5, 1C-2D,
Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like TRBA, At Turbah, TRBA, LBOS, LBOS, BDHA, Al Bayda', BDHA, BDHA, BDHA, UDYN, Al' Udayn, UDYN, UDYN, DHBB, Dhamar BB, HAJJ, Hajjah, HAJJ, HAJJ, HAJJ.

NIED 10 12:57:00.36:30N:141:80E,h26km,Mw3.7,Best double
couple: M3.52000x1014 NP1.3x35.00000\*delta.00000\*,
1.86.00000\*. NP2x225.00000\*,delta.00000\*,1.99.00000\*.
IDC 10 12:57:50.9:1.1,36:17N:141:69E,h0km,mb3.4/5,
mb1 3.6/8,mb1mx3.5/27,mbtmp3.6/8,ML3.7/3,MS2.7/3,
Ms1 2.7/3,ms1mx2.3/23,Error ellipse: s-maj=30.6km
s-min=19.6km az=84.0
JMA 10 12:57:53.5:0.2,36:26N:141:80E,h63km,5km,M3.5
ISC 10 12:57:54.3:0.9,36:20N:141:84E:0:06,h26km,n28,
e151/24,mb3.6/5,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CHOJ, Chosi, CHOJ, Hitachi, ONAJ, Hitakimizuishi, JFK, Boso I, BS01, Boso I, BS03, Boso I, JFT, Otama, JFT, ASHAKA, Ashikaga, JMM, Marumori, JRY, Ryogami san, JRY, ODawara 2, JOD2, Otawara 2, MJAR, Matarushiro, MJAR, Matarushiro, ASAJ, Aсахikawa, ASAJ, Chichijima, JCJ, Chichijima.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WEL 10 11:39:25.2:0.2,42:48S:172:89E,h43km,7km,ML3.9/5,
2C-6D,Error ellipse: s-maj=2.3km s-min=0.9km az=90.0,
South Island
Code Station Name Az Phase ID Op ISC Time Res h m s ISC
LTZ Lake Taylor 0.55 236 Op Pn 11 39 49.0 +0.1
LTX 11 39 45.3 +0.2
THZ Tophouse 0.71 1 PN Pn 11 39 37.6 -1.4
OXZ Oxford 1.05 216 PPN Pn 11 39 43.4 -0.2
BSWZ Blackbirch Sta 1.06 44 PN Pn 11 39 43.8 +0.2
ESWZ AML AML 11 39 59.7
BSWZ AML AML 11 40 03.1
DSZ Denniston Nort 1.09 312 PPN Pn 11 39 43.7 -0.4
eSN 11 39 57.1 -0.9
CR LZ Canterbury Las 1.12 190 PPN Pn 11 39 44.0 -0.4
eSN 11 39 58.5 -0.1
CR LZ Cape Campbell 1.22 54 PPN Pn 11 39 46.5 +0.6
eSN 11 40 15.4
AMZ AML AML 11 40 16.6
MOZ McQueen's Vall 1.24 188 PPN Pn 11 39 45.3 -0.8
MOZ 11 40 01.0 -0.7
TUWZ Tuamarina 1.31 37 PN Pn 11 39 47.0 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like USRK, H11N2, H11N1, H11N3, H11S1, H11S2, TGY, ZALV, MKAR, ILAR, WRA, ASAR.

CSEM 10 13:15:00.3, 12:21N-44:71E, h6km, ML3.7, After DHMR DHMR 10 13:15:00.3-1.1, 12:21N-44:71E, h6km, 1.6km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TRBA, LBOS, UDYU, BDHA, DHBB.

IDC 10 13:22:58.8-1.6, 52.04Sx160.53E, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.9/15, mbtmp3.9/5, ML4.0/1, MS3.8/13, Ms1 3.8/13, ms1mx3.6/26, Error ellipse: s-maj=45.5km, s-min=29.0km az=74.0, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RPZ, URZ, STKA, VVDA, VVND, DZM, ASAR, H01W1, H01W2, H01W3, WRA, HNR, PMG, AFI, MAW, PPT, H03N3, H03N2, H03N1, H08S2, H08S1, H08S3, CMAR, BOSA.

MEX 10 13:50:58.1-0.4, 18:47N-101:25W, h82km, 9km, MD3.5, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ZIG, ARIG, PLIG, CAIG, MMIG.

IDC 10 13:52:16.4-62.0, 16:24S-177:32W, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.6/18, mbtmp3.8/3, Error ellipse: s-maj=1146.0km s-min=174.3km az=77.0, Fiji Islands region

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

IDC 10 13:55:41.7-1.1, 31:35N-77:56E, h0km, mb3.4/6, mb1 3.7/8, mb1mx3.5/30, mbtmp3.5/8, ML3.9/2, Error ellipse: s-maj=33.4km s-min=21.4km az=61.0, ISCJB 10 13:55:42.3-0.6, 31:37N-0:04-77:86E-0.05, h10km, mb3.4/6, Error ellipse: s-maj=6.3km s-min=0.5, 5km az=179.7, NDI 10 13:55:51.6-2.1, 31:09N-76:79E, h10km, ML3.0, ISC 10 13:55:44.9-0.8, 31:36N-0:05-77:72E-0:04, h10km, n18, c186/23, mb3.5/6, Northern India

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SMLA, SMDR, BHK, DHHR, BHGR, LGTI, UGON, SONA, KUDL, KHET, MKAR, KURB, BVAR, CMAR, ZALV, ARCES, TORI, WRA.

ISCJB 10 14:17:45.7-0.6, 24:54N-0:03-122:63E-0:02, h98km, 5km, Error ellipse: s-maj=5.4km s-min=3.3km az=174.1, JMA 10 14:17:45.9-0.2, 24:72N-122:67E, h99km, 2km, M2.5, TAP 10 14:17:45.4, 24:59N-122:58E, h107km, ML3.6, C, ISC 10 14:17:46.5-1.5, 24:25N-0:05-122:63E-0:03, h94km, 11km, n41, c98/774, ID, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like YOJ, EGS, TWC, ENA, ILA, NWF, ENT, IRIF, TWD, TWA, HWA, NNS, NNS, NSK, HATJ, PCYT, TWS1, TEGC, JKRS, WHF, ESL, TSW, TWT, JIJ, NSTT, NSTT, EHY, TWF1, TWF1, TWF1, SMLT, SMLT, TYC, TYC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like TCU, CHKT, CHKT, JTJ, ELDTW, ELDTW, CHNS, CHNS, TWG, TWG, WTP, TWK, TWK, TWK, CHNI, SGST, SGST, ECL, LAY, LAY, EAST.

NIED 10 14:27:00.36-20N, 141:80E, h23km, Mw4.4, Best double couple: Ms5.11000x1015 NP1.8x14.00000, d69.00000, 1.830000, NP2.8x212.00000, d22.00000, 1.10700000, ISCJB 10 14:27:43.0-0.7, 36:25N-0:04-141:36E-0:06, h26km, mb3.6/6, MS3.9/10, Error ellipse: s-maj=7.7km s-min=6.0km az=17.2, IDC 10 14:27:42.2-1.0, 36:10N-141:79E, h0km, mb3.7/6, mb1 3.9/10, mb1mx3.8/28, mbtmp3.8/10, ML3.3/2, MS3.8/14, Ms1 3.8/14, ms1mx3.6/37, Error ellipse: s-maj=24.4km s-min=19.4km az=53.0, JMA 10 14:27:44.0-0.3, 36:25N-141:83E, h67km, M3.5, ISC 10 14:27:45.9-0.9, 36:26N-0:05-141:72E-0:07, h26km, n44, c1532/29, mb3.7/6, MS4.0/10, Near east coast of Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CHQJ, CHQJ, JHO, ONAJ, ONAJ, JFK, JFT, BSO3, JMM, JAG, JRV, JOD2, JNS, JYN, JMK, MJAR, MJAR, MAT, MAT, ASAJ, ASAJ, JCJ, JCJ, JCJ, JNU, NAKUTS, USRK, USRK, KRSR, KRSR, PETK, H11N2, H11N3, H11S1, H11S3, H11S2, SONM, CMAR, ZALV, ZALV, MKAR, ILAR, WRA, ASAR, ARCES, FINES, KBZ, NOA, AKASG, GERES, H06S1, H06S1, H03N3, H03N1, LPAZ.

JMA 10 15:13:23.9-0.5, 32:60N-138:30E, h379km, M3.0, IDC 10 15:13:28.0-0.6, 32:59N-137:43E, h258km, 113km, mb2.5/3, mb1 2.7/4, mb1mx2.6/25, mbtmp2.5/4, Error ellipse: s-maj=179.7km s-min=26.7km az=62.0, ISCJB 10 15:13:30.4-0.8, 33:09N-0:08-138:2E-0.2, h341km, mb2.4/3, Error ellipse: s-maj=21.0km s-min=10.3km az=15.3, ISC 10 15:13:31.8-1.2, 33:2N-0:1-138:1E-0:1, h341km, n14, c1512/16, mb2.5/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CHQJ, CHQJ, JHO, ONAJ, ONAJ, JFK, JFT, BSO3, JMM, JAG, JRV, JOD2, JNS, JYN, JMK, MJAR, MJAR, MAT, MAT, ASAJ, ASAJ, JCJ, JCJ, JCJ, JNU, NAKUTS, USRK, USRK, KRSR, KRSR, PETK, H11N2, H11N3, H11S1, H11S3, H11S2, SONM, CMAR, ZALV, ZALV, MKAR, ILAR, WRA, ASAR, ARCES, FINES, KBZ, NOA, AKASG, GERES, H06S1, H06S1, H03N3, H03N1, LPAZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TONANKAI O.B.S., HAMAKITA, HAMAMATSU 2, etc.

ISC/JB 10 15:19:26.9±0.14, 36N, 079.0±0.08, h195km, 3km, mb4.1/9, Error ellipse: s-maj=15.4km s-min=7.7km az=141.1

ISC 10 15:19:26.5±0.6, 44.45N, 90.17W, h176km, 3km, mb3.8/7, m1 3.9/10, mb1mx3.6/26, mbtmp3.7/10, Error ellipse: s-maj=21.9km s-min=12.2km az=64.0

NEIC 10 15:19:27.0±0.14, 39N, 90.27W, h192km, 8km, mb4.5/6, Error ellipse: s-maj=19.0km s-min=9.4km az=57.0

CASC 10 15:19:27.4±0.14, 29N, 90.32W, h187km, 6km, MD3.5

ISC 10 15:19:27.1±0.7, 14.35N, 070.90±0.07, h190km, 5km, n51, c136/61, mb4.3/9.5C, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NAG, NBG, PCG, APG, etc.

MAN 10 16:08:46, 19.76N, 119.81E, h12km, mb4.8, ML3.7, MS3.7, ID, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PASQUIN, DOLORES, CONNER, CAUYAN.

ISC 10 16:17:37.9±1.6, 2.08N, 127.77E, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.8/21, mbtmp4.1/5, Error ellipse: s-maj=91.4km s-min=20.9km az=68.0, Northern Molucca Sea

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

AUST 10 16:22:11.8±2.8, 6.40S, 154.04E, h22km, Error ellipse: s-maj=1.5km s-min=0.9km az=232.0

mb4.7/43, MS3.6/10, Error ellipse: s-maj=7.9km s-min=5.9km az=11.6

DJA 10 16:22:14.2±0.7, 7.7±15.4E±1.1, h10km, M5.0/14, mB5.8/2, mb5.0/14, MLv5.0/1, Mw(mB)5.4/2

BUI 10 16:22:17.6±6.5, 56S, 153.71E, h58km, mB5.1/12, mb4.7/29, Ms4.9/3, Ms7.4/5/3

NEIC 10 16:22:19.7±1.8, 6.64S, 153.42E, h56km, 16km, mb4.6/10, Error ellipse: s-maj=10.5km s-min=8.9km az=61.0

ISC 10 16:22:16.5±0.5, 6.57S, 0.06±153.56E±0.07, h29km, n115, c1918/112, mb4.6/43, MS3.5/10, New Britain region

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

MAN 10 16:25:08.3±1.3, 4.5S, 0.2±152.2E±0.1, h58km, mb4.2/6, Error ellipse: s-maj=24.2km s-min=15.4km az=145.8

ISC 10 16:25:19.3±4.8, 4.93S, 152.11E, h134km, 38km, mb3.9/6, mb1 4.1/7, mb1mx3.6/20, mbtmp3.9/7, Error ellipse: s-maj=33.6km s-min=22.1km az=26.0

ISC 10 16:25:11.2±1.2, 4.75S, 0.2±152.3E±0.1, h58km, n9, c2869/11, mb4.1/5, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG, PORT MORESBY, DZM, etc.

ISC 10 16:34:12.0±4.1, 14.92S, 166.91E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/20, mbtmp3.9/5, ML3.4/1, Error ellipse: s-maj=80.1km s-min=41.6km az=79.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HHC, HU-HO-HAO-TE, HHC, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM, WRA, ASAR, FITZ, CMAR.

BYKL 10 16:38:25.0/4.56/30N/117.73E, MOS 10 16:36:24.7/2.55/23N/117.87E, Error ellipse: s-maj=20.2km s-min=12.9km az=73.1, East of Lake Baykal

Main table of station data for 2009 NOV, columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CRS, SVKR, UKT, BOD, YOA, KMO, IENR, CLNS, YLYR, VTMR, NIZ, ALDR, CIT, SYVR, KROS.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KROS, ZEA, MXMB, OGRR, KPC, KXPC, KXKB.

10 17:24:13.3/1.0/8.53/107E, h9km, 7km, M3.6/6, ML3.6/6, Jawa

Main table of station data for 2009 NOV (continued), columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CEN1, ANCH, SPCH, PB10, PB04, MACH, PB09, LPAZ, SIV, TORD, ZALV, MKAR, GUC 10 17:05:20.6/0.4/21.36S/68.63W, h134km, 3km, ML3.6, 3C-2D, Chile-Bolivia border region, PB09, PB04, MACH, PSQC, MNMC, CEN1, PB10, ANCH, DJA 10 17:24:13.3/1.0/8.53/107E, h9km, 7km, M3.6/6, ML3.6/6, Jawa, CISI, SKUJ, LEM, CLJI, KPJI, TGJI, BJJI, STKA.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA, ASAR, FITZ, IDC 10 17:51:46.2/0.8/21.64S/174.15W, h0km, mb4.2/7, mb1 4.4/7, mb1mx4.1/18, mbtmp4.2/7, MS3.5/2, Ms1 3.5/2, ms1mx2.9/32, Error ellipse: s-maj=31.3km s-min=22.6km az=133.0, NEIC 10 17:51:47.0/0.5/21.62S/174.17W, h10km, mb4.6/3, Error ellipse: s-maj=16.5km s-min=13.7km az=133.0, ISC 10 17:51:49.5/0.5/21.43S/0.08/173.66W/0.09, h38km, n41, e213/34, mb4.4/10, Tonga Islands

Main table of station data for 2009 NOV (continued), columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFI, MSVF, RAR, RAR, RAR, TBI, PPT2, RKT, STKA, STKA, ASAR, ASAR, ASAR, WRAB, WRA, WRA, WRA, VNSA, VNSA, VNSA, MBWA, CASY, GSPA, PETK, PETK, NVAR, NVAR, MAW, MAW, BVA, BVA, ARCES, ARCES, AKASG, AKASG, CLL, BRTR, BRTR, GERES, GERES, TORD, TORD, IDC 10 17:52:56.5/47.0, 16:16S/177.32W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/18, mbtmp4.3/3, Error ellipse: s-maj=878.8km s-min=149.6km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA, WRA, ASAR, IDC 10 17:58:39.1/9.6, 12:05N/120.90E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/24, mbtmp3.8/4, Error ellipse: s-maj=367.1km s-min=28.2km az=95.0, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MJAR, WRA, ASAR, STKA, IDC 10 18:13:32.8/14.0, 6:34S/129.00E, h262km, 118km, mb3.2/1, mb1 3.2/3, mb1mx3.0/17, mbtmp3.0/3, Error ellipse: s-maj=114.4km s-min=99.2km az=56.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA, WRA, ASAR, STKA, IDC 10 18:13:32.8/14.0, 6:34S/129.00E, h262km, 118km, mb3.2/1, mb1 3.2/3, mb1mx3.0/17, mbtmp3.0/3, Error ellipse: s-maj=114.4km s-min=99.2km az=56.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA, WRA, ASAR, STKA, ISCJB 10 18:27:15.0/1.0, 78:46N/0.07/22:1E/0.3, h10km, mb3.3/1, Error ellipse: s-maj=13.3km s-min=4.9km az=43.3, CSEM 10 18:27:15.0/0.7, 78:61N/22:04E, h8km, ML3.5, Error ellipse: s-maj=17.9km s-min=14.5km az=39.0, BER 10 18:27:15.2/6.7, 78:56N/22:41E, h10km, MD2.7, ML3.4, ML3.5(NAO), IDC 10 18:27:17.9/1.5, 78:39N/22:19E, h0km, mb3.5/1, mb1 3.8/5, mb1mx3.5/26, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=16.6km s-min=8.0km az=23.0, NAO 10 18:27:17.2/2.2, 78:52N/22:33E, h15km, 17km, ML3.5, ISC 10 18:27:17.0/1.2, 78:52N/0.08/22:43E/0.08, h10km, n33, e1970/41, Svalbard region, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SPA0, SPA0, SPA0, SPA0, SPA0.

10d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPITS, HOPEN, KINGSBAY, ARAO, etc.

IDC 10 18:28:21.6:0.7,59:63S:26:34W,h0km,mb4.2/9, mb1 4.4/10,mb1mx4.2/18,mbtmp4.2/10,ML4.4/1,MS3.4/1, Ms1 3.4/1,ms1mx2.8/25,Error ellipse: s-maj=30.1km s-min=17.5km az=63.0

ISCJB 10 18:28:27.0:0.5,59:77S:0:09-26:4W:0:2,h61km, mb4.2/11,Error ellipse: s-maj=17.7km s-min=8.6km az=140.4

NEIC 10 18:28:27.6:2.9,59:59S:26:08W,h49km,mb4.5/5, Error ellipse: s-maj=20.7km s-min=11.0km az=224.0

ISC 10 18:28:29.2:0.6,59:75S:0:1-26:3W:0:1,h61km,n45, o1811/36,mb4.2/11, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1, GSPA, TRQA, etc.

ILAR Eielson Array 152.78 306 PKPbc PKPbc 18 48 17.1 -0.4 0.7nm,0.4s,baz=148,slow=2.3,SNR=15

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H01W1, H01W2, H01W3, etc.

IDC 10 18:57:40.0:1.1,24:19N:123:08E,h0km,mb3.8/6, mb1 3.8/7,mb1mx3.6/25,mbtmp3.8/7,ML3.1/1,MS3.4/2, Ms1 3.4/2,ms1mx2.7/47,Error ellipse: s-maj=72.8km s-min=18.5km az=67.0

ISCJB 10 18:57:45.0:0.3,23:79N:0:02-122:53E:0:02,h37km,7km, mb3.7/6,MS3.4/2,Error ellipse: s-maj=3.1km s-min=2.4km az=150.2

TAP 10 18:57:45.1:23:86N:122:47E,h23km,ML4.1,C JMA 10 18:57:46.0:0.3,23:88N:122:57E,h21km,MS3.4

ISC 10 18:57:43.5:1.7,23:78N:0:02-122:49E:0:02,h17km,12km, n75,o080/134,mb3.7/6,3C-18D,Taiwan region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAP1, TAP, TAP2, etc.

FINES FINES Array B 72.39 330 P P 19 09 07.2 -1.3
1.5nm, 0.9s, baz=35, slow=7, SNR=4.7
INK Inuvik 73.15 22 LR LR 19 46 27.2
comp=2.34nm, 20.7s, baz=308, slow=40

IDC 19:00:09.1+1.7, 0.33N, 99.45E, h0km, mb3.7/4, mb1 3.7/6,
mb1mx3.5/24, mbtmp3.6/6, ML3.6/2, Error ellipse:
s-maj=63.6km s-min=24.3km az=61.0,
DJA 19:00:13.5+0.3, 1.1N, 3.3+10.0E, h10km, M3.9/10,
ML3.9/10
ISCJB 19:00:14.9+0.6, 0.67N, 0.05:99.85E, 0.06, h33km,
mb3.8/4, Error ellipse: s-maj=9.9km s-min=4.8km
az=141.8
ISC 19:00:15.9+0.8, 0.64N, 0.05:99.85E, 0.06, h35km, n21,
r120/24, mb3.8/4, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include PPI Padang Panjang, BKNi Bangkinang, SDSI Sungai Dareh, etc.

IDC 19:20:12.4+1.6, 1.346S, 166.58E, h0km, mb3.8/7,
mb1 4.1/8, mb1mx3.9/20, mbtmp3.9/8, ML4.7.1, MS3.2/2,
Ms1 3.2/2, ms1mx2.8/25, Error ellipse: s-maj=51.3km
s-min=25.0km az=137.0,
ISCJB 19:20:17.5+1.2, 1.34S, 0.1:166.3E, 0.2, h39km, mb3.7/7,
MS3.2/1, Error ellipse: s-maj=24.9km s-min=15.5km
az=163.7,
ISC 19:20:19.1+1.2, 1.33S, 0.1:166.4E, 0.2, h39km, n10,
r0581/10, mb3.7/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include HNR Honiara, DZM Mont Dzumac, STKA Stephens Creek, etc.

ISCJB 19:26:18.1+0.3, 42.48N, 0.02:13.35E, 0.03, h13km, 2km,
Error ellipse: s-maj=3.8km s-min=2.6km az=152.9
VIE 19:26:18.9+0.3, 42.48N, 13.32E, h10km, mb2.6/5, ML2.6/5,
Error ellipse: s-maj=6.9km s-min=2.1km az=72.0,
CSEM 19:26:18.6+0.1, 42.48N, 13.34E, h8km, ML3.6/9, Error
ellipse: s-maj=2.7km s-min=1.8km az=76.0,
ROM 19:26:18.4+0.1, 42.49N, 13.38E, h11km, M3.0/3, Error
ellipse: s-maj=0.7km s-min=0.2km az=46.0,
PRU 19:26:19.7+0.2, 49.9N, 13.52E, h0km,
ISC 19:26:18.8+0.8, 42.48N, 0.02:13.35E, 0.02, h12km, 4km,
n77, r0588/116, AC-1D, Central Italy

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include CAMP Campotosto, AQU L'Aquila, TERO Teramo, etc.

TRTR Tortoreto Alta 0.53 52 Pg Pg 19 26 29.7 +0.6
2um, 0.3s
CESX Cesi 0.58 283 Pg Pg 19 26 29.7 -0.5
CESX 713nm, 0.3s Sg Sg 19 26 37.6 -0.4

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include FDMO Fiordimonte, CERT Cerreto, CESI Cesi, etc.

IDC 19:38:47.7+3.9, 28.53S, 177.70W, h0km, mb3.6/2,
mb1 3.9/2, mb1mx3.6/16, mbtmp3.6/2, Error ellipse:
s-maj=77.2km s-min=20.8km az=81.0, Kermaec
Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

NNC 19:49:15.4+5.5, 54.20N, 86.49E, h0km, mb3.6, mpv3.2,
6C-5D, Error ellipse: s-maj=41.4km s-min=35.6km
az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include KURK Kurchatov, ASAR Alice Springs, WRA Warramunga Arr, etc.

BVAO 0.8nm, 0.6s fSn Sn 19 53 30.3 +6.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include NNC 19:53:44.1+5.5, 36.89N, 71.10E, etc.

SKHL 19:53:49.0+0.4, 48.10N, 149.30E, h427km, 15km, mb4.7/2,
msha4.9/2
MOS 19:53:52.3+1.3, 48.38N, 149.21E, h379km, mb3.9/4, Error
ellipse: s-maj=20.5km s-min=11.0km az=69.9
IDC 19:53:54.0+1.4, 48.37N, 149.25E, h381km, 16km,
mb3.0/11, mb1 3.3/15, mb1mx3.2/25, mbtmp3.1/15, Error
ellipse: s-maj=17.0km s-min=11.9km az=137.0,
ISC 19:53:53.1+0.7, 47.99N, 0.07:149.45E, 0.08, h400km, n54,
r180/57, mb3.4/14, 2C-1D, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Rows include KUR Kuril'sk, YSS Yuzh-Sakhalins, JRA Rausu, etc.





Table of station data for call letters CHTO through LSA, including frequency, power, and coordinates.

Table of station data for call letters LSA through KKAR, including frequency, power, and coordinates.

Table of station data for call letters KKAR through PRU, including frequency, power, and coordinates.

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

IDC 10 23:05:06.7.2.6, 12.50Sx165.33E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.8/17, mbtmp3.8/5, Error ellipse: s-maj=105.8km s-min=30.1km az=132.0, Santa Cruz Islands

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

DHMR 10 23:08:29.1.0.7, 12.37N.45.84E, h28km, 999km, ML3.7, 3C, Western Gulf of Aden

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

IDC 10 23:09:40.1.1.6, 14.86Sx172.29W, h0km, mb3.8/5, mb1 4.2/5, mb1mx3.9/18, mbtmp3.8/5, MS3.7/2, Ms1 3.7/2, ms1mx3.1/25, Error ellipse: s-maj=74.5km s-min=17.1km az=119.0

FITZroy Crossi 10 23:09:43.3.1.3, 14.9S.0.3x172.4W.0.3, h35km, mb3.8/5, MS3.8/2, Error ellipse: s-maj=55.4km s-min=10.4km az=39.2

ISC 10 23:09:45.2.1.7, 14.9S.0.3x172.3W.0.4, h35km, n16, s109/9, mb3.8/5, Samoa Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, etc.

NEIC 10 23:18:09.1, 19.69N.64.22W, h65km, MD3.5(RSPR), After RSPR

RSPR 10 23:18:09.1, 19.69N.64.22W, h65km, 12km, MD3.5/4, ISC 10 23:18:07.9.3.7, 19.7N.02.642W.0.2, h34km, n18, s0528/24, 12C-6D, Virgin Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ABV Anegada, STVI Saint Thomas, MTP Monte Pirata, etc.

ISC/JB 10 23:30:50.9.0.7, 1.63S.0.09.99.35E.0.09, h30km, mb3.8/10, MS3.3/1, Error ellipse: s-maj=6.5km az=16.3km s-min=6.5km az=16.3km

IDC 10 23:30:52.3.1.1, 1.70S.99.41E, h28km, 6km, mb3.7/10, mb1 3.8/11, mb1mx3.7/24, mbtmp3.7/11, ML3.3/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/40, Error ellipse: s-maj=54.2km s-min=15.1km az=52.0

DJA 10 23:30:54.5.2.5, 1.5S.11.10.0E.1.10, h25km, 25km, M4.0/5, mb3.9/2, mB4.5/1, MLV4.1/5, Mw(MB)3.6/1

ISC 10 23:30:53.1.0.9, 1.5S.0.1.99.5E.0.1, h30km, n25, s127/19, mb3.9/10, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PPI Padang Panjang, SPSI Sungai Dareh, MASi Maura Aman, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

AUST 10 23:51:49.6.99.0, 10.08S.129.76E, h0km, Error ellipse: s-maj=2.0km s-min=1.2km az=10.0

IDC 10 23:50:56.1.2.3, 6.40S.129.43E, h0km, mb3.3/1, mb1 4.1/4, mb1mx3.7/19, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=96.1km s-min=28.4km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MDN Manton Dam, KADU Kakadu, KNRA Kununurra, etc.

DHMR 10 23:53:27.2.0.8, 12.38N.45.82E, h29km, 999km, ML3.6, 3C, Western Gulf of Aden

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

KRSC 11 00:21:23.1.3.8, 53.62N.160.82E, h22km, 21km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NLC Nalytchevo, MKZ Mys Kozlova, SDR Sedlovina, etc.

ISC/JB 11 00:25:27.5.0.3, 6.71N.0.02.10.62E.0.05, h0km, Error ellipse: s-maj=3.3km s-min=2.8km az=166.8

UPP 11 00:25:28.8.0.2, 6.71N.0.02.10.63E, h0km, ML2.4, Mining explosion

CSEM 11 00:25:28.8.0.2, 6.71N.0.02.10.63E, h2km, ML2.4, Error ellipse: s-maj=4.0km s-min=3.5km az=99.0, Mining explosion

NOA 11 00:25:28.8.0.1, 6.71N.0.02.10.74E, ML2.5, IAO 11 00:25:28.8.0.8, 6.71N.0.02.10.97E, h0km, mb1 3.1/4, mb1mx3.0/26, mbtmp3.0/4, ML2.7/4, Error ellipse: s-maj=14.5km s-min=6.4km az=115.0

HEL 11 00:25:29.0.1, 6.71N.0.02.10.66E, h1km, ML2.0, ML2.4 (UPP), Suspected explosion

BER 11 00:25:31.2.3.5, 6.72N.0.02.10.63E, h0km, ML2.1, ML2.5 (NAO), Suspected explosion

ISC 11 00:25:27.8.0.7, 6.71N.0.02.10.64E.0.02, h0km, n65, s111/109, Sweden

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MASU Masugnsby, MASU Masugnsby, SALU Saitoluokta, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SALU Saitoluokta, ERTU Ertisaerv, ERU Ertisaerv, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AAK, KK31, KBK, etc.

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

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

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

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

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





11d 4h

Table of astronomical observations for 11d 4h, listing station names (e.g., SJES, KLV, SRS), coordinates, and observation times.

2009 NOV

Table of astronomical observations for 2009 NOV, listing station names (e.g., SOKA, OBKA, OBKA), coordinates, and observation times.

112

Table of astronomical observations for 112, listing station names (e.g., NB2, NOA, NOA), coordinates, and observation times.

Table with columns: CAW, Cannon Point, 3.63 196 ePN, Pn, 04 21 47.2 -2.3, etc.

JMA 11 04:52:51.8:0.5, 33.16N:141.90E, h0km, M3.5, Off east coast of Honshu

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

IDC 11 04:53:46.7:1.0, 33.04N:141.64E, h0km, mb4.0/7, mb1.4/1.9, mb1mx3.9/25, mbtmp4.0/9, ML2.2/2, Error ellipse: s-maj=37.6km s-min=16.8km az=81.0

JMA 11 04:53:48.0:0.3, 33.13N:141.92E, h78km, M3.5, ISCJB 11 04:53:49.4:0.7, 33.12N:0.04:141.89E:0.0, 0.0h, h40km, mb3.9/7, Error ellipse: s-maj=10.9km s-min=4.8km az=115.5

ISC 11 04:53:51.2:1.0, 33.31N:141.90E:0.1, h40km, n26, s=119.31, mb4.0/7, Off east coast of Honshu

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

IDC 11 05:09:54.5:0.7, 10.28N:93.73E, h0km, mb4.0/12, mb1.4/1.13, mb1mx3.9/28, mbtmp3.9/13, ML3.2/1, MS3.4/15, Ms1.3.4/15, ms1mx3.2/37, Error ellipse: s-maj=39.2km s-min=14.6km az=56.0

ISCJB 11 05:09:55.8:0.5, 10.26N:0.06:93.89E:0.09, h19km, mb4.1/17, MS3.2/14, Error ellipse: s-maj=14.0km s-min=7.2km az=150.9

NEIC 11 05:09:59.7:0.4, 10.28N:93.80E, h35km, mb4.5/5, Error ellipse: s-maj=11.4km s-min=6.7km az=65.0

ISC 11 05:09:58.0:0.6, 10.27N:0.09:93.8E:0.1, h19km, n59, s=193.50, mb4.2/17, MS3.3/14, Andaman Islands region

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

IDC 11 05:09:54.5:0.7, 10.28N:93.73E, h0km, mb4.0/12, mb1.4/1.13, mb1mx3.9/28, mbtmp3.9/13, ML3.2/1, MS3.4/15, Ms1.3.4/15, ms1mx3.2/37, Error ellipse: s-maj=39.2km s-min=14.6km az=56.0

ISCJB 11 05:09:55.8:0.5, 10.26N:0.06:93.89E:0.09, h19km, mb4.1/17, MS3.2/14, Error ellipse: s-maj=14.0km s-min=7.2km az=150.9

NEIC 11 05:09:59.7:0.4, 10.28N:93.80E, h35km, mb4.5/5, Error ellipse: s-maj=11.4km s-min=6.7km az=65.0

ISC 11 05:09:58.0:0.6, 10.27N:0.09:93.8E:0.1, h19km, n59, s=193.50, mb4.2/17, MS3.3/14, Andaman Islands region

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

Table with columns: ZALV, Zalesovo Beam, 44.15 352 P, P, 05 18 07.0 -0.6, etc.

PDG 11 05:27:51.5:0.3, 42.58N:21.58E, h8km, ML2.4/11, Error ellipse: s-maj=0.6km s-min=0.8km az=0.0

CSEM 11 05:27:52.8:0.2, 42.53N:21.45E, h2km, ML2.2, Error ellipse: s-maj=3.5km s-min=3.4km az=67.0

BEO 11 05:27:53.3:0.3, 42.51N:21.42E, h0km, ML2.3/6, SKO 11 05:27:53.1:42.39N:21.39E, h10km, M1.9, ML2.5

TIR 11 05:27:55.8:0.5, 42.33N:21.24E, h31km, n59km, SOF 11 05:27:55.9:42.49N:21.71E, h10km, MD2.5

ISC 11 05:27:52.6:1.1, 42.51N:21.45E:0.02, h2km, n10km, n75, s=189.124, 12C-8D, Northwestern Balkan Peninsula

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

Table with columns: PLE, Ulcinj, 1.73 252, eSN, Sg, 05 28 48.8 +1.0, etc.

MEX 11 05:27:55.4:0.7, 18.38N:104.83W, h18km, n999km, MD3.5, Near coast of Jalisco

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

IDC 11 05:31:54.5:3.8, 9.56N:92.67E, h0km, mb3.7/6, mb1.3.8/6, mb1mx3.6/26, mbtmp3.7/6, Error ellipse: s-maj=209.5km s-min=23.0km az=58.0

ISCJB 11 05:32:00.3:3.4, 9.9N:0.7:9.3E:1, h43km, mb3.6/6, Error ellipse: s-maj=190.6km s-min=18.6km az=148.3

ISC 11 05:32:02.1:3.4, 9.9N:0.7:9.3E:1, h43km, n6, s=0947/6, mb3.5/6, Nicobar Islands region

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

IDC 11 05:34:58.5:2.7, 5.39N:123.96E, h0km, mb3.6/3, mb1.3.4/7, mb1mx3.5/23, mbtmp3.6/3, Error ellipse: s-maj=342.5km s-min=25.8km az=64.0, Mindanao

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

IDC 11 06:20:12.3:1.6, 12.68S:165.78E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.8/18, mbtmp3.8/5, ML3.0/1, MS3.4/7, Ms1.3.4/7, ms1mx3.1/31, Error ellipse: s-maj=52.0km s-min=29.7km az=127.0, Santa Cruz Islands

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

KRSC 11 06:26:34.3:3.7, 52.87N:160.09E, h23km, n23km, ML3.7, Off east coast of Kamchatka Peninsula

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRER Koryakskii, KOK Koryaka, RUS Russkaya, etc.

Table with columns: ILAR Eielson Array, NVAR Mina Array, NVAR Makanchi Array, etc. Includes station codes and coordinates.

Table with columns: KIZT Kizical, ADVT Abdulvahap, ADVT Abdulvahap, etc. Includes station codes and coordinates.

ISCJB 11 06:31:09.2, 6.7, 20S, 0.108x125.66E, 0.10, h488km, mb3.8/5, Error ellipse: s-maj=13.5km s-min=9.1km az=153.8

AUST 11 06:31:09.1, 0.0, 7.15S, 125.59E, h491km, Error ellipse: s-maj=1.6km s-min=1.3km az=263.0

IDC 11 06:31:10.5, 2.2, 7.01S, 126.10E, h491km, mb3.5/5, mb1 3.6/7, mb1mx3/1.9, mbtmp3.5/7, Error ellipse: s-maj=83.5km s-min=12.6km az=63.0

ISC 11 06:31:10.6, 0.8, 7.22S, 0.10, 125.7E, 0.1, h488km, n22, 1.136/2.5, mb3.9/5, Banda Sea

ISK 11 06:45:15.4, 37.92N, 28.87E, h2km, ML3.5
ISCJB 11 06:45:16.3, 0.5, 37.94N, 0.02, 28.85E, 0.02, h1km, 4km, Error ellipse: s-maj=2.7km s-min=2.7km az=169.7
CSEM 11 06:45:16.7, 0.1, 37.92N, 28.86E, h2km, ML3.9, Error ellipse: s-maj=2.9km s-min=2.6km az=74.0
DDA 11 06:45:16.2, 1.4, 37.94N, 28.84E, h10km, ML3.9
ISC 11 06:45:17.2, 1.0, 37.92N, 0.01, 28.87E, 0.02, h7km, 8km, n132, 1.016/1.72, Turkey

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

ISC 11 06:47:37.5, 5.8, 7.71S, 127.00E, h306km, mb3.1/1, mb1 3.6/4, mb1mx3.2/1.9, mbtmp4.3/4, Error ellipse: s-maj=93.5km s-min=56.2km az=74.0, Banda Sea

ISC 11 06:48:05.0, 1.9, 2.25N, 99.56E, h106km, 92km, mb3.2/3, mb1 3.8/3, mb1mx3.1/2.4, mbtmp3.2/3, Error ellipse: s-maj=398.5km s-min=23.0km az=54.0, Northern Sumatera

ISC 11 07:07:27.9, 2.5, 12.33S, 165.70E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/1.7, mbtmp3.7/3.5, MS3.5/1, Ms1 3.5/1, ms1mx2.9/2.2, Error ellipse: s-maj=100.4km, s-min=99.6km az=132.0, Santa Cruz Islands

ISC 11 07:29:25.9, 3.1, 21.92S, 68.81W, h0km, mb4.1/1, mb1 3.8/3, mb1mx3.6/1.7, mbtmp3.8/3, ML3.7/2, Error ellipse: s-maj=76.9km s-min=54.3km az=91.0

ISCJB 11 07:42:2.0, 0.9, 20.71S, 0.05, 69.1W, 0.2, h28km, 11km, mb3.9/1, Error ellipse: s-maj=30.1km s-min=6.9km

GUC 11 07:29:43.0, 0.5, 20.68S, 69.09W, h12km, 3km, ML3.8
ISC 11 07:29:42.4, 1.0, 20.67S, 0.05, 68.9W, 0.1, h11km, 12km, n11, 1.133/1.6, SC, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their coordinates.

NIED 11 07:31:00.4, 43.40N, 144.70E, h104km, Mw3.7 Best double couple: M4.0100x1014 NP1.0x218.0000, 1.66.0000, 1.102.0000, NP2.0x10.0000, 326.0000, 1.64.0000
ISCJB 11 07:31:44.0, 0.4, 43.40N, 0.04, 144.66E, 0.04,



h114km,3km,mb3.5/7, Error ellipse: s-maj=7.2km s-min=4.8km az=158.9
JMA 11 07:31:44.8.0.1, 43.39N;144.67E, h110km,1km, M3.5
JMA Felt J1.
SKHL 11 07:31:45.6.0.5, 43.50N;144.70E, h110km,8km,mb5.1/1,
ms4.8/1
IDC 11 07:31:46.5.1.9, 43.47N;144.55E, h122km,17km,mb3.3/7,
mb1 3.5/7, mb1mx3.4/23, mbtmp3.3/7, Error ellipse:
s-maj=25.2km s-min=18.9km az=116.0
ISC 11 07:31:45.0.0.8, 43.40N;144.005:144.66E;0.04, h110km,5km,
n37, o570/43, mb3.6/7, Hokkaido region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Hokkaido region and Northern Chile.

Table with columns: TXAR, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for TXAR region.

IDC 11 08:08:05.7.3.0, 11.53S;165.21E, h0km,mb3.9/4,
mb1 4.0/5, mb1mx3.8/18, mbtmp3.9/5, ML3.6/1, MS3.7/1,
Ms1 3.7/1, ms1mx2.8/26, Error ellipse: s-maj=62.5km
s-min=39.1km az=86.0, Santa Cruz Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Santa Cruz Islands region.

IDC 11 08:16:50.3.8.8, 36.50N;71.21E, h123km,66km,mb3.4/3,
mb1 3.3/7, mb1mx3.2/28, mbtmp3.2/7, Error ellipse:
s-maj=80.0km s-min=57.4km az=155.0
NMC 11 08:16:53.2.5.7, 36.89N;70.97E, h214km,82km,mb3.0,
mpv4.0, Error ellipse: s-maj=55.6km s-min=33.7km
az=25.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Santa Cruz Islands region.

IDC 11 08:20:51.4.31.0, 17.24S;177.87W, h0km,mb4.0/4,
mb1 4.2/4, mb1mx3.8/18, mbtmp4.0/4, Error ellipse:
s-maj=603.8km s-min=151.0km az=85.0, Fiji Islands
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Fiji Islands region.

Table with columns: KEST, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for KEST region.

IDC 11 08:21:48.4.1.4, 5.01N;127.46E, h0km,mb3.8/6,
mb1 4.0/6, mb1mx3.7/23, mbtmp3.8/6, Error ellipse:
s-maj=98.7km s-min=17.7km az=68.0, Philippine
Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Philippine Islands region.

IDC 11 08:44:31.1.1.8, 11.98S;164.78E, h0km,mb3.6/3,
mb1 3.9/4, mb1mx3.7/18, mbtmp3.7/4, ML3.6/1, MS2.9/2,
Ms1 2.9/2, ms1mx2.5/24, Error ellipse: s-maj=49.5km
s-min=33.5km az=129.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Santa Cruz Islands region.

MEX 11 09:38:01.4.0.5, 15.07N;95.02W, h16km,10km,MD3.9,
New coast of Oaxaca

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for New coast of Oaxaca region.

IDC 11 09:41:37.6.3.3, 15.33S;173.16W, h0km,mb3.9/3,
mb1 4.1/3, mb1mx3.7/20, mbtmp3.9/3, MS3.7/2, Ms1 3.7/2,
ms1mx2.9/34, Error ellipse: s-maj=181.7km
s-min=24.6km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Contains station data for Tonga Islands region.



Table with columns: Name, Value, Unit, and other identifiers. Includes entries like HVZN Vizzini, MNO Monte Soro, SRS Serrai, etc.

Table with columns: Name, Value, Unit, and other identifiers. Includes entries like LMSR SNR=70, DEMI Demirci, AOU L'Aquila, etc.

Table with columns: Name, Value, Unit, and other identifiers. Includes entries like PGF Pioggiola, TLCR Paphos, BUD Budapest, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KOLS Kolonické sedl, DFFRA Djebel Bou Aff, and WTTA Wattenberg.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, and MBDF Montbardon.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like RCY Rachaya, RCU Rachaya, and UPC Upec.





Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Myndd Eilian, RYR, YRC, etc.

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

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BVAO, Borovoye Array, BVAO, etc.







Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H17A Grant Village, W25A X Bar L Ranch, 130A Snyder, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W25A X Bar L Ranch, 130A Snyder, MSTX Muleshoe, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like URZ Urewera, TBI Tubuai, NNC 11 09:53:19.3, etc.







Table with columns: Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for HIN, JPK, FID, etc., and a sub-section for DDA 11:34:44.4, 37.47N-35.41E, h2km, MD2.7, Turkey.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WRA, ASAR, MKAR, and a section for Komandorsky Islands region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for LNV, LNV, PCH, CACH, EICanelo, and a section for Oaxaca.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for AYKD, HWQ, FKX.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WRA, ASAR, H1S1, H1S2, H1N1, H1N2.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for KRSC, OXSS, TILK, PALN, KBTR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for ICD, Sumatera, H0S2, H0S3, H0W3, H0W1, H0W2, WRA, ASAR, STKA, MKAR, TXAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for ICD, GUC, CAPV, ROSC, SOCV, ELOV, VIRV, QARV, SANV, CURV, TERV, BAUV, MAPV, TURV, CUPV, ASAR, WRA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for ICD, H1S3, H1N3, H1N4, H1N5, H1N6, H1N7, H1N8, H1N9, H1N0, H1N1, H1N2, H1N3, H1N4, H1N5, H1N6, H1N7, H1N8, H1N9, H1N0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for BNDI, TLE, MTN, KDU, KNRA, FITZ, FITZ, WRA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for GUC, ROSC, CHNG, PEL, JEL, TACH, SAN, SAN, SAN, SAN, SAN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for NEIC, BKK, ICD, LHMI, LHMI, LHMI, LHMI, TPTI, KNSI, KNSI, PSI, PSI, PSI.



11d 13h

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Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like BLJI Banyuglugur, GRJI Gresik, GMJI Gumukmas, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like KASI Kota Agung, LWLI Lwla, BKNI Bangkinang, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like BJT Baijiatatau, BJT Beijing, BJI BJI, etc.





Table with columns for station call letters (e.g., BRVK, TIXI, OUZ), frequency, power, and coordinates. Includes sub-headers like '11d 13h' and 'SNR=25'.

Table with columns for station call letters (e.g., RAYN, OHAK, ZEI), frequency, power, and coordinates. Includes sub-headers like '7730 292 P' and '2009 NOV'.

Table with columns for station call letters (e.g., APA, EGAK, KEV), frequency, power, and coordinates. Includes sub-headers like '1400 12.5 -0.2' and '432'.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BLA Blacksburg, LRAL Lakeview Retre, CBN Corbin, DBIC Dimbokro, BRAL Brewton, SHEL Horse Pasture, TEIG Tepich, BBSR BB Station, EFI East Falkland, TGUH Tegucigalpa, PAYG Puerto Ayora, JTS Juntas Abangare, MTDJ Mount Denham, GTBY Guantanamo Bay, PLCA Paso Flores, SDDR Presa de Saban, BCIP Isla Barro Col, CELP Cerillos, OBIP Obisado Ponce, STVI Saint Thomas, ANWB Willy Bob, OTAV Otavalo, CFAA Coronel Fontan, FDF Fort de France, LCO Las Campanas, BBGH Gun Hill, GRGR Grenville, LVC Limon Verde, RCBR Riachuelo, CPUP Villa Florida, SPB Sao Paulo, LPAZ La Paz, PTGA Pitinga, BDBF Brasilia, AUST 11 14:00:23.5, ISCB 11 14:00:26.8, IDC 11 14:00:30.8, ISC 11 14:00:28.5.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MTN Manton Dam, DZM Mont Dzumac, WRA Warrangung Arr, QLP Quijipe, KNRA Kununurra, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, HTT Hallett, BBOO Bucleo, FORT Forrest, MEEK Meekatharra, GIRL Giralia, MORW Morawa, KLBR Kellerberrin, BLDU Beldur, SUKH Sukhothai, CRAI Chiangrai, LAMP Lampang, CMAR Chiang Mai Arr, CMMT Chiang Mai, PHTO Chiang Mai, PAPT Papeete, TAPN Tapejuung, ODAN Odare, RAMN Ramite, JIRN Jiri, GUN Gunung, PKI Pulchoki, KKN Kakani, DMN Daman, GKN Gorkha, KOLN Koldanda, DANN Dangsing, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, ILAR Eielson Array, NVAR Nevado Array, GERES GERRS Array B, TORD Torodi Arr, ISCB 11 14:09:41.3, CSEM 11 14:09:41.9, UPP 11 14:09:41.9, IDC 11 14:09:44.5, ISC 11 14:09:41.9, Code Station Name, NRTU Nortaetje, BACU Bacton Anna, FLYU Fylyrta, OSTU Oestervaa, AAL Aland, VSTU Vaestervik, LNKU Linkoepping, NRAU Narsarsuaq, ASPU Aespe, BYX Byxelkrok, EKSU Eskjoe, OSKU Oskarshamn, HFS Hagfors, HFS Hagfors, NOA NORARS Array B, NOA NORARS Array B, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, BRG Bergsigshubel, ARCES ARCESS Array B, ARCES ARCESS Array B, IDC 11 14:19:29.8, ISCB 11 14:19:31.5, ISC 11 14:19:33.2, Code Station Name, KDU Kakadu, MTN Manton Dam, KNRA Kununurra, WRA Warrangung Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array, IDC 11 14:22:27.3, Code Station Name, TAP 11 14:27:12.1, Code Station Name, MAN 11 14:29:33.9, BUTP Butuan, MSLP Maasin, CGP Caagan of Oro, BUKP Musuan, TBP Tagbilaran, TBP Tagbilaran, GUIM Jordan, IDC 11 14:32:36.7, ISCB 11 14:32:38.7, AUST 11 14:32:41.2, ISC 11 14:32:41.3, Code Station Name, TLE Tual, TLE Tual, TLE Tual, KMPI Kaimana, FAKI Fak Fak, FAKI Fak Fak, BNDI Bandanaira, BNDI Bandanaira, MWPI Manokwari, BAKI Biak, WAMI Wamena, SWI Sorong, SWI Sorong, NDLI Namlea, KAKU Kakadu, MTN Manton Dam, SOEI Soe, SOEI Soe, KNRA Kununurra, KMSI Kuning, LUWI Luwuk, LUWI Luwuk, GTOI Gorontalo, COEN Coen, PMG Port Moresby, Code Station Name, BUTP Butuan, MSLP Maasin, CGP Caagan of Oro, BUKP Musuan, TBP Tagbilaran, TBP Tagbilaran, GUIM Jordan, IDC 11 14:32:36.7, ISCB 11 14:32:38.7, AUST 11 14:32:41.2, ISC 11 14:32:41.3, Code Station Name, TLE Tual, TLE Tual, TLE Tual, KMPI Kaimana, FAKI Fak Fak, FAKI Fak Fak, BNDI Bandanaira, BNDI Bandanaira, MWPI Manokwari, BAKI Biak, WAMI Wamena, SWI Sorong, SWI Sorong, NDLI Namlea, KAKU Kakadu, MTN Manton Dam, SOEI Soe, SOEI Soe, KNRA Kununurra, KMSI Kuning, LUWI Luwuk, LUWI Luwuk, GTOI Gorontalo, COEN Coen, PMG Port Moresby.



11d 15h

Table with columns: BRTR, Kesklin Array B, 6.57 48 Pn, Pn, 15 51 42.6 +0.6, 1.2nm, 0.3s, baz=222, slow=14, SNR=36

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Table with columns: EIL, Elat, 8.68 130 Pn, Pn, 15 52 09.5 -1.4, 8.68 130 Pn, Sn, 15 53 43.0 -4.6

436

Table with columns: VSR, comp=N, 10.0nm, 0.7s, pmax, pmax, 17.89 25 eP, P, 15 54 13.8 -0.4



11d 18h

Table of astronomical observations for 11d 18h, listing station names, codes, and observation details.

2022 NOV

Table of astronomical observations for 2022 NOV, including station names, codes, and observation details.

ISC 11 18:00:36.7...

Table of seismic observations for ISC 11 18:00:36.7..., listing station names, codes, and observation details.





Table with columns: WRA, ASAR, FITZ, BRTR, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Warrungarra Arr, Alice Springs, Fitzroy Crossi, Keskin Array B.

ISC/JB 11 19:31:17.2.0.7, 6.18N, 0.05x126.23E, 0.05, h10km, mb3.5/5, Error ellipse: s-maj=7.8km s-min=6.2km az=155.9

11 19:31:17.3.2.0, 6.37N, 126.69E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/2.1, mbtmp3.6/5, Error ellipse: s-maj=124.7km s-min=24.3km az=67.0

MAN 11 19:31:18.6.31N, 126.22E, h0km, mb4.6, ML3.4, MS3.4, ISC 11 19:31:18.5.0.9, 6.25N, 10.06x126.15E, 0.07, h10km, n13, a=160/17, mb3.6/5, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MATI, DMPH, GSPH, KCP, BUKP, BUTP, PAGZ, FITZ, WRA, ASAR, STKA, MKAR.

ISC 11 19:36:37.4.5.1, 9.46S, 148.06E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.5/1.3, mbtmp3.4/2, ML3.4/2, Error ellipse: s-maj=77.0km s-min=15.9km az=24.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, ASAR, STKA, FITZ.

ISC 11 20:05:37.4.2.4, 18.64S, 176.04E, h0km, mb4.3/3, mb1 4.4/4, mb1.1/1.5, mb1mx4.3/4, ML3.8/1, MS3.7/1.5, Ms1 3.7/1.5, ms1mx3.5/2.6, Error ellipse: s-maj=48.7km s-min=44.6km az=70.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, RAO, AFI, HNR, URZ, RPZ, PMG, TBI, PPT2, PPT, STKA, WRA, WRA, ASAR, ASAR, ASAJ, PETK, ILAR, TXAR, GERX, GRESS.

ISC 11 20:18:28.0.1.7, 2.09N, 126.96E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.7/1.9, mbtmp3.8/5, Error ellipse: s-maj=102.0km s-min=22.4km az=68.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ, WRA, ASAR, STKA, MKAR.

NEIC 11 20:25:54.4, 59.85S, 152.10W, h69km, ML2.8(AEIC), After AEIC, Southern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HOM, ILS, INE, CNPM, ILW, OPT, BRK, RSO, RDWB, RDW, RDT, DFR, NCR.

Table with columns: AUI, BGRM, SLKM, MCNL, MNSP, CKL, SEW, SBLG, PGB, STLK, SUA, KDKA, KDKA, PWL, PMR, OHAK, SCM, VYZ, DIV, KLU, CAST, TRF, KTH, BMR, RND, DHY, MCK, PAX, WRH, COLA, ACSD.

ISC 11 20:37:26.5.7, 3.162S, 178.33W, h0km, mb3.5/2, mb1 3.2/2, mb1mx3.6/1.5, mbtmp3.5/2, Error ellipse: s-maj=317.3km s-min=57.1km az=158.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, FINES.

IGQ 11 20:51:17.0, 0.03S, 78.39W, h12km, 14km, Mb4.0, Ms3.8, 18C-4D, Error ellipse: s-maj=0.7km s-min=0.4km az=1.2, Ecuador

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GGP, TGP, OTAV, OTAV, JAYA, ANTI, PITA, VCI, NAS2, BVCC, BVCC, COB, BREF, BTAM, BNAS, CAMI, MIOV, BMOR, CHAR, CONE, LAV4, LITE, PISA, BRUN, JUI6, BULB, ULBA, BPAT, BMAS, PAT1, ARRY, IGUA.

MAN 11 20:58:40, 17.27N, 121.42E, h73km, mb4.1, ML2.9, MS2.7, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAUP, APYP, APYP, ABRA, ABRA.

ISC 11 21:14:52.1.2.0, 15.61S, 165.54E, h0km, mb4.5/3, mb1 4.8/4, mb1mx4.1/1.6, mbtmp4.7/4, ML3.5/1, Error ellipse: s-maj=216.3km s-min=34.7km az=54.0

AUST 11 21:15:27.4.3.1, 15.72S, 165.23E, h346km, Error ellipse: s-maj=12.5km s-min=1.6km az=299.0

ISC 11 21:14:48.4.7.5, 15.2S, 0.4x168.0E, 0.8, h150km, n17, a=072/16, mb4.2/3, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, NOUC, NOUC, EIDS, RMQ, MTSU, QLP, CMSA, STKA, STKA, HRT, WRA, ASAR, BBOD, WRT, FORT, MEEK, MORW.

PGC 11 21:28:36.5.11.0, 48.83N, 128.90W, h10km, ML2.9/2, Mw3.5, 3D, 220km west of Tofino, Bc Vancouver Island Region, Vancouver Island region

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

Table with columns: EDB, WOSB, BBB, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Eliza Dome, Woss, Bella Bella.

IDC 11 21:29:03.1.1.2, 19.93N, 121.50E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/2.2, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=67.5km s-min=21.2km az=69.0

MAN 11 21:29:35.17.96N, 121.13E, h27km, mb4.2, ML3.0, MS2.7, ISC 11 21:29:04.3.1.1, 19.89N, 121.50E, 0.03, h10km, n8, a=086/7, mb3.6/4, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like APYP, APYP, ABRA, BALP, KRSR, WRA, MKAR, ASAR, KURBB.

IDC 11 21:43:52.8.10.0, 31.51S, 179.00W, h139km, 101km, mb3.2/2, mb1 3.4/3, mb1mx3.2/1.6, mbtmp3.2/3, ML3.8/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/0.9, Error ellipse: s-maj=91.2km s-min=56.5km az=172.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, URZ, ASAR, WRA, FINES.

IDC 11 22:00:30.1.0.7, 8.02S, 118.63E, h0km, mb4.1/10, mb1 4.2/12, mb1mx4.1/2.3, mbtmp4.1/2, ML4.2/2, Error ellipse: s-maj=36.3km s-min=14.1km az=69.0

AUST 11 22:00:39.1.8.8, 29S, 118.60E, h0km, Error ellipse: s-maj=24.3km s-min=9.0km az=147.0

NEIC 11 22:00:34.9.0.4, 8.11S, 118.61E, h35km, mb4.4/5, Error ellipse: s-maj=14.4km s-min=6.7km az=66.0

DJA 11 22:00:38.6.0.2, 8.2S, 118.9E, h15km, Ms0.18, mb4.9/4, mb5.5/4, ML2.5/1.18, Ms0.04/1.9/4

ISC 11 22:00:31.21.3, 8.08S, 118.51E, 0.03, h7km, 9km, n6, a=154/63, mb4.2/14, 3C-5D, Sumbawa region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LBFI, LBFI, WBSI, WBSI, MTNI, BKSI, BKSJ, SRBI, SRBI, KAPI, KAPI, MMRI, BNSI, BYJI, ABJY, SPSI, SPSI, MJSI, KMIJ, BBSI, BLJI, KKSJ, GMJI.

TTSI, MMSI, SOEI, LUWI, FITZ, FITZ, KNRA, MBWA, MTN, KDU, GIRL, MEEK, WRA, WRA, WRAB, MORW, ASAR, ASAR, PSI, PSI, NWAO, COEN, BBOD, HTT, STKA, STKA, STKA, GTA, GTA, GTA, USRK, USRK, ULN, MKAR, MKAR, AAK.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURBB, ZALV, MAW, VVND, BVAR, KMBQ, CPUP, etc.

BKK 11 22:01:06.5:0.5,9'S:14°12'0"E:1°3',h10km,M4.8/18, mb5.4/6,mb4.6/18,Mw(mb)4.9/6
ISCJB 11 22:01:15.7:0.2,8'O:75S:0.04x118.85E:0.06,h34km, mb4.7/54,MS4.4/10,Error ellipse: s-maj=9.3km s-min=3.8km az=149.
NEIC 11 22:01:16.9:0.3,7.95S:118.98E:h35km,mb4.9/23,Error ellipse: s-maj=13.6km s-min=6.2km az=59.0
IDC 11 22:01:17.3:3.3,8.14S:118.56E,h30km,mb4.4/14, mb1.4/5.16,mb1mx4.4/26,mbmp4.4/16,ML4.6/2,MS4.1/3, Ms1.4/0.3,ms1mx3.7/10,Error ellipse: s-maj=2.03km s-min=0.8km az=55.0
GCMT 11 22:01:21.1:0.2,8.06S:118.60E,h18km,MW5.0,Moment Tensor Solution. s51,c67; s74,c113; Moment tensor: Scale 10^16Nm; Mr2.49z.12; Mw2.27z.08; Mw0.22z.09; Mw2.64z.22; Mw0.27z.06; Mw0.41z.25; Best double couple: Ms3.70000x10^16 NP1z.262.00000°,368.00000°, 7.88.00000°. NP2z.68.00000°,822.00000°,1.96.00000°. Principal axes: T 3.6200,67.0000°, Azm168.0000°; N 0.2400,Plg2.0000°. Azm263.0000°; P -3.8600,Plg23.0000°, Azm354.0000°; Data Used: II IU I C G CN CU.
BUJ 11 22:01:23.1:7.24S:119.08E,h43km,mb5.1/34,mb5.0/43, Ms4.7/31,Ms7.4/30
ISC 11 22:01:18.1:0.3,8.10S:0.05x118.84E:0.08,h34km,n109, s189/161,mb4.8/54,MS4.4/12,2D,Sumbawa region

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists numerous stations and their observations.

Main table with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists numerous stations and their observations.

Main table with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists numerous stations and their observations.

IDC 11 22:09:58.1:4.0,8.15S:119.26E,h0km,mb3.7/2, mb1.3/8.4,mb1mx3.6/20,mbmp3.7/6,ML3.7/2,Error ellipse: s-maj=121.8km s-min=29.4km az=35.0,Flores region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for the Flores region event.

MAN 11 22:10:54,17.44N:119.88E,h29km,mb4.0,ML2.8,MS2.5, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for the Philippine Islands region event.

IDC 11 23:07:49.9:1.4,29.37S:71.50W,h0km,mb3.2/1, mb1.3/9.6,mb1mx3.8/18,mbmp3.7/6,ML3.7/4,MS3.3/2, Ms1.3/3.2,ms1mx2.8/11,Error ellipse: s-maj=37.8km s-min=23.4km az=56.0
ISCJB 11 23:07:53.5:1.2,29.41S:0.07h:1.5W:0.1,h50km,mb3.5/2, MS3.2/1,Error ellipse: s-maj=18.1km s-min=9.6km az=155.5

ISC 11 23:07:55.9:1.2,29.44S:0.09h:1.5W:0.1,h50km,n12, s218/9,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for the Chile event.

ISCJB 11 23:14:48.3:0.7,8.61S:0.10x159.4E:0.1,h103km, mb3.8/8,Error ellipse: s-maj=16.9km s-min=12.0km az=146.0
IDC 11 23:14:48.9:2.2,8.55S:159.41E,h95km,mb3.8/8, mb1.4/9.8,mb1mx3.8/14,mbmp3.8/8,MS3.2/1,Ms1.3/2/1, ms1mx2.7/22,Error ellipse: s-maj=45.9km s-min=19.2km az=138.0

ISC 11 23:14:49.4:0.7,8.65S:0.1x159.5E:0.2,h103km,n18, s048/15,mb3.8/8,Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, ISC. Lists stations for the Bougainville event.

12d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warramunga Arr, H11S2 WAKE ISLAND Hy, etc.

NEIC 11 23:37:39.3, 36:56S, 178:59E, h82km, ML4.3(WEL), After WEL
WEL 11 23:37:40.2, 0.7, 36:56S, 178:55E, h33km, ML4.1/13, 2C-2D, Error ellipse: s-maj=4.5km s-min=4.4km az=0.0, Off east coast of North Island

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including MZK Matakaoa Point, WRA Warramunga Arr, H11S2 WAKE ISLAND Hy, etc.

ISCJB 12 00:07:20.6, 0.6, 14:39N, 0:07:92:25W, 0:05, h92km, 5km, mb3.7/6, Error ellipse: s-maj=13.1km s-min=6.3km az=20.4

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEX 12 00:07:20.4, 0.4, 14:24N, 92:72W, h22km, 22km, MD3.6, etc.

ISC 12 00:07:21.4, 0.9, 14:34N, 0:09:92:26W, 0:05, h88km, 7km, n19, e120/24, mb3.8/6, 1C-1D, Near coast of Chiapas

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including MEX 12 00:07:20.4, 0.4, 14:24N, 92:72W, h22km, 22km, MD3.6, etc.

ISC 12 00:07:1.1, 2.1, 51:00N, 0:2:173:16W, 0:07, h35km, n24, e115/29, mb3.8/5, Andreanof Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GSTR Great Sitkin T, GSKC Great Sitkin C, GSTD Great Sitkin T, etc.

ISC 12 00:28:51.6, 2.6, 16:55S, 173:04W, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.7/18, mbtm3.6/5, ML2.0/1, Error ellipse: s-maj=12.4km s-min=24.8km az=140.0

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Lists numerous stations including GSTR Great Sitkin T, GSKC Great Sitkin C, GSTD Great Sitkin T, etc.

GUC 12 01:19:34.0, 4.2, 23:00S, 70:13W, h32km, 5km, ML3.9, 3C-1D, Near coast of northern Chile

Table with columns: PB04, PB07, PB09, PB09, PB09, MNMC. Includes station names like Plate Boundary and Minimimi, and coordinates.

BJI 12 01:22:00.5, 18:40S: 174:66W, h16km, mb5.3/9, mb5.1/10, MSV 12 01:22:03.7, 0.3, 18:01S: 0:09:174:66W: 0:07, h33km, mb4.6/39, MS4.1/8, Error ellipse: s-maj=14.5km s-min=6.5km az=144.6

NEIC 12 01:22:06.0, 1.3, 18:05S: 174:64W, h42km, 11km, mb4.7/24, Error ellipse: s-maj=14.3km s-min=5.8km az=136.0

IDC 12 01:22:07.4, 3.7, 18:02S: 174:59W, h57km, 33km, mb4.0/12, mb1.4/2/13, mb1mx1.1/22, mbtmp4.0/13, ML2.0/1, MS3.6/4, Ms1.3/6.4, ms1mx3.1/26, Error ellipse: s-maj=26.8km s-min=14.0km az=136.0

ISC 12 01:22:06.6, 0.9, 18:11S: 0:08:174:4W: 0:1, h53km, 8km, n176, e1952/185, mb4.7/71, MS4.2/82, 52C-48D, Tonga Islands

Main table for 2009 NOV, columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists numerous stations like Afiamalu, Marotonga, Urewera, etc.

Main table for 2009 NOV (continued), columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists numerous stations like Wamic, Lo Ma Camp, etc.

Table for 12d 1h, columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like Sharp Cattle, Abilene, etc.

MEX 12 01:43:57.9, 0.4, 16:43N: 98:32W, h14km, 7km, MD3.5, Near coast of Guerrero

Table for MEX 12 01:43:57.9, 0.4, 16:43N: 98:32W, h14km, 7km, MD3.5, Near coast of Guerrero. Columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC.

IDC 12 01:54:05.7, 5.9, 4.79S: 151:72E, h52km, 54km, mb3.5/4, mb1.3/8.5, mb1mx3.6/16, mbtmp3.6/5, ML2.9/1, MS4.5/1, Ms1.4/5.1, ms1mx3.0/21, Error ellipse: s-maj=104.8km s-min=29.1km az=131.0, New Britain region

Table for IDC 12 01:54:05.7, 5.9, 4.79S: 151:72E, h52km, 54km, mb3.5/4, mb1.3/8.5, mb1mx3.6/16, mbtmp3.6/5, ML2.9/1, MS4.5/1, Ms1.4/5.1, ms1mx3.0/21, Error ellipse: s-maj=104.8km s-min=29.1km az=131.0, New Britain region. Columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC.

AUST 12 01:57:24.5, 2.0, 0:28N: 98:86E, h114km, Error ellipse: s-maj=29km s-min=0.9km az=232.0

IDC 12 01:57:28.4, 1.6, 0:75N: 93:73E, h135km, 10km, mb3.8/13, mb1.3/9/14, mb1mx3.7/25, mbtmp3.8/14, Error ellipse: s-maj=38.5km s-min=11.1km az=51.0

ISCJB 12 01:57:29.3, 0.4, 0:78N: 0:04: 99:66E: 0:05, h155km, 4km, mb4.0/13, Error ellipse: s-maj=10.0km s-min=4.8km

DJA 12 01:57:31.0, 0.4, 1:1N: 3:10: 0E: 1, h137km, 7km, M4.6/13, mb4.7/4, mb5.1/2, MLv4.5/13, Mw(m)B4.4/2

ISC 12 01:57:30.0, 0.7, 0:84N: 0:05: 99:67E: 0:06, h146km, 6km, n66, e1919/66, mb3.9/13, Northern Sumatra

Table for AUST 12 01:57:24.5, 2.0, 0:28N: 98:86E, h114km, Error ellipse: s-maj=29km s-min=0.9km az=232.0. Columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC.

Table with columns: PDI, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

CSEM 12 02:00:41.4.0.1, 37.49N-21.95E, h10km, MD2.7, Error ellipse: s-maj=3.0km s-min=2.2km az=74.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

Table with columns: VLI, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

ISC/JB 12 02:13:36.3.0.5.21.04S.0.03.178.78W.0.02, h563km, 5km, mb5.2/230, Error ellipse: s-maj=5.1km s-min=2.9km az=162.1

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

DJA 12 02:13:46.2.0.7.21.1.4x17.9W.1, h628km, 9km, M5.4/59, mb5.6/59, mb5.8/50, mb(W)B5.4/50

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

Table with columns: RAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Uncertainty, Elevation Bias Uncertainty.

Table with columns: ASAR, comp, P, P, 02 22 27.6 +0.4, etc. Includes entries like ASAR comp=Z,42nm,0.6s,baz=104,slow=4.0,SNR=13, etc.

Table with columns: KDM, Kudat, 69.10 286, P, P, 02 23 46.9 -0.5, etc. Includes entries like KDM Kudat 69.10 286, KKM Kota Kinabalu, etc.

Table with columns: ISA, Isabella, 80.18 46, eP, pP, 02 26 53.1 +1.3, etc. Includes entries like ISA Isabella 80.18 46, KRMB Red Mountain, etc.

12d 2h

2009 NOV

Table of weather forecasts for the left column, listing stations like TPH, TPH, TPH, etc., with their respective conditions and values.

Table of weather forecasts for the middle column, listing stations like BJL, BJL, BJL, etc., with their respective conditions and values.

Table of weather forecasts for the right column, listing stations like TXAR, TXAR, TXAR, etc., with their respective conditions and values.





Table with columns for station ID (e.g., MK32, MK33), name (e.g., Machancki Array), coordinates (e.g., 111.11 313), and signal strength (+0.2, -1.2, etc.).

Table with columns for station ID (e.g., MOS, FIAO), name (e.g., Moscow, FINES Array S), coordinates (e.g., 136.12 343), and signal strength (+0.2, -1.2, etc.).

Table with columns for station ID (e.g., MUD, COP), name (e.g., Monsted Ugrnd, Copenhagen), coordinates (e.g., 144.17 353), and signal strength (+0.2, -0.6, etc.).

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Dobruska-Polom, Moravsky Berou, Berggiesshubel, and GERES Array S/B. The table is organized into multiple columns for readability.

Table with columns: RJF, Les Rejaudoux, 155.81 360, ePKIKP, PKPdf, 02 32 25.6 -0.8, etc. Includes stations like Les Rejaudoux, Oris-en-Rattie, etc.

Table with columns: HPIG, Tucson, 5.05, 4, ePn, Sn, 02 21 21.9 -1.1, etc. Includes stations like Tucson, Glamis, etc.

Table with columns: IM04, Redoubt South, 4.60 234, eS, Sn, 02 57 44.6 -1.3, etc. Includes stations like Redoubt South, Whitehorse, etc.

Table with columns: WRA, ASAR, STKA, MKAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Frequency, etc.

IDC 12 03:59:19.8:1.7, 18.833:177.55W, h594km, 19km, mb3.5/8, mb1 3.7/10, mb1mx3.5/18, mbtmp3.6/10, Error ellipse: s-maj=54.8km s-min=12.8km az=145.0, Fiji Islands region

Main table section 1: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Frequency, etc.

IDC 12 04:06:48.8:0.5, 0:40N, 98:65E, h0km, mb4.6/18, mb1 4.6/18, mb1mx4.4/29, mbtmp4.6/18, MS3/7, Ms1 3.6/7, ms1mx3.3/27, Error ellipse: s-maj=22.0km s-min=12.3km az=58.0

BUI 12 04:06:50.8, 0:31S, 98:67E, h55km, mb5.0/20, mb4.9/35, Ms4.5/15, Ms7.4/21

DJA 12 04:06:54.0, 0:3, 0:3N, 97:98E, h13km, M4.8/15, mb5.1/14, mb5.3/10, MLV4.9/15, Mv(mB)4.7/10

ISCBJ 12 04:06:54.7:0.5, 0:29N, 0:03, 98:50E, 0:04, h57km, 4km, mb4.7/41, MS3.8/13, Error ellipse: s-maj=7.7km s-min=3.4km az=145.8

NEIC 12 04:06:55.6:2.8, 0:35N, 98:42E, h52km, 4km, mb5.0/16, Error ellipse: s-maj=16.8km s-min=9.5km az=59.0

NEIC Felt (I) on Pulau Tanahmasa, BKK 12 04:06:55.7:1.4, 0:10N, 97:9E, 1.1, h10km, M4.6/15, mb5.1/9, mb4.6/15, MLV4.8/8, Mv(mB)4.4/9

AUST 12 04:06:56.6:1.0, 0:37N, 98:55E, h6km, 2km, Error ellipse: s-maj=16.4km s-min=4.2km az=57.0

ISC 12 04:06:56.4:0.4, 0:31N, 0:04, 98:41E, 0:04, h53km, 2km, h53km, p-P, N181, 1:170/207, mb4.8/41, MS3.7/13, 9C-17D, Northern Sumatera

Main table section 2: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Frequency, etc.

Main table section 3: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Frequency, etc.

Main table section 4: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Frequency, etc.

12d 7h

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Blanco, Laxson Ranch, Suao, Hatj, Kuro-shima, etc.

TAP 12 04:09:45.5, 24.69N, 122.88E, h128km, ML3.9, C
ISCJB 12 04:09:46.2, 0.7, 24.59N, 0.04, 122.91E, 0.02,
h114km, 6km, Error ellipse: s-maj=7.4km s-min=3.7km
az=174.8

JMA 12 04:09:46.5, 0.2, 24.85N, 122.99E, h110km, 3km, M2.9
ISC 12 04:09:46.1, 1.9, 24.61N, 0.07, 122.92E, 0.03,
h118km, 1.3km, n33, o56/64, 3D, Taiwan region

Main table of station data for the 12d 7h period, listing station names, coordinates, and observation times.

IDC 12 04:27:16.5, 6.8, 0.62N, 101.85E, h0km, mb3.7/3,
mb1 3.8/3, mb1mx3.4/2.1, mbtmp3.7/3, Error ellipse:
s-maj=356.9km s-min=27.2km az=53.0, Northern
Sumatera

Table of station data for the IDC 12 04:27:16.5 event, including Warrungarra Arr, Makanchi Array, ZALV, etc.

IDC 12 05:16:33.9, 4.4, 24.07S, 176.12W, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3.7/1.5, mbtmp3.6/3, MS3.5/6, Ms1 3.5/6,
ms1mx3.2/2.2, Error ellipse: s-maj=180.4km
s-min=48.7km az=143.0, South of Fiji Islands

Table of station data for the IDC 12 05:16:33.9 event, including Raoul Island, Urewera, HNR, STKA, etc.

2009 NOV

Table of station data for the 2009 NOV period, listing stations like ASAR, WRA, MAW, SNA, etc.

ISCJB 12 05:21:47.0, 0.5, 36.69N, 0.03, 171.02E, 0.08, h188km,
mb3.4/7, Error ellipse: s-maj=9.3km s-min=4.0km
az=160.3

IDC 12 05:21:47.0, 4.5, 36.44N, 71.13E, h205km, 37km, mb3.2/7,
mb1 3.4/12, mb1mx3.2/2.8, mbtmp3.2/12, Error ellipse:
s-maj=38.2km s-min=19.2km az=37.0

NMC 12 05:21:55.5, 4.0, 37.31N, 71.12E, h203km, 38km, mb3.1,
mpv4.1, Error ellipse: s-maj=35.4km s-min=22.9km
az=24.0

ISC 12 05:21:47.2, 0.7, 36.74N, 0.06, 171.02E, 0.09, h188km, n38,
o176/43, mb3.4/7, 7C-3D, Afghanistan-Tajikistan border
region

Main table of station data for the 2009 NOV period, listing stations like CEP, CHPC, THW, etc.

MAN 12 05:38:28.9, 36N, 125.47E, h0km, mb4.8, ML3.7, MS3.7,
2C, Mindanao

Table of station data for the MAN 12 05:38:28.9 event, including Butuan, Maasin, CGP, etc.

BJI 12 05:52:05.5, 37.61N, 95.92E, h8km, ML3.7/6, Ms3.3/1,
Ms7.9/1

IDC 12 05:52:05.5, 3.0, 37.77N, 95.96E, h0km, mb3.5/6,
mb1 3.7/11, mb1mx3.6/2.9, mbtmp3.6/11, ML3.8/5, MS3.0/2,
Ms1 3.0/2, ms1mx2.5/3.0, Error ellipse: s-maj=31.3km
s-min=16.3km az=47.0

ISC 12 05:52:06.0, 6.8, 37.61N, 0.09, 95.78E, 0.06, h12km, n16,
o194/17, mb3.6/6, Qinghai

Table of station data for the IDC 12 05:52:06.0 event, including Gaotai, GTA, LZH, etc.

452

Table of station data for the 452 period, listing stations like WMQ, SONM, MKAR, AAK, etc.

WEL 12 06:48:51.9, 0.4, 45.49S, 166.76E, h21km, 1km, ML3.7/14,
1D, Error ellipse: s-maj=3.0km s-min=2.8km az=90.0,
Off west coast of South Island

Main table of station data for the WEL 12 06:48:51.9 event, listing stations like DCZ, Puysegur Point, etc.

WEL 12 06:56:03.2, 0.3, 45.46S, 166.75E, h22km, 1km, ML4.0/16,
1C-3D, Error ellipse: s-maj=2.1km s-min=1.9km az=90.0,
Off west coast of South Island

Main table of station data for the WEL 12 06:56:03.2 event, listing stations like DCZ, Puysegur Point, etc.

ISCJB 12 07:22:16.9, 0.4, 6.17N, 0.04, 126.14E, 0.09, h162km, 4km,
mb4.3/21, Error ellipse: s-maj=15.3km s-min=6.1km
az=164.6

IDC 12 07:22:16.9, 2.4, 6.18N, 126.12E, h147km, 21km, mb3.9/17,
mb1 4.1/17, mb1mx3.9/28, mbtmp3.9/17, Error ellipse:
s-maj=34.0km s-min=9.6km az=73.0
NEIC 12 07:22:17.9, 0.6, 6.17N, 126.13E, h158km, 5km, mb4.1/2,
Error ellipse: s-maj=18.9km s-min=4.6km az=72.0
MAN 12 07:22:17.6, 6.16N, 126.28E, h148km, mb5.0, ML4.0, MS4.1
AUST 12 07:22:18.2, 0.0, 6.14N, 126.15E, h166km, Error ellipse:
s-maj=1.8km s-min=1.0km az=262.0



12d 7h

2009 NOV

454

Table with multiple columns containing astronomical data: Name, RA, Dec, Magnitude, Type, etc. Entries include SIMIA, PLATEES, VILLIA, etc.



CSEM 12 07:29:25.8;0.1,46.128N,13.85E,h20km,MD1.4, Error ellipse: s-maj=3.9km s-min=2.5km az=171.0

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

ISCJB 12 07:31:10.9;0.6,38.61N,0.01-23.54E,0.02,h14km,4km, Error ellipse: s-maj=3.3km s-min=1.1km az=4.8

CSEM 12 07:31:10.9;0.1,38.61N,23.53E,h15km,ML3.5/13, Error ellipse: s-maj=4.0km s-min=2.8km az=90.0

ATH 12 07:31:10.9,38.62N,23.49E,h24km,MD3.2/29,ML3.9 THE 12 07:31:11.5,38.61N,23.51E,h13km,ML3.5/13, Error ellipse: s-maj=0.7km s-min=0.3km az=79.0

ISC 12 07:31:11.4;0.8,38.61N,0.01-23.51E,0.02,h13km,5km, h107,az60/162, Greece

Large table listing stations from MRKA to MAKRR with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table listing stations from KLV to HORT with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

WEL 12 08:31:55.1;0.5,35.86S,178.36E,h188km,5km,ML3.7/13, 1C, Error ellipse: s-maj=8.7km s-min=7.3km az=90.0

Off east coast of North Island

Table listing stations from MZK to KHZ with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MEX 12 08:43:11.8;0.8,15.39N,96.71W,h15km,MD3.5, Near coast of Oaxaca

Table listing stations from HUIG to UTMTO with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC 12 08:51:25.1;2.0,5.59S,151.60E,h0km,mb3.6/4, mb1 3.9/5, mb1mx3.7/15, mbtmp3.7/5, ML2.7/1, MS3.1/1, Ms1 3.1/1, ms1mx2.4/21, Error ellipse: s-maj=112.1km s-min=25.6km az=130.0, New Britain region

Table listing stations from PMG to ILAR with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC 12 09:14:07.6;0.9,1.99S,99.43E,h0km,mb4.0/12, mb1 4.1/13, mb1mx4.0/23, mbtmp4.0/13, ML3.2/1, Error ellipse: s-maj=37.1km s-min=14.4km az=56.0

NEIC 12 09:14:09.0;0.5,1.82S,99.48E,h10km,mb4.3/2, Error ellipse: s-maj=16.8km s-min=7.1km az=65.0

NEIC Felt [I] at Padangparangj, Sumatra. ISCJB 12 09:14:10.5;0.5,1.82S,99.54E,0.06,h30km, mb4.2/14, Error ellipse: s-maj=8.3km s-min=7.5km az=153.8

DJA 12 09:14:15.2;1.6,2.56S,101.0E, h10km, M4.7/5, MLv4.7/5 ISC 12 09:14:12.4;0.6,1.69S,106.99E,0.06,h30km,n49

1207/46, mb4.2/14, Southern Sumatera

Large table listing stations from Code to ZALV with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

ISC 12 09:49:36.6;4.7,17.21S,174.59W,h0km,mb4.4/4, mb1 4.5/4, mb1mx4.0/18, mbtmp4.4/4, Error ellipse: s-maj=147.5km s-min=94.7km az=154.0, Tonga Islands

Table listing stations from Code to ZALV with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: STKA, WRA, ASAR, FITZ, etc. containing station names, coordinates, and status.

CSEM 12 09:50:22.5i:1.0, 50.35N:19.09E, h2km, Error ellipse: s-maj=21.3km s-min=12.3km az=19.0

IDC 12 10:21:28.3:7.6, 35.29S:178.87E, h168km, mb2.8/2, mb1.3/1.3, mb1mx3.0/1.6, mbtmp2.9/2.9, Error ellipse: s-maj=97.5km s-min=52.8km az=177.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. listing stations like MXZ, MWZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. listing stations like URZ, CNZG, etc.

IDC 12 10:29:00.4:0.9, 10.87N:125.41E, h0km, mb3.7/8, mb1.3/9.8, mb1mx3.8/22, mbtmp3.7/8, Error ellipse: s-maj=35.0km s-min=18.1km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. listing stations like PLP, SCPL, etc.

MEX 12 10:40:19.9:0.3, 16.77N:99.67W, h5km, MD3.5, Near coast of Guerrero

ARIG Puente Sto Nin 1.64 337 / P Pn 10 40 46.0 -3.4

IDC 12 10:47:55.8:3.3, 30.21S:177.46W, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.6/18, mbtmp3.6/3, ML3.1/1, MS3.6/1, Ms1.3/6.1, ms1mx2.8/19, Error ellipse: s-maj=70.4km s-min=27.0km az=98.0, Kermadec Islands

IDC 12 10:52:59.0:5.9, 9.32N:125.41E, h0km, mb4.4/23, mb1.4/4.23, mb1mx4.4/31, mbtmp4.4/23, MS3.6/18, Ms1.3/6.18, ms1mx3.4/4.1, Error ellipse: s-maj=21.5km s-min=11.1km az=71.0

AUST 12 10:53:11.9:50N:125.52E, h100km, ISC 12 10:53:06.8:0.4, 9.31N:125.53E:0.05, h45km, 2km, n127, r163/165, mb4.4/46, MS3.6/25, 4C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. listing stations like BUTP, MASIN, etc.

IDC 12 10:29:08.4:0.8, 10.83N:105.125.94E:0.09, h49km, n18, r1575/16, mb3.7/8, 2C-1D, Leyte

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

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

CMAR Chiang Mai Arr 27.33 292 / P P 10 58 45.2 -2.6

IDC 12 10:47:55.8:3.3, 30.21S:177.46W, h0km, mb3.6/2, mb1.3/8.3, mb1mx3.6/18, mbtmp3.6/3, ML3.1/1, MS3.6/1, Ms1.3/6.1, ms1mx2.8/19, Error ellipse: s-maj=70.4km s-min=27.0km az=98.0, Kermadec Islands

IDC 12 10:52:59.0:5.9, 9.32N:125.41E, h0km, mb4.4/23, mb1.4/4.23, mb1mx4.4/31, mbtmp4.4/23, MS3.6/18, Ms1.3/6.18, ms1mx3.4/4.1, Error ellipse: s-maj=21.5km s-min=11.1km az=71.0

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

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

IDC 12 10:29:08.4:0.8, 10.83N:105.125.94E:0.09, h49km, n18, r1575/16, mb3.7/8, 2C-1D, Leyte

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains data for stations like PETK, DZM, MK01, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains data for stations like ARAO, ARAO, ARAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Contains data for stations like MWPI, KKM, TLE, etc.



Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like 427A Hayter Ranch, RR12 Red Ridge, U23A El Rito, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like L22A Ellis Ranch, H20A Greybull, U27A Thompson Grove, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Phase ID, Time, and Res. Includes stations like KSH comp=Z,100nm,4.4s, KSH comp=N,97nm,5.9s, etc.



Table with columns: ARU, Arti, comp=Z, 104nm, 0.7s, SNR=6.5, P, P, 13 04 27.1 -0.5, etc.

Table with columns: H24A, Dirks Ranch, A, 134.02, 28, P, PKPdf, 13 12 17.8 -0.2, etc.

Table with columns: PDAR, Pinedale Array, 78.39, 355, P, P, 13 11 47.8 -0.1, etc.

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

IDC 12:14:09:19.2±1.6, 1.57N, 126.48E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/20, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=117.6km s-min=21.7km az=68.0, Northern Lilloa Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRA, ASAR, MKAR, TORO.

MEX 12:14:15:42.4±0.3, 16.33N-99.71W, h12km, 6km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ACX, CAIG, CAIG, PNIG, MEIG, TLIG, ARIG, PLIG, ZIIG.

ISCJB 12:14:22:07.9±0.6, 21.73S±0.05; 67.25W±0.08, h190km, 8km, mb3.5/4, Error ellipse: s-maj=12.2km s-min=7.9km az=5.2

IDC 12:14:22:07.9±1.9, 21.73S; 67.12W±1.74km, 19km, mb3.5/4, mb1 3.5/8, mb1mx3.3/20, mbtmp3.4/8, Error ellipse: s-maj=29.5km s-min=16.4km az=94.0

GUC 12:14:22:11.2±0.3, 21.81S; 67.72W, h205km, 5km, ML4.1

GUC 12:14:22:09.1±0.8, 21.66S±0.06; 67.28W±0.07, h185km, 9km, n21, ±125/24, mb3.6/4, 3C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB09, PB09, PB04, PB04, PB07, PB07, HMBC, CEN1, CEN1, MNMC, MNMC, PSGC, ULM, TORO, H11S2, H11S1, H11S3, MKAR.

KRSC 12:14:25:28.2±2.8, 53.14N; 160.16E, h54km, 53km, ML1.1, Error ellipse: s-maj=38.6km s-min=14.4km az=56.5

MOS 12:14:25:29.0±1.0, 53.10N; 160.25E, h37km, mb4.2/1, Error ellipse: s-maj=38.6km s-min=14.4km az=56.5

ISC 12:14:25:28.5±1.1, 53.14N; 0.05; 160.19E; 0.05, h20km, 8km, n33, ±0.95/59, 1D, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NLC, NLC, NLC, NDLR, UGLR, SMAR, SMAR, KRER, AVH, AVH, AVH, PET, PET, PET, etc.

ISCJB 12:14:32:15.9±0.6, 8.42S; 0.07; 125.5E; 0.1, h10km, mb3.6/2, Error ellipse: s-maj=19.3km s-min=6.5km az=152.0

IDC 12:14:32:19.8±1.7, 8.58S; 124.82E, h0km, mb3.7/2, mb1 4.0/5, mb1mx3.7/18, mbtmp3.8/5, ML3.8/3, Error ellipse: s-maj=94.0km s-min=23.9km az=62.0

AUST 12:14:32:32.6±0.0, 9.15S; 124.45E, h80km, Error ellipse: s-maj=1.5km s-min=1.1km az=251.0

ISC 12:14:32:18.8±0.9, 8.55S; 0.1; 125.4E; 0.1, h10km, n21, ±151/17, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI, MTN, LUWI, KNRA, KDU, FITZ, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MEEK, CMAR, ODAN, TAPN, RAMM, JIRN, JIRN, GUN, PKI, GKN, DANN, MKAR.

IDC 12:15:16:00.2±2.0, 1.64N-100.28E, h147km, 52km, mb3.3/4, mb1 3.4/4, mb1mx3.2/24, mbtmp3.3/4, Error ellipse: s-maj=192.4km s-min=17.4km az=55.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI, PSI, WRA, ASAR, MKAR, ZALV, ZALV, GKN, DANN, MKAR, etc.

mb3.9/18, MS3.4/5, Error ellipse: s-maj=6.0km s-min=4.3km az=137.4

NMC 12:15:17:00.8±1.7, 38.53N; 69.08E, h0km, mb4.5, mpv4.2, Error ellipse: s-maj=13.5km s-min=11.4km az=3.0

MOS 12:15:17:02.8±1.3, 38.23N; 69.48E, h33km, mb4.0/12, Error ellipse: s-maj=10.8km s-min=6.8km az=71.9

ISC 12:15:17:01.3±0.6, 38.36N; 0.06; 69.52E; 0.06, h12km, n77, ±203/68, mb3.9/17, MS3.3/5, 6C-10D, Tajikistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31, KK31, KK31, AAK, AAK, AAK, AAK, AAK, AAK, etc.



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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H03N2 Juan Fernandez, H03N2 Juan Fernandez, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRMI Germi, GRMI Germi, GRMI Bing'ji, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

IDC 12 16:15:15.6:2.4, 20A65:177.94W, h430km, 26gkm, mb3.0/4, mb1 3.2/6, mb1mx3.1/19, mbtmp3.1/6, Error ellipse: s-maj=30.3km s-min=18.1km az=141.0, Fiji Islands region

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

IDC 12 16:15:15.6:2.4, 20A65:177.94W, h430km, 26gkm, mb3.0/4, mb1 3.2/6, mb1mx3.1/19, mbtmp3.1/6, Error ellipse: s-maj=30.3km s-min=18.1km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S1 WAKE ISLAND Hy26.05 270 T, H1S1 WAKE ISLAND Hy26.05 270 T, etc.

IDC 12 17:12:16.9:2.2, 571S:130.48E, h0km, mb4.2/1, mb1 3.6/4, mb1mx3.5/18, mbtmp3.5/4, ML3.1/3, Error ellipse: s-maj=91.8km s-min=27.7km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 12 16:25:46.2: 1.3, 32.780S:0.02:72.00W:0.03, h13km, 9gkm, mb4.2/10, MS3.5/2, Error ellipse: s-maj=5.2km s-min=3.5km az=154.2

IDC 12 16:25:47.0:0.8, 32.780S:71.64W, h0km, mb3.9/7, mb1 4.1/11, mb1mx4.0/19, mbtmp3.8/11, ML4.0/4, MS3.4/3, Ms1 3.4/3, ms1mx3.0/22, Error ellipse: s-maj=22.0km s-min=16.5km az=154.2

NEIC 12 16:25:48.4:4.6, 32.776S:71.71W, h8km, 28gkm, mb4.5/4, Error ellipse: s-maj=18.2km s-min=9.2km az=89.0

GUC 12 16:25:48.6:0.4, 32.778S:71.92W, h15km, 6gkm, ML4.3

ISC 12 16:25:46.9:1.4, 32.775S:0.03:71.74W:0.06, h1km, 9gkm, n65, c085/72, mb4.3/10, SC, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IHA Instituto Hidr, IHA Instituto Hidr, ROCH El Roble, etc.

DDA 12 16:36:20.3: 38.61'N:44.36'E, h2km, ML3.6

ISK 12 16:36:20.3: 38.65'N:44.41'E, h3km, MD3.7, ML3.7

NSSP 12 16:36:21.3: 38.67'N:44.17'E, h5km, Ms3.3

CSEM 12 16:36:23.0: 0.2, 38.64'N:44.18E, h2km, MD3.7, Error ellipse: s-maj=6.6km s-min=4.2km az=106.0

AZER 12 16:36:23.0: 0.1, 38.74'N:44.05E, h0km

ISCN 12 16:36:21.8: 1.1, 38.60'N:0.02:44.37E:0.02, h6km, 8gkm, n54, c1930/85, 8C-14D, Turkey-Iran border region

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

ISCJB 12 17:27:36.6:0.7, 41.5N:0.1:49.71E:0.08, h55km, 3gkm, Error ellipse: s-maj=18.5km s-min=8.4km az=19.9

CSEM 12 17:27:38.1:0.2, 41.40'N:49.64E, h30km, mb3.5, Error ellipse: s-maj=5.2km s-min=4.2km az=135.0

ISC 12 17:27:37.9: 1.2, 41.44'N:0.10:49.67E:0.06, h50km, 5gkm, n10, c1956/18, 1C-3D, Caspian Sea

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

ISCJB 12 17:30:59.0: 0.3, 24.46S:0.05:179.91W:0.06, h505km, mb4.1/18, Error ellipse: s-maj=7.2km s-min=6.0km az=38.5

AUST 12 17:31:00.1:0.0, 24.40S:179.64W, h520km, Error ellipse: s-maj=1.9km s-min=1.2km az=277.0

IDC 12 17:31:00.5: 1.0, 24.49S:179.91E, h500km, 9gkm, mb3.7/17, mb1 3.9/18, mb1mx3.8/22, mbtmp3.7/18, Error ellipse: s-maj=12.3km s-min=9.6km az=160.0

ISC 12 17:31:00.3: 0.4, 24.55S:0.07:179.92W:0.06, h505km, n83, c1918/91, mb4.2/18, 1D, South of Fiji Islands

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

Table of meteorological data for 12d 18h, including station names, coordinates, and various meteorological parameters like wind speed and direction.

Table of meteorological data for 2009 NOV, including station names, coordinates, and various meteorological parameters like wind speed and direction.

Table of meteorological data for 464, including station names, coordinates, and various meteorological parameters like wind speed and direction.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include ASAR Alice Springs, WRA Warrangarr Arr, FITZ Fitzroy Crossi, etc.

BUI 12 19:01:40.9,35:04N,22:52E,h26km,mB4.8/2,mb4.7/12
DDA 12 19:01:41.6,34:47N,23:23E,h25km,MD3.8

ISCJB 12 19:01:43.0,37.4,77N,0.02,23:37E,0.02,h14km,5km,
mb4.4/61,MS3.5/10,Error ellipse: s-maj=3.6km

IDC 12 19:01:43.1,0.5,34.98N,23:33E,h0km,mb4.2/27,
mb1.4/236,mb1mx2.4/26,mbtmp4.2/36,ML3.9/8,MS3.4/12,

HLW 12 19:01:44.3,35.12N,23:47E,h15km,31km,MD4.4,M13.7
CSEM 12 19:01:45.0,34:39N,23:34E,h10km,mb4.4/37,MS3.0,

UCC 12 19:01:45.0,34:83N,23:33E,h10km,ML4.3
ATH 12 19:01:45.9,34:98N,23:41E,h15km,MD3.3/22,ML4.0

NEIC 12 19:01:47.6,35:01N,23:49E,h0km,mb4.4/30,
ML4.1(TH),After THE.

MOS 12 19:01:47.1,2.35,01N,23:39E,h36km,mb4.6/38,Error
ellipse: s-maj=5.6km s-min=3.4km az=88.6

TEH 12 19:01:52.3,35.11N,23:52E,h0km,ML3.9
ISC 12 19:01:45.2,0.6,34.96N,0.03,23:36E,0.02,h15km,3km,

n651,01587/597,mb4.5/61,ML3.3/10,29C-2D,Crete

Table with columns: Code, Station Name, Az, El, P, Res. Rows include GVD Gavidhos, VAM Vamos, ANKY Antikythira Is, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include KYTH Kithira, LAST Lasithi, VLI Veliai, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include NPS Neapolis, APE Apeiranthos, PYL PYLOS, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include PTL Penteli, KARP Karpathos, VILF Villia, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include SLUM Slum, AXAR Agios Charaliam, SMIA Simia, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include SMG Samos, CHOS Chios island, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include AKAS AKAS, OUR Ouranopolis, GOLH Golhisar, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include SWAZ Swaz, KNT Kendrikon, VAY Valandovo, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include NVR Neurokopi, ISP Isparta, MMB Musomiste, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include TIP Timpagegrande, RZD Rozhze, KKB Krupnik, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include HFRF Wahat Farafira, GLL Jalalaih, ANTO Ankara, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include AMAG Maghara, BR131 Keskin Array S, BR131 Keskin Array B, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include RSH RSH, SMTI Salti, MMTAI Mount Meron Ar, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include TIRR Tirusor, TIRR Tirusor, TLB Topalu, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include MLR Muntele Rosu, BZS Buzias, TCHB Talchebab, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include HDKI Dakhia, PRNI Prani, CFR Carcalui, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include PLOR Plostina, PLOP Plostina, VRI Vrincoiaia, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include UDBI Udbina, SARA Sala, SIRA Siria, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include BOJS Bojanci, CRES Cresnje, VISS Visnje, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include BURAR Bucovina Array, BURAR Bucovina Array, BURAR Bucovina Ar, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include MOA Molin, VRAC Vranov, VRAC Vranov, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include FETA Feichten, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include KRLC Kraliky, KRLC Kraliky, KRLC Kraliky, etc.

Table with columns: Code, Station Name, Az, El, P, Res. Rows include DAVA Damuels, DAVA Damuels, MBDF Montbardon, etc.

12d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, AKASG Malin Array Be, PRU Pruhonice, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like VORD Divnogori, TAM Tamnarrasset, VSR Storozevoje, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NAO01 NORSAR Array S, NB2 NORSAR Subarra, NB2 NORSAR Subarra, etc.



12d 19h

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Manna, Palembang, Padang Panjang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI, H08S2, H08S3, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XAN, Nanjing, SSE, etc.

Table of astronomical observations with columns for station name, frequency, and various signal quality metrics.

Table of astronomical observations for the month of November 2009, listing stations like ZAK, USRK, IDAH, and others with their respective frequencies and signal metrics.

Table of astronomical observations for the 12th day and 19th hour, listing stations like VOSK, DZM, and others with their respective frequencies and signal metrics.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists various stations like ITM Ithomi, VLA Vlachokerasia, etc.

ISC 12:20:11:14.4-4.1, 14:175:178:07W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/18, mbtmp3.8/4, Error ellipse: s-maj=181.3km s-min=33.5km az=136.0, Fiji Islands region

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

ISC 12:20:14:03.6-4.5, 15:775:172:87W, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.8/21, mbtmp3.3/5, Error ellipse: s-maj=200.9km s-min=23.3km az=155.0

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

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

CSEM 12:20:17:18.4, 34:94N:23:38E, h12km, MD3.7, After A+3 ATH 12:20:17:18.4, 34:93N:23:39E, h12km, MD3.7/14, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like GVD Gavdhos, VAM Vamos, etc.

ISCJJB 12:20:19:28.6-0.3, 01:64N:01:03:62:55W, 01:03, h87km, 4km, mb3.7/6, Error ellipse: s-maj=5.4km s-min=3.0km az=140.9

TRN 12:20:19:30.8, 10:66N:62:54W, h64km, MD4.0, FUNT 12:20:19:31.2, 10:58N:62:49W, h70km, MV3.5

ISC 12:20:19:35.7-5.2, 11:17N:62:66W, h124km, 35km, mb3.4/6, mb1 3.7/6, mb1mx3.3/25, mbtmp3.4/6, Error ellipse: s-maj=43.5km s-min=26.8km az=18.0

ISC 12:20:19:28.9-0.8, 10:63N:01:03:62:55W, 01:03, h82km, 6km, n39, r151/66, mb3.8/3, 3C-SD, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like GUVI Guiria, GUNV Guanoco, etc.

ISC 12:20:26:08.0-2.9, 21:33S:176:85E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/18, mbtmp3.9/6, MS3.6/1, Ms1 3.6/1, Ms1 mx3.0/28, Error ellipse: s-maj=121.2km s-min=30.1km az=147.0

ISCJJB 12:20:26:12.5-1.3, 21:1S:02:176:6E:02, h33km, mb3.8/5, MS3.4/1, Error ellipse: s-maj=23.8km s-min=21.7km az=143.4

ISC 12:20:26:13.1-1.1, 3:21S:02:176:8E:02, h35km, n9, r154/8, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like DZM Mont Dzumac, URZ Urewera, etc.

ISC 12:20:24:05.5-1.0, 12:05N:144:59E, h0km, mb4.2/11, mb1 4.4/11, mb1mx4.3/24, mbtmp4.2/11, MS3.6/9, Ms1 3.6/9, ms1mx3.3/33, Error ellipse: s-maj=35.4km

s-min=17.5km az=91.0, ISCJJB 12:20:24:08.3-0.6, 12:00N:01:07:144:5E:01, h29km, mb4.3/23, MS3.6/9, Error ellipse: s-maj=16.2km s-min=9.8km az=3.7

NEIC 12:20:24:11.6-1.1, 6:12:02N:144:44E, h38km, 13km, mb4.6/11, Error ellipse: s-maj=13.5km s-min=8.0km az=92.0

ISC 12:20:24:09.9-0.9, 12:1N:01:144:6E:02, h29km, n66, r057/52, mb4.4/23, MS3.5/9, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like GUMO Guam, PMG Port Moresby, H11S3 WAKE ISLAND HY, etc.

ISCJJB 12:20:26:08.0-2.9, 21:33S:176:85E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/18, mbtmp3.9/6, MS3.6/1, Ms1 3.6/1, Ms1 mx3.0/28, Error ellipse: s-maj=121.2km s-min=30.1km az=147.0

ISCJJB 12:20:26:12.5-1.3, 21:1S:02:176:6E:02, h33km, mb3.8/5, MS3.4/1, Error ellipse: s-maj=23.8km s-min=21.7km az=143.4

ISC 12:20:26:13.1-1.1, 3:21S:02:176:8E:02, h35km, n9, r154/8, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like GUMO Guam, PMG Port Moresby, H11S3 WAKE ISLAND HY, etc.

ISC 12:20:26:08.0-2.9, 21:33S:176:85E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/18, mbtmp3.9/6, MS3.6/1, Ms1 3.6/1, Ms1 mx3.0/28, Error ellipse: s-maj=121.2km s-min=30.1km az=147.0

ISCJJB 12:20:26:12.5-1.3, 21:1S:02:176:6E:02, h33km, mb3.8/5, MS3.4/1, Error ellipse: s-maj=23.8km s-min=21.7km az=143.4

ISC 12:20:26:13.1-1.1, 3:21S:02:176:8E:02, h35km, n9, r154/8, mb3.8/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like DZM Mont Dzumac, URZ Urewera, etc.

ISCJJB 12:20:26:15.6-1.2, 3:27S:90N:01:05:141:9E:01, h43km, 13km, mb3.5/2, Error ellipse: s-maj=14.1km s-min=6.2km az=21.4

IDC 12 20:36:17.1s.3.9,37.93N:142.28E,h56km,34km,mb3.3/2, mb1 3.4/4,mb1mx3.1/24,mbtmp3.3/4,ML3.1/1,Error ellipse: s-maj=36.8km s-min=20.3km az=121.0

ISC 12 20:36:16.5s.1.9,37.91N:0.06:141.9E:0.1,h38km,32km, n22,e0.98/26,6D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Ouri, Marumori, Kawauchi, Okura, Ichinoseki, Otama, Shirataka, Kaneyama, Ohasama, Yokujo, Ranaizu, Atsumi, Matsuhiro Arr, Warramunga Arr, Asahikawa, WAKE ISLAND Hy, etc.

IDC 12 20:57:49.0 1.5,27.80S:179.04W,h284km,13km, mb3.4/5,mb1 3.6/6,mb1mx3.4/17,mbtmp3.6/8,Error ellipse: s-maj=59.1km s-min=23.4km az=58.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Raoul Island, Urewera, Mont Dzumac, Alice Springs, Warramunga Arr, Vanda, Chiang Mai Arr, etc.

IDC 12 21:47:20.3s.1.1,10.97S:118.57E,h0km,mb4.0/3, mb1 3.9/6,mb1mx3.7/20,mbtmp3.8/6,ML3.5/3,Error ellipse: s-maj=55.2km s-min=19.9km az=60.0

ISCJB 12 21:47:22.4s.0.4,11.49S:0.04:118.12E:0.0/4,h36km, mb4.0/3,Error ellipse: s-maj=6.2km s-min=4.5km az=138.2

AUST 12 21:47:22.8,11.48S:117.93E,h20km DJA 12 21:47:30.7,0.7,11.5s:11.8e, h30km, M4.3/4, mb5.0/3,MLV4.2/4,MW(mB)4.3/3

ISC 12 21:47:24.6s.0.8,11.48S:0.06:118.14E:0.0/5,h36km,n24, a137/27,mb4.0/3,South of Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Waingapu, Waingapu, Mataram, Labuhan Bajo, Kahang-Kahang, Singaraja, Jajag, Banyuwya, Gumukmas, Banyugulur, Kalianget, Bulukumba, Waingapu, Fitzy Crossi, Kunururra, Giralla, Meeekatharra, Morawa, Warramunga Arr, Ballid, Alice Springs, Kellerberri, Narogin (SRO), Makanchi Array, Zalesovo Beam, etc.

IDC 12 22:34:09.3s.0.8,13.89N:93.12E,h0km,mb3.9/13, mb1 4.0/14,mb1mx3.8/30,mbtmp3.9/14,ML3.9/1,Error ellipse: s-maj=34.0km s-min=15.3km az=52.0

BKK 12 22:34:40.7s.3.6,14.1N:13.9S:95E:3.1,h10km,ML4.0/11, mb4.1/8,mb4.5/2,MLV3.9/11,MW(mB)3.7/2

ISC 12 22:34:10.7s.0.8,14.0N:0.1:93.35E:0.0/9,h10km,n24,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KHAL, SRDT, MHMT, UTHA, CMAR, CHTO, CMMT, PATY, PBKT, CMKI, MKAR, KURBB, ZALV, BVAR, FITZ, AKTO, WRA, ASAR, BRTR, GERES, NOA, TORD, ILAR, NVAR, etc.

NIED 12 22:34:00.28:20N:142.70E,h5km,Mw3.9 Best double couple: M0:93000:1014 NP1:3210.00000:381.00000, 2.104.00000 NP2:3531.00000:817.00000:1.32.00000

IDC 12 22:34:55.2s.2.0,28.26N:142.72E,h35km,ML4.1, mb1 4.0/7,mb1mx3.7/26,mbtmp3.9/7,ML2.3/1,Error ellipse: s-maj=66.7km s-min=15.9km az=91.0

ISCJB 12 22:34:57.7s.1.6,28.22N:0.03:142.6E:0.3,h25km, mb4.0/6,Error ellipse: s-maj=41.8km s-min=4.2km az=179.8

JMA 12 22:34:57.5s.0.1,28.22N:142.72E,h35km,ML4.1 ISC 12 22:34:59.5s.2.0,28.26N:0.05:142.6E:0.4,h25km,n17, a139/19,mb4.1/6,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichi jima, Chichijima, Haha-jima-NKT, Boso 2, JHU, JRY, JAG, USRK, H1N2, H1N1, H1N3, WRA, ZALV, MKAR, KURBB, BVAR, AKTO, etc.

NIED 12 22:40:00.23:70N:122.00E,h44km,Mw4.1 Best double couple: M0:145000:1015 NP1:342.00000:875.00000, 1.129.00000 NP2:150.00000:841.00000:1.23.00000

IDC 12 22:40:11.8s.1.1,23.64N:121.90E,h0km,mb3.6/9, mb1 3.8/9,mb1mx3.6/27,mbtmp3.6/9,Error ellipse: s-maj=34.3km s-min=23.6km az=62.0

ISCJB 12 22:40:15.9s.0.3,23.64N:0.01:121.99E:0.0/1,h24km,2km, mb3.6/10,Error ellipse: s-maj=2.8km s-min=1.9km az=139.7

TAP 12 22:40:17.7,23.69N:121.87E,h37km,ML4.6,B JMA 12 22:40:18.5s.0.2,23.74N:122.02E,h70km,ML4.0

ISC 12 22:40:15.9s.0.7,23.65N:0.02:121.95E:0.02,h24km,5km, n103,e0.94/166,mb3.7/10,27C-12D,Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Jichi Village, HWA, ESF, ESL, ESW, TWD, EHY, EWF, TWF1, EHP, CHKT, WHF, WHF, ENA, ENA, YUS, etc.

Table with columns: YUS, TWT, NNS, TNC, TWC, ELDTW, SMLT, TYC, ENTT, ENTT, ALS, ALS, ILA, ILA, TWG, TWG, NSK, TTN, CHN5, CHN5, WNT, WNT, EGS, TCU, TCU, YOJ, YOJ, YOJ, YOJ, WGK, WGK, WQ1, WQ1, WTP, WTP, WSTP, WSTP, NSTT, NSY, NSY, CHN2, CHN2, TWA, TWA, SGST, SGST, CHN1, CHN1, ECL, ECL, TWK, TWK, CHY, CHY, NWF, NWF, TAP1, TAP1, TAP, TAP, TAP, HSN, HSN, NCU, NCU, TWS1, TWS1, TWS1, WTCT, WTCT, CHN3, CHN3, CHN3, WSF, WSF, TAW, TAW, EAST, EAST, CHN8, CHN8, SGLT, SGLT, TWM1, TWM1, TWM1, LAY, LAY, TWY, TWY, TWY, TWY, SCLT, SCLT. Lists stations like Tachien, Tachien, Nan Shan, Suao, Lidau, Sun Moon Lake, Nioudou, Nioudou, Alishan, Alishan, ilan, ilan, Pinlang, Pinlang, Sanguang, Sanguang, Taichung, Taichung, Yonaguni jima, Yonaguni jima, Yonaguni jima, Yonaguni jima, Gukeng, Gukeng, Liyuan, Liyuan, Ta-pu, Ta-pu, Nanjuang, Nanjuang, Sany, Sany, Minshiang, Minshiang, Mucha, Mucha, Jianshan, Jianshan, Nanshi, Nanshi, Taimai, Taimai, Hsinying, Hsinying, Chiayi, Chiayi, Wu-fen Shan, Wu-fen Shan, Taipei, Taipei, Taipei, Hsinchu, Hsinchu, National Centr, National Centr, Kuoyinshan, Kuoyinshan, Ta-cheng, Ta-cheng, Shinhua, Shinhua, Szu, Szu, Tawu, Tawu, Anshu, Anshu, Yiju, Yiju, Jiou, Jiou, Shoushan, Shoushan, Lan-yu, Lan-yu, Chenhua, Chenhua, Jial, Jial.

Main data table with columns for call sign, frequency, and other details. Includes stations like SCLT, TA1I, HATJ, SCZT, etc.

Table containing specific call signs and frequencies such as KSR5, USR2, GTA, MKAR, ZALV, etc.

Table with columns for Call Sign, Station Name, Frequency, and other parameters. Includes call signs like GVD, YAM, ANWB, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like MSF Maaselka, BREU Bredtraesk, KJN Kajaani, etc.

NIED 13 01:00:00, 41.70N, 145.50E, h5km, Mw3.8 Best double couple: Ms=6.1000, 1014 NP1, 306, 00000, 866.00000, 1-126.00000, NP2, 187.00000, 842.00000, 1-37.00000.

IDC 13 01:00:35.1, 2.6, 41.62N, 145.11E, h0km, mb3.9/12, mb1 4.0/13, mb1mx3.8/29, mbtmp3.9/13, ML3.4/1, Error ellipse: s-maj=65.3km s-min=22.2km az=178.0

JMA 13 01:00:35.0, 0.3, 41.70N, 145.48E, h23km, M3.9 ISCJB 13 01:00:37.4, 0.5, 41.72N, 0.9, 145.26E, 0.09, h27km, mb4 1/26, Error ellipse: s-maj=9.6km s-min=8.7km az=151

NEIC 13 01:00:42.0, 1.3, 41.75N, 145.09E, h47km, mb4.1km, mb3.4/14, Error ellipse: s-maj=10.7km s-min=8.8km az=84.0

ISC 13 01:00:39.6, 0.7, 41.78N, 0.109, 145.25E, 0.09, h27km, n54, 1501/48, mb4.2/26, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like AKK Akkeshi, JOB Onibetsu, JERK Erimo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PMG Port Moresby, EK2S Erkin-Say, KKAR Karatay Array, etc.

IGIL 13 01:04:00.5, 36.79N, 9.65W, h18km, ML1.5 INMG 13 01:04:00.8, 1.0, 36.79N, 9.65W, h23km, 3km, MD2.2, ML1.8, Error ellipse: s-maj=4.6km s-min=3.8km az=59.0 MDD 13 01:04:00.2, 1.3, 36.74N, 9.68W, h43km, 25km, mb3.9/13, Error ellipse: s-maj=11.1km s-min=9.8km az=53.0, PRXIMO CSEM 13 01:04:01.1, 0.3, 36.84N, 9.54W, h30km, ML1.8, Error ellipse: s-maj=5.0km s-min=3.9km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like Vila Bisbo, Marletele, Sao Teotonio, Barranco-de-Ve, Castro Verde, Messejana, Nicolau / Gran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like PMAFR comp=N, 1.0nm, 0.6s, Mafr, Mafr, Mafr, etc.

IDC 13 01:04:48.9, 1.2, 3.51S: 143.92E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.5/18, mbtmp3.4/7, ML3.2/2, MS3.2/2, Ms1 3.2/2, ms1mx2.8/12, Error ellipse: s-maj=41.1km s-min=21.7km az=100.0

ISCJB 13 01:04:52.1, 0.8, 3.67S: 0.10, 144.0E: 0.2, h31km, mb3.4/6, MS3.1/2, Error ellipse: s-maj=23.4km s-min=14.1km

ISC 13 01:04:53.9, 1.1, 3.65S: 0.1, 144.0E: 0.2, h31km, n15, 1538/8, mb3.6/6, Near north coast of New Guinea

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



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Table with columns for horse name, race details, and performance metrics. Includes entries for COYC, PAYG, CHRN, SDV, BCIP, TTP, TBH, TRN, BOT, TPR, TOSP, GRGR, GRW, GRH, GRS, JTS, EFI, FDF, USHA, RCB, RCBR, HMG, PHG, SCG, TAG, DOG, ECG, MLG, CRG, FNG, SSG, RPN, RPN, SEG, TGUH, SKI, CRPR, CELP, LSP, PCJ, SJG, SJG, MTP, HUMP, AOPR, HOJ, CBYP, CBYP, AGP, GWJ, STH, AGPR, MCJ, ANWB, ANWB, MTJD, MTJD, SDDR, SDDR, GTBY, GRTK, GRTK, TEIG, TEIG, PMSA, PMSA, PMSA, BBSR, BBSR, TIGA, TIGA, BRAL, BRAL, BRAL.

Table with columns for horse name, race details, and performance metrics. Includes entries for TRIS, KVXT, LRAL, CNNC, VBMS, VBMS, HKT, HKT, HKT, KMSC, KMSC, ASCN, ASCN, 732A, 534A, CPCT, 632A, SWET, 533A, 631A, 631A, OXF, OXF, OXF, OXF, 434A, 532A, 433A, 433A, VWCC, JCT, JCT, JCT, JCT, BLO, BLO, BLO, 531A, JSRW, WHTX, WHTX, SACV, SACV, SACV, 432A, 530A, 431A, WWT, WWT, WWT, CBN, CBN, UALR, 332A, 628A, HALT, HBAR, HBAR, MIAR, MIAR, MIAR, MIAR, 430A, 627A, 331A, TXAR, TXAR, TXAR, TXAR, TXAR, GNAR, GNAR, 332A, 429A, 528A, PVMO, 330A, 626A, 231A, PARMO, 428A, 527A, ABTX.

Table with columns for horse name, race details, and performance metrics. Includes entries for ABTX, SDMD, 230A, 526A, 329A, 427A, 131A, WCI, WCI, WCI, 229A, 328A, Z32A, USIN, 426A, 130A, MCWV, MCWV, SIUC, SIUC, Z31A, RKT, RKT, RKT, 228A, 326A, 129A, Y32A, BRNJ, X33A, 425A, CPNY, TUL1, TUL1, Z30A, 227A, SSPA, 128A, OLIL, X32A, BLO, BLO, BLO, Y31A, WMOK, WMOK, WMOK, WMOK, W34A, Z29A, Y30A, W33A, ACSO, ACSO, 226B, 127A, Z28A, V34A, X31A, SLM, SLM, SLM, Z27A, Z27A, W32A, Y29A, MNXT, MNXT, MNTX, MNTX, 225A, 126A, V33A, Z26A, Z26A, X29A, W30A, MSTX, MSTX, MSTX, Z26A, ALLY, SFIN.





13d 3h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like W13A Hualapai Mount, O22A Kremmling, U15A North, L26A Underwood Farm, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like GSC Goldstone, H27A Howes, MWC Mount Wilson, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VES Vestal, G23A Biddle, J19A Crowheart, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes stations like C23A Lambert, D21A La Casta Ranch, E20A Meyer Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes stations like K04D Chioquin, OH, KHMM Horse Mountain, BLMT Blacktail Moun, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Date/Time, and other details. Includes stations like MESJ Messejana, MESJ Messejana, PCVE Castro Verde, etc.

Table of flight data for 13d 3h, including columns for flight number, airline, departure time, arrival time, and status. Rows include BOS, USTO, ODJA, SWZ, MAW, etc.

Table of flight data for 2009 NOV, including columns for flight number, airline, departure time, arrival time, and status. Rows include LFF, CTEI, DRV, etc.

Table of flight data for 2009 NOV, including columns for flight number, airline, departure time, arrival time, and status. Rows include GELF, Grande-Etoile, Hermonceux, etc.



Table with columns for location, date, time, and various codes. Includes entries like NOA NORSAR Array B102.86, NOA comp=Z,10nm,1.0s, etc.

Table with columns for location, date, time, and various codes. Includes entries like KWP Kalwaria Pacla 106.57, KWP Kalwaria Pacla 106.57, etc.

Table with columns for location, date, time, and various codes. Includes entries like CSS comp=Z,13um,19.0s, ANTO Ankara 112.18, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ, Khabaz, GOF, AKH, STKA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BANOM, ASAR, Alice Springs, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, Zalesovo Beam, CLNS, etc.

13d 3h

Table containing station and meteorological data for the first half of the page, including stations like URSK, JCJ, CBJ, HIA, MMR, etc., with various data columns for location, time, and weather conditions.

2009 NOV

Table containing station and meteorological data for the second half of the page, including stations like HHC, HHC, HHC, BJI, BJI, BJI, etc., with various data columns for location, time, and weather conditions.

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Table containing station and meteorological data for the third half of the page, including stations like KHLT, KHLT, SSSL, SRDT, etc., with various data columns for location, time, and weather conditions.

Technical text or notes, possibly related to meteorological data or station information, including coordinates and station identifiers.

Table containing station and meteorological data for the bottom half of the page, including stations like KRLR, KRLR, KRLR, etc., with various data columns for location, time, and weather conditions.



Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GHIR, ISAD, IMOG, IPAY, etc.

IDC 13 03:08:08.0, 0.28, 71N, 58.64E, h0km, mb4.0/19, mb1.4/21, mb1mx4.1/35, mbtmp4.0/21, MS5.2/2, Ms1.5/3.2, ms1mx3.9/46, Error ellipse: s-maj=19.5km s-min=14.5km az=13.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GTA, Gaotai, PSZ, CMAR, etc.

IDC 13 03:08:59.5, 1.9, 638S, 129.33E, h0km, mb4.2/1, mb1.4/2.3, mb1mx3.8/18, mbtmp4.0/3, ML4.0/2, Error ellipse: s-maj=14.5km s-min=29.9km az=68.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TLE, FAKI, SWI, MTN, etc.

MDD 13 03:17:20.7, 1.1, 35.74N, 7.01W, h19km, 15km, mbLg3.0/23, Error ellipse: s-maj=15.6km s-min=4.6km az=18.0, PRXIMO

CSEM 13 03:17:21.6, 0.2, 35.92N, 6.93W, h18km, ML3.0, Error ellipse: s-maj=4.9km s-min=2.5km az=22.0

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

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like EGRO, EMIN, PFVI, PCVE, MORF, PTEO, PBEJ, PBAR, ECAB, ECAD, PNCL, ELUO, EVO, EBAD, EGUA, EADA, EPESTR, ECOG, EQUE, PACT, PMT, PMST, EBER, PMRV, PMAFR, EQES, and PTOM.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like PTOM, PCBR, PCAB, HUESCAR, EHUE, EPLA, PCAS, ESDC, EMD, EMD2, EMD3, EMD4, EMD5, EMD6, EMD7, EMD8, EMD9, EMD10, EMD11, EMD12, EMD13, EMD14, EMD15, EMD16, EMD17, EMD18, EMD19, EMD20, EMD21, EMD22, EMD23, EMD24, EMD25, EMD26, EMD27, EMD28, EMD29, EMD30, EMD31, EMD32, EMD33, EMD34, EMD35, EMD36, EMD37, EMD38, EMD39, EMD40, EMD41, EMD42, EMD43, EMD44, EMD45, EMD46, EMD47, EMD48, EMD49, EMD50, EMD51, EMD52, EMD53, EMD54, EMD55, EMD56, EMD57, EMD58, EMD59, EMD60, EMD61, EMD62, EMD63, EMD64, EMD65, EMD66, EMD67, EMD68, EMD69, EMD70, EMD71, EMD72, EMD73, EMD74, EMD75, EMD76, EMD77, EMD78, EMD79, EMD80, EMD81, EMD82, EMD83, EMD84, EMD85, EMD86, EMD87, EMD88, EMD89, EMD90, EMD91, EMD92, EMD93, EMD94, EMD95, EMD96, EMD97, EMD98, EMD99, EMD100.

Table with columns for station name, coordinates, elevation, and other technical data. Includes stations like ESL, ILA, TWE, ENT, ENT2, JKR, NNS, WHF, WHF2, EHY, NWF, WTW, NSK, TWA, TWA2, JIJ, CHKT, CHKT2, TAP, SML, SML2, TWS, YUS, TYC, NSTD, ELDT, ELDT2, ALS, ALS2, TQW, TQW2, NSY, WNT, TCU, TCU2, TWG, TWG2, CHN, CHN2, CHY, CHY2, HEN, HEN2, TWK, TWK2, WTT, WTT2, EAST, TWM, SCZ, JMJ, TSEB, TSEB2, HEN3, TWK3, JOGS, JOGS2, WTP, WTP2, WDT, WDT2, PNG, PNG2, KNM, KNM2, JKE, JKE2, MKAR, MKAR2, WRA, WRA2, ASAR, ARCES.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCH Arica, PB01 Plate Boundary, PB09 Plate Boundary, LPAZ La Paz, etc.

ISC 13 04:17:48.9±4.2, 177.15N, 177.52W, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.8/18, mbtmp3.4/4, Error ellipse: s-maj=181.0km s-min=33.0km az=139.0, Fiji Islands region

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

ISCJUB 13 04:35:34.9±0.8, 14°21'N, 099°09'W, h27km, 8km, mb3.5/2, Error ellipse: s-maj=16.3km s-min=5.2km az=27.0

MEX 13 04:35:37.8±0.8, 14°02'N, 92°21'W, h25km, 119km, MD3.7 CASC 13 04:35:37.7±1.8, 14°20'N, 91°75'W, h59km, 19km, MD3.6

ISC 13 04:35:40.4±3.5, 14°53'N, 91°43'W, h92km, 31km, mb3.1/2, mb1 3.5/5, mb1mx3.3/24, mbtmp3.2/5, Error ellipse: s-maj=71.0km s-min=20.5km az=51.0

ISC 13 04:35:37.1±1.0, 14.25°N, 099.91°W, h70km, 8km, n19, r163/27, 1C, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAT Jato, THIG Retiro, PCG Pacaya, NBG Las Nubes, APG El Apazote, etc.

ISC 13 04:37:37.2±1.2, 22°10'S, 170°44'E, h0km, mb3.7/5, s-maj=121.3km s-min=25.3km az=153.0

NOU 13 04:37:41.9±1.6, 22°19'S, 170°37'E, h10km, MD3.4, ML2.6 ISCJUB 13 04:37:43.4±1.2, 22°05'O, 170°3E, 0.1, h51km, mb3.7/5, Error ellipse: s-maj=53.1km s-min=11.6km az=168.3

ISC 13 04:37:45.1±1.5, 22.05°S, 170.3E, 0.2, h51km, n11, r108/12, mb3.7/5, Southeast of Loyalty Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DANN Danginging, GUN Gumba, KKN Kkan, JIRN Jiri, DMN Daman, etc.

ISCJUB 13 05:22:24.8±3.1, 81°3N, 0°8'120.0E±1°0, h10km, mb3.8/6, Error ellipse: s-maj=117.1km s-min=17.6km az=174.4

ISC 13 05:22:24.9±3.5, 81°32'N, 119°88'E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.5/27, mbtmp3.7/5, Error ellipse: s-maj=134.0km s-min=21.0km az=174.0

ISC 13 05:22:26.8±3.2, 81°4N, 0°8'119.7E±0.2, h10km, n6, r120/12, mb3.8/6, East of Severaya Zemlya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, INK Inuvik, ILAR Eielson Array, AKASA Malin Array B, etc.

MAN 13 05:30:38.9±62N, 126°25'E, h1km, mb4.2, ML3.0, MS2.7, 2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, CGP Cagayan de Oro, BUKP Busuanga, BAGP Pagadian.

ISC 13 05:44:08.7±59.0, 21°40'S, 179°53'W, h0km, mb4.1/3, s-maj=1069.0km s-min=151.2km az=84.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMSA Cobar Meteorol, QLP Quiulipe, STKA Stephens Creek, STKA Stephens Creek, HTT Hallett, etc.

ISCJUB 13 05:47:49.7±0.8, 19°56'S, 0°04'70°59'W, 0°08, h44km, mb3.9/5, Error ellipse: s-maj=10.3km s-min=6.3km az=175.6

GUC 13 05:47:49.6±0.4, 19°54'S, 70°62'W, h30km, 6km, ML4.2 ISC 13 05:47:55.8±3.2, 19°53'S, 70°27'W, h83km, 29km, mb3.6/5, mb1 3.8/8, mb1mx3.6/21, mbtmp3.7/8, MS3.4/1, Ms1 3.5/1, ms1mx3.1/26, Error ellipse: s-maj=33.4km s-min=20.1km az=91.0

ISC 13 05:47:51.1±0.9, 19°54'S, 0°05'70°54'W, 0°09, h44km, n26, r121/19, mb3.8/5, 2C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSGC Pisagua, HMBC Humberton, HMBC Humberton, MNMC Minimimi, ARCH Arica, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC El Rosal, SNAW Sanaw, TORO Torodi Arr, H11S2 WAKE ISLAND Hy26.09 279 T, etc.

ISC 13 06:11:37.1±0.9, 6°18'S, 151°70'E, h0km, mb4.0/8, mb1 4.3/9, mb1mx4.1/18, mbtmp4.0/9, ML3.1/1, MS3.2/1, Error ellipse: s-maj=17.0km az=125.0

NEIC 13 06:11:42.7±0.6, 6°17'S, 151°65'E, h35km, mb4.4/3, Error ellipse: s-maj=26.5km s-min=10.7km az=128.0

AUST 13 06:12:12.3±1.4, 5°08'S, 153°24'E, h625km, 1km, Error ellipse: s-maj=2.6km s-min=1.9km az=5.0

ISC 13 06:11:43.5±0.8, 6°25'±0.2, 151.7E±0.2, h41km, n32, r154/31, mb4.1/10, New Britain region

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

MAN 13 05:30:38.9±62N, 126°25'E, h1km, mb4.2, ML3.0, MS2.7, 2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUTP Butuan, CGP Cagayan de Oro, CGP Cagayan de Oro, BUKP Busuanga, BAGP Pagadian.

ISC 13 05:44:08.7±59.0, 21°40'S, 179°53'W, h0km, mb4.1/3, s-maj=1069.0km s-min=151.2km az=84.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMSA Cobar Meteorol, QLP Quiulipe, STKA Stephens Creek, STKA Stephens Creek, HTT Hallett, etc.

ISCJUB 13 05:47:49.7±0.8, 19°56'S, 0°04'70°59'W, 0°08, h44km, mb3.9/5, Error ellipse: s-maj=10.3km s-min=6.3km az=175.6

GUC 13 05:47:49.6±0.4, 19°54'S, 70°62'W, h30km, 6km, ML4.2 ISC 13 05:47:55.8±3.2, 19°53'S, 70°27'W, h83km, 29km, mb3.6/5, mb1 3.8/8, mb1mx3.6/21, mbtmp3.7/8, MS3.4/1, Ms1 3.5/1, ms1mx3.1/26, Error ellipse: s-maj=33.4km s-min=20.1km az=91.0

ISC 13 05:47:51.1±0.9, 19°54'S, 0°05'70°54'W, 0°09, h44km, n26, r121/19, mb3.8/5, 2C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMPI Kaimana, TLE Tual, TLE Tual, FAKI Fak Fak, FAKI Fak Fak, MWPI Makawari, etc.



Table with columns for horse ID (e.g., OXF), name (e.g., comp-Z,146nm,0.6s), odds (e.g., 57.42 335), and performance details (e.g., eP P).

Table with columns for horse ID (e.g., 230A), name (e.g., Sterling City), odds (e.g., 60.89 324), and performance details (e.g., P).

Table with columns for horse ID (e.g., U32A), name (e.g., Winter Ranch), odds (e.g., 63.26 329), and performance details (e.g., P P).



13d 7h

Table of horse race results for 13 days and 7 hours, listing race identifiers (e.g., ARUT, C30A), horse names (e.g., Antelope Range, Mose, Pekin), jockey names, odds, and finishing positions.

2009 NOV

Table of horse race results for November 2009, listing race identifiers (e.g., D25A, C26A), horse names (e.g., Fairfield, Wainery Farm), jockey names, odds, and finishing positions.

494

Table of horse race results for 494 races, listing race identifiers (e.g., B23A, YMR), horse names (e.g., Brockton, Madison River), jockey names, odds, and finishing positions.



Table with columns for station call letters, name, frequency, and other technical details. Includes stations like PESTR, PCAS, BEK, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like ESDC, ESDC, ESDC, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like B06A, E03A, E03A, etc.

Table of astronomical observations for 13d 7h, listing stations like FLN, LDF, YRC, LASF, TCF, etc., and their respective observations with coordinates and signal-to-noise ratios.

Table of astronomical observations for 2009 NOV, listing stations like VSL, EAB, ECK, ESK, etc., and their respective observations with coordinates and signal-to-noise ratios.

Table of astronomical observations for 2009 NOV, listing stations like BFO, DAVOX, DAVOX, etc., and their respective observations with coordinates and signal-to-noise ratios.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VRAC, UPC, Ulice, Dobruska-Polom, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASF, Jabal al Asfar, SOG, Sochi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURBB, Kurchatov Arra, KURBB, etc.

13d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Chita, Zakamensk, Jabalpur, Ermo, Hialar, Koldanda, etc.

2009 NOV

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

498

Table with columns for station name, frequency, power, and other technical details. Includes stations like EGRO El Granado, EGRO El Granado, EGRO El Granado, etc.

MDD 13 07:29:12.1±2.3, 38°14'N:13°38'W, h0km, mb3.6/6, Error ellipse: s-maj=21.0km s-min=18.5km az=170.0, PRXIMO INMG 13 07:29:13.7±1.2, 38°09'N:13°8'W, h10km, ML2.6, Error ellipse: s-maj=9.5km s-min=6.2km az=99.0 CSEM 13 07:29:14.8±0.4, 38°18'N:13°13'W, h10km, ML2.0.5, Error ellipse: s-maj=7.7km s-min=7.0km az=14.0

ISC 13 07:29:12.7±3.7, 38°20'N:07°13'3W±0.2, h10km, n71, r15/11/12, Azores-Cape St. Vincent Ridge

IDC 13 07:33:01.2±1.1, 14°13'N:145°60'E, h0km, mb3.6/5, m1 3.8/5, m1mx3.6/24, mbtmp3.6/5, MS3.7/1, Ms1 3.6/1, ms1mx2.2/33, Error ellipse: s-maj=57.3km s-min=19.6km az=98.0, Mariana Islands

IDC 13 07:53:08.1±0.7, 19°55'S:70°38'W, h27km, 4km, mb3.9/9, m1 4.2/11, m1mx4.1/20, mbtmp4.2/11, ML4.6/2, MS3.5/2, Ms1 3.5/2, ms1mx3.0/24, Error ellipse: s-maj=21.1km s-min=15.6km az=59.0

GUC 13 07:53:08.2±0.6, 19°64'S:70°58'W, h40km, 4km, ML4.6 BUI 13 07:53:09.3, 20°06'S:70°43'W, h41km, mB5.2/2, Ms7 4.8/3

NEIC 13 07:53:09.7±0.4, 19°67'S:70°53'W, h35km, mb4.5/15, Error ellipse: s-maj=14.4km s-min=8.4km az=65.0 IDC 13 07:53:08.7±0.6, 19°60'S:073°04'W±0.6, h29km, 3km, h29km, p-P, n77, r167/83, mb4.5/21, 2C-4D, Near coast

Table with columns for station name, frequency, power, and other technical details. Includes stations like WARRAMUNGA ARR, ASAR, STKA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like Villa Florida, Paso Flores, Warramunga Arr, etc.

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

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

ISC 13 08:11:25.1+1.2, 7.15N:0.1, 106.9E:0.1, h10km, n10, r:29/6, mb3.4/3, Jawa

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

MEX 13 08:14:38.8-0.7, 17.77N-103.12W, h13km, 2.1km, MD3.5, Near coast of Michoacan

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

ISC 13 08:22:08.6-4.1, 20.53S:70.11W, h0km, mb3.5/1, mb1 3.5/2, mb1mx3.4/18, mbtmp3.5/2, ML3.3/1, Error ellipse: s-maj=134.9km s-min=63.1km az=98.0, Near coast of northern Chile

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

ISC/B 13 07:59:51.1+1.1, 47.5S:0.1, 102.7E:0.3, h10km, mb3.9/6, MS4.0/5, Error ellipse: s-maj=33.7km s-min=15.7km az=28.5

ISC 13 08:59:52.8-1.1, 47.5S:0.2, 102.7E:0.2, h10km, n16, r:1933/11, mb3.8/6, MS4.0/5, Southeast Indian Ridge

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like H08S1, H08S3, SNA, etc.

ISC 13 09:01:04.9-0.3, 31.53N:47.16E, h0km, CSEH 13 09:01:07.4-0.3, 30.95N:47.14E, h2km, ML3.7, Error ellipse: s-maj=10.1km s-min=6.2km az=66.0

KISR 13 09:01:08.2-0.6, 30.80N:47.20E, h13km, 2km, ML3.2, Iran-Iraq border region

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

ISC/B 13 09:05:50.9-0.4, 30.39N:0.05:138.9E:0.1, h423km, 10km, mb3.1/6, Error ellipse: s-maj=20.5km s-min=6.5km az=163.3

ISC 13 09:05:51.5-1.0, 30.37N:138.83E, h405km, 14km, mb2.9/6, mb1 3.0/9, mb1mx2.9/26, mbtmp2.9/9, Error ellipse: s-maj=23.2km s-min=12.8km az=69.0

JMA 13 09:08:53.2-0.2, 30.40N:138.99E, h403km, M3.4, ISC 13 09:08:51.6-0.8, 30.36N:0.07:138.9E:0.2, h410km, 13km, n29, r:133/37, mb3.1/6, Southeast of Honshu

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

ISC 13 08:22:08.6-4.1, 20.53S:70.11W, h0km, mb3.5/1, mb1 3.5/2, mb1mx3.4/18, mbtmp3.5/2, ML3.3/1, Error ellipse: s-maj=134.9km s-min=63.1km az=98.0, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like BSO1, BSO3, etc.

ISC/B 13 09:33:43.7-0.7, 18.14N:0.03:145.71E:0.02, h139km, 6km, mb4.9/167, Error ellipse: s-maj=4.3km s-min=3.7km az=170.5

BKK 13 09:33:44.2-1.3, 18.1N:8.14E:1.3, h137km, 11km, MS.4/13, MB5.4/7, MB5.3/13, MLV5.9/1, Mw(MB)4.8/7, Mw5.8/1

BUI 13 09:33:44.1, 18.10N:145.70E, h142km, mb5.0/36, mb4.9/45

MOS 13 09:33:45.2-1.2, 18.13N:145.46E, h166km, mb4.9/37, Error ellipse: s-maj=9.4km s-min=6.1km az=98.1

NEIC 13 09:33:46.2-1.0, 18.09N:145.72E, h153km, 9km, mb4.9/100, Error ellipse: s-maj=5.1km s-min=4.5km az=125.0

ISC 13 09:33:47.5-0.6, 18.13N:145.69E, h176km, 5km, mb4.6/30, mb1 4.6/32, mb1mx4.6/37, mbtmp5.0/32, MS3.7/10, Ms1 3.7/10, ms1mx3.5/38, Error ellipse: s-maj=9.7km s-min=6.2km az=85.0

DJA 13 09:33:48.0-1.6, 18.1N:12.14E:1.6, h152km, 12km, MS.1/6, MB5.3/4, mb5.3/6, Mw(MB)7.1/4

GCMT 13 09:33:50.5:0.3, 187.17N:145.83E, h148km,2km,MW5.2, Moment Tensor Solution, s22.c27: s86,c136: Moment tensor: Scale 10^16Nm, Mrr-0.50L:25; Mth0.09:22; Mtt-5.60L:23; Mss2.22L:18; Mss2.04L:25; Mss3.97L:18; Best double couple: M7.70000x10^16 NP1.0x217.00000, delta.00000, lambda-144.00000. NP2.0x124.00000, delta.54.00000, lambda-5.00000. Principal axes: T 7.5800, Plg22.0000, Azm344.0000; N 0.2300, Plg54.0000, Azm22.0000; P -7.8100, Plg28.0000, Azm86.0000; Data Used: II U I G C N C U.

ISC 13 09:33:46.3:0.3, 187.10N:145.72E:0.04, h158km,2km, 1158km,pP, P, n579, s1547/65.4, mb4.9/167, 111C-116D, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC, Res. Rows include stations like GUMO Guam, Chichi jima, Matsushiro Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC, Res. Rows include stations like BINTULU Bintulu, PETK Petropavlovsk, SBUM Sibutu, etc.

Table with columns: Station Name, Azimuth, Phase ID, ISC, h, m, s, ISC, Res. Rows include stations like NOUC Port Laguerre, DZM Mont Dzumac, GATA Gaotai, etc.

Table of race results for 501, listing names like KURK, IMO4, KURBB, SEW, BPAW, TRF, PMR, MCK, etc., with columns for race number, name, time, and other details.

Table of race results for 2009 NOV, listing names like TDL, LON, LON, ALE, KHMM, WPM, HUMO, etc., with columns for race number, name, time, and other details.

Table of race results for 13d 9h, listing names like BGV, YMR, C19A, BELC, GMRC, etc., with columns for race number, name, time, and other details.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WUAZ Wupaki, D24A Glendive, I22A 9 Mile Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G28A Parade, V22A San Miguel Ran, 120A U Bar Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LCO Las Campanas, LVC Limon Verde, LPAZ La Paz, etc.

CSEM 13 09:37:47.1, 34:14N:23:23'E, h5km, MD3.9, After ATH

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LAST Lasithi, LAST Lasithi, KYTH Kithira, etc.

Bul 13 09:55:26.0, 31:89N:118:97'E, h6km, ML3.5/7, Southeastern China

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NJ2 Nanjing, SSE Sheshan, WHN Wuhan, etc.

IDC 13 10:00:39.2, 3.0, 64:67N:31:21'E, h0km, mb1 3.0/3, mb1mx2.9/27, mbmp2.9/3, ML2.6/3, Error ellipse: s-maj=46.0km s-min=10.6km az=98.0

CSEM 13 10:00:40.9, 64:84N:30:74'E, h0km, ML 1.8, Mining explosion, After HEL

HEL 13 10:00:40.9, 1.0, 64:84N:30:74'E, h0km, ML 1.8, Explosion

ISC 13 10:00:38.7, 1.5, 64:78N:0:04, 30:88E:0:09, h0km, n21, s=154:33, Finland-Karelia border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KU6 Rieki, KU6 Rieki, MSF Maaselka, etc.



comp=Z,0.5nm,0.3s,baz=156,slow=23,SNR=3.8  
NOA NORSTAR Array B 9.70 256 Pn Pn 10 02 57.4 -2.0  
comp=Z,0.1nm,0.3s,baz=56,slow=12,SNR=3.3

AUST 13 10:33:49.9,2.1,5.00N,126.58E,h41km,Error ellipse:  
s-maj=3.2km s-min=1.1km az=226.0  
ISCJB 13 10:34:28.7,0.7,2.65N,0.07E,128.82E,0.08,h200km,  
mb3.8/6,Error ellipse: s-maj=11.0km s-min=10.3km  
az=152.0  
IDC 13 10:34:32.0,2.6,2.53N,128.59E,h220km,27km,mb3.5/7,  
mb1.3/7,mb1mx3.4/22,mbtmpp3.5/7,Error ellipse:  
s-maj=44.7km s-min=11.9km az=84.0  
DJA 13 10:34:33.2,3.0,3.1N,36.33E,12.9E,1.3,h211km,14km,  
M4,1/5,mb4.9/3,mb4.4/5,MLV4.0/1,Mw(mb)4.2/3  
ISC 13 10:34:30.4,0.9,2.65N,0.10E,128.7E,0.1,200km,n22,  
+f16B/22,mb4.0/6,Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TNTI Ternate, KMSI Cibinong, GTOI Gorontalo, FAKI Fak Fak, etc.

CSEM 13 11:02:41.5, 43.40N, 122.99E, h8km, MD2.0/4, After ROM  
ROM 13 11:02:41.5, 0.1, 43.40N, 122.99E, h8km, 4km, Md2.0/4, 2C,  
Error ellipse: s-maj=5.8km s-min=1.2km az=42.0,

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

CSEM 13 11:03:37.4, 0.1, 42.28N, 133.57E, h2km, ML2.8/8, Error  
ellipse: s-maj=3.0km s-min=2.1km az=69.0  
ROM 13 11:03:37.0, 0.1, 42.25N, 133.56E, h8km, 1km, Md2.9/19,  
M12.6/12, 1C, Error ellipse: s-maj=1.1km s-min=0.8km  
az=57.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AQU L'Aquila, AQU L'Aquila, AQU L'Aquila, etc.

Table with columns: RNI2, MIDA, MIDA, MIDA, FDMO, FDMO, GUMA, GUMA, CESI, CESI, CING, CING, NVLJ, NVLJ, ABTA, ABTA. Includes station names like Rionero Sannit, Miranda, etc.

ISCJB 13 11:20:58.9, 0.7, 33.9N, 0.1, 137.0E, 0.1, h381km, 8km,  
mb3.2/5, Error ellipse: s-maj=17.8km s-min=13.7km  
IDC 13 11:20:59.8, 1.4, 33.77N, 136.85E, h371km, 14km, mb3.0/5,  
mb1.3/0.9, mb1mx2.8/30, mbtmpp2.9/9, Error ellipse:  
s-maj=30.1km s-min=16.6km az=75.0  
JMA 13 11:20:59.0, 0.5, 33.67N, 136.99E, h377km, 5km, M3.3  
ISC 13 11:20:59.7, 0.1, 33.93N, 0.1, 136.91E, 0.10, h372km, 11km,  
n17, +f945/24, mb3.1/5, Near south coast of western  
Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JNY Yasuko, JRY Ryogami san, JRY Hanno, etc.

IDC 13 11:42:04.9, 3.1, 4.61S, 151.59E, h0km, mb3.7/3,  
mb1.4/0.3, mb1mx3.6/18, mbtmpp3.8/3, Error ellipse:  
s-maj=109.8km s-min=44.1km az=120.0, New Britain

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Alice Springs, FITZ Fitzroy Crossi, etc.

MEX 13 11:55:30.8, 0.9, 16.64N, 95.01W, h136km, 19km, MD3.7,  
Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HUIG Huatulco, VHO Vista Hermosa, VHO Vista Hermosa, etc.

CSEM 13 12:04:46.6, 62.37N, 25.73E, h0km, ML1.1, Mining  
explosion, After HEL  
HEL 13 12:04:46.6, 0.6, 62.37N, 25.73E, h0km, ML1.1,  
Explosion, Finland

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

JMA Fell II J1,  
MOS 13 12:09:05.1, 1.0, 37.22N, 142.14E, h43km, mb4.7/27, Error  
ellipse: s-maj=9.5km s-min=6.8km az=111.9  
NEIC 13 12:09:06.7, 0.8, 37.20N, 142.08E, h38km, 7km, mb4.7/12,  
MW4.2(NIED), Error ellipse: s-maj=8.0km s-min=5.9km  
az=109.0  
NEIC Recorded [2 JMA] in Fukushima and [1 JMA] in Miyagi.  
IDC 13 12:09:07.9, 2.5, 37.17N, 141.96E, h50km, 21km, mb3.8/17,  
mb1.4/0.22, mb1mx4.0/30, mbtmpp3.9/22, ML3.6/5, MS3.5/15,  
M3.1, 3.6/15, ms1mx3.4/37, Error ellipse: s-maj=17.5km  
s-min=13.5km az=125.0  
ISC 13 12:09:04.0, 1.0, 37.21N, 142.07E, 0.04, h19km, n143,  
+0897/148, mb4.5/43, MS3.8/11, 6C-11D, Off east coast of  
Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JFK Kawachi, ONAJ Iwakimizuishiy, JMM Marumori, etc.

13d 12h

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NVS, MK31, KURK, RAMN, etc.

2009 NOV

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GERES, TXAR, TORO, LPAZ, etc.

504

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KSRS, KSRB, KSRJ, etc.

Table of station data for 505, including columns for call sign, frequency, power, and coordinates.

Main table of station data for 2009 NOV, including columns for call sign, frequency, power, and coordinates.

Table of station data for 13d 13h, including columns for call sign, frequency, power, and coordinates.

13d 14h

2009 NOV

506

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists various stations and their coordinates and phases.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like FINES, HFS, EKA, VRAC, GERS, FRB, MLR, BVAR, KURBB, ILAR, MKAR, AAK, TARD, ASAR, ALICE.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations under 'Kamchatka Peninsula' such as KZV, TUMR, MKZ, KMN, BZMR, KIRR, KPT, KOZ, KLY, KLY, SRDR, ESO, BDR, BDR, SMKR, SRKR, KBTR, NLC, SLD, KRE, KRER, SMAR, GNL, AVH, AVH, UGLR, PET, BKT, BKT, RUS, RUS, MTRV.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like WRA, ASAR, ILAR, NVAR.

IDC 13 13:45:03.2.8.7.46S:1.12:90E, h0km, mb3.5/4, mb1 3.5/4, mb1mx3.6/23, mbtmp3.6/4, Error ellipse: s-maj=179.6km s-min=22.7km az=111.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like WRA, ASAR, ILAR, NVAR.

IDC 13 13:45:03.2.8.7.46S:1.12:90E, h0km, mb3.5/4, mb1 3.5/4, mb1mx3.4/19, mbtmp3.5/4, Error ellipse: s-maj=171.5km s-min=22.8km az=50.0

IDC 13 13:45:15.0.6.8.33S:0.1:112.20E:0.04, h133km, mb3.4/4, Error ellipse: s-maj=21.9km s-min=6.2km az=4.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like KRKI, KRKI, PWJI, PWJI, SJJ, PACITAN, PCJI, GUMUKMAS, GMJI, GMJI, NGJI, BLJI, BLJI, UGM, JAGI, JAGI, ABJI, KMMI, SRBI, SRBI, WRA, ASAR, MKAR, ZALV.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like WRA, ASAR, MKAR.

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

Table with 5 columns: ARIG, Puento Sto Nin, 0.91 18 eP, Pg, 14 17 08.6 -2.6

ISCJJB 13 14:46:50.4-0.9,59.0S:0.1x25.1W:0.2,h18km,mb3.9/5, Error ellipse: s-maj=25.4km s-min=12.0km az=147.6

ISC 13 14:46:50.6-1.0,58.66S:25.16W,h0km,mb3.9/5, mb1 4.0/6,mb1mx3.8/18,mbtmp3.9/6,ML4.1/1,MS2.4/1, Ms1 2.4/1,ms1mx2.3/23, Error ellipse: s-maj=38.0km s-min=26.4km az=10.0

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

ISCJJB 13 15:14:45.5-1.2,15.9S:0.3x178.5E:0.2,h10km,mb4.2/5, Error ellipse: s-maj=48.9km s-min=16.9km az=141.7

ISC 13 15:14:46.2-1.9,15.48S:178.18E,h0km,mb4.3/5, mb1 4.6/5,mb1mx4.2/16,mbtmp4.3/5, Error ellipse: s-maj=111.4km s-min=23.2km az=144.0

AUST 13 15:15:45.1-3.0,17.13S:177.72E,h568km, Error ellipse: s-maj=3.9km s-min=2.4km az=14.0

ISC 13 15:15:45.1-1.6,16.0S:0.5x178.8E:0.4,h10km,n22, s1545/16,mb3.8/5, Fiji Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

ISCJJB 13 15:19:37.8-1.7,61.2S:0.1x21.7W:0.8,h10km,mb4.1/5, MS3.4/3, Error ellipse: s-maj=58.6km s-min=15.0km az=173.4

ISC 13 15:19:38.7-1.8,61.01S:21.78W,h0km,mb4.2/5, mb1 4.1/5,mb1mx3.9/16,mbtmp4.1/5,MS3.4/3,Ms1 3.3/3, ms1mx3.1/24, Error ellipse: s-maj=77.1km s-min=33.3km az=92.0

ISC 13 15:19:40.6-1.6,61.1S:0.1x21.4W:0.4,h10km,n12, s1307/0,mb4.2/5,MS3.4/3, East of South Sandwich Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

ISC 13 15:28:52.5-1.3,3.73N:127.08E,h0km,mb3.8/6, mb1 4.0/6,mb1mx3.8/20,mbtmp3.9/6, Error ellipse: s-maj=96.3km s-min=19.4km az=70.0

ISCJJB 13 15:28:57.7-1.2,3.6N:0.2x126.7E:0.6,h48km,mb3.8/6, Error ellipse: s-maj=92.9km s-min=18.0km az=161.4

ISC 13 15:28:59.4-1.3,3.6N:0.2x126.9E:0.6,h48km,n6,c0584/6, mb3.8/6, Talaud Islands

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

IDC 13 15:48:28.8-1.3,88.82N:22.00E,h0km,mb3.6/5, mb1 3.5/8,mb1mx3.4/27,mbtmp3.4/8,ML2.9/3,MS2.8/1, Ms1 2.8/1,ms1mx2.2/30, Error ellipse: s-maj=24.2km s-min=18.5km az=109.0

ATH 13 15:48:30.3,38.86N:21.99E,h19km,MD3.4/27,ML3.3 CSEM 13 15:48:30.5-0.1,38.82N:22.00E,h8km,MD3.4, Error ellipse: s-maj=2.5km s-min=2.0km az=86.0

THE 13 15:48:30.4,38.82N:21.97E,h17km,ML3.5/12, Error ellipse: s-maj=0.6km s-min=0.4km az=286.0

ISCJJB 13 15:48:30.5-0.2,38.84N:0.01x21.97E:0.02,h16km,2km, mb3.4/5, Error ellipse: s-maj=2.8km s-min=2.0km az=3.6

BE0 13 15:48:32.0-1.1,38.88N:22.07E,h0km,ML3.2/5 TIR 13 15:48:38.0,39.95N:22.16E,h8km,ML3.5 SOF 13 15:48:44.1,39.76N:22.75E,h2km,MD2.8

ISC 13 15:48:30.3-0.8,38.83N:0.01x21.98E:0.01,h14km,5km, n235,c1903/297,mb3.5/5, Greece

Table with 5 columns: Code, Station Name, Az, Phase ID, Time Res

Table with 5 columns: AMT, Artemida-Makis, 1.32 189 ePn, Pg, 15 48 55.7 -0.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VRAC Vranov, NOA NORSTAR Array B, EKA Eskdalemuir Ar, etc.

IDC 13 15:53:47.4, 1.8, 2.89N, 95.99E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/24, mbtmp3.4/5, ML2.9/1, Error ellipse: s-maj=54.4km s-min=23.9km az=46.0

ISCJB 13 15:53:55.1, 0.8, 3.05N, 0.05:96.38E, h0km, 7km, mb3.4/4, Error ellipse: s-maj=12.9km s-min=7.5km az=16.9

DJA 13 15:53:55.7, 0.5, 3.3N, 3.9E, h18km, 5km, M3.6/7, MLV3.6/7

ISC 13 15:53:56.1, 2.3, 3.04N, 0.05:96.38E, h53km, 12km, n18, c116/16, mb3.4/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SNSI Sinabang, Aceh, KULLM Kulim, H0S2 Diego Garcia H, etc.

CSEM 13 16:14:42.0, 34.31N, 25.67E, h26km, MD3.6, After ATH

ATH 13 16:14:42.0, 34.31N, 25.67E, h26km, 3km, MD3.6/10, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LAST Lasithi, ZAKR Zakros, NPS Neapolis, etc.

ISCJB 13 16:28:34.4, 0.9, 39.69N, 0.07:54.73E, h31km, Error ellipse: s-maj=10.4km s-min=7.5km az=155.7

TEH 13 16:28:34.7, 39.78N, 54.71E, h21km, ML3.6, Error ellipse: s-maj=9.3km s-min=6.8km az=148.0

ISC 13 16:28:34.5, 0.9, 39.72N, 0.05:54.74E, h31km, n31, c1177/37, 3C, Turkmenistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ISHV Shirvan, IKIA Kiasar, ISFR Sfrayin, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IVRN Varamin, AB31 Akbulak array, AB31 Akbulak array, etc.

ISCJB 13 16:30:50.4, 0.7, 31.6S, 0.2:76.8E, h10km, mb4.0/9, MS3.8/10, Error ellipse: s-maj=26.7km s-min=18.6km az=21.2

IDC 13 16:30:50.5, 0.8, 31.53S, 76.71E, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.9/19, mbtmp4.0/9, MS3.8/10, Ms1 3.8/10, ms1mx3.6/25, Error ellipse: s-maj=30.5km s-min=22.2km az=26.0

ISC 13 16:30:52.1, 0.9, 31.5S, 0.2:76.7E, h10km, n22, c0540/9, mb4.1/9, MS3.8/10, Mid-Indian Ridge

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

MAN 13 16:40:50.9, 31N, 125.43E, h1km, mb3.9, ML2.7, MS2.4, 2C, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BUTP Butuan, CGP Cagayan de Oro, etc.

IDC 13 16:52:17.5, 0.8, 12.35N, 126.16E, h0km, mb4.1/11, mb1 4.2/11, mb1mx4.0/21, mbtmp4.1/11, ML4.9/1, MS3.6/2, MS1 3.6/2, ms1mx2.8/41, Error ellipse: s-maj=46.2km s-min=14.4km az=64.0

NEIC 13 16:52:22.1, 22.12N, 125.64E, h23km, mb5.1, ML4.0, MS4.1, Error ellipse: s-maj=49.6km s-min=10.1km az=64.0

NEIC Felt (III PIVS) at Oras and San Policarpo and (II PIVS) at Can-Avid and Taft.

ISC 13 16:52:19.5, 1.9, 12.29N, 0.04:125.72E, h12km, 10km, n65, c116/70, mb4.4/16, 3C-4D, Samar

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CNP Catruman, OCLP Ormoc, etc.

GUC 13 17:11:43.2, 0.5, 29.44S, 71.17W, h42km, 2km, ML4.0, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LCO Las Campanas, VACH Valparaiso, etc.

CSEM 13 17:13:09.2, 34.79N, 23.04E, h41km, MD3.5, After ATH

ATH 13 17:13:09.2, 34.79N, 23.04E, h41km, 7km, MD3.5/9, Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GVD Gavdhos, ANKY Antikythira Is, etc.

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

WAKE ISLAND HY 40 18 74 T T 17 43 02.0

WAKE ISLAND HY 40 18 74 T T 17 43 02.9

WAKE ISLAND HY 40 18 74 T T 17 43 03.3

WAKE ISLAND HY 40 18 74 T T 17 43 03.7

WAKE ISLAND HY 40 18 74 T T 17 43 04.1

WAKE ISLAND HY 40 18 74 T T 17 43 04.5

WAKE ISLAND HY 40 18 74 T T 17 43 04.9

WAKE ISLAND HY 40 18 74 T T 17 43 05.3

WAKE ISLAND HY 40 18 74 T T 17 43 05.7

WAKE ISLAND HY 40 18 74 T T 17 43 06.1

WAKE ISLAND HY 40 18 74 T T 17 43 06.5

WAKE ISLAND HY 40 18 74 T T 17 43 06.9

WAKE ISLAND HY 40 18 74 T T 17 43 07.3

WAKE ISLAND HY 40 18 74 T T 17 43 07.7

WAKE ISLAND HY 40 18 74 T T 17 43 08.1

WAKE ISLAND HY 40 18 74 T T 17 43 08.5

WAKE ISLAND HY 40 18 74 T T 17 43 08.9

WAKE ISLAND HY 40 18 74 T T 17 43 09.3

WAKE ISLAND HY 40 18 74 T T 17 43 09.7

WAKE ISLAND HY 40 18 74 T T 17 43 10.1

WAKE ISLAND HY 40 18 74 T T 17 43 10.5

WAKE ISLAND HY 40 18 74 T T 17 43 10.9

WAKE ISLAND HY 40 18 74 T T 17 43 11.3

WAKE ISLAND HY 40 18 74 T T 17 43 11.7

WAKE ISLAND HY 40 18 74 T T 17 43 12.1

WAKE ISLAND HY 40 18 74 T T 17 43 12.5

WAKE ISLAND HY 40 18 74 T T 17 43 12.9

WAKE ISLAND HY 40 18 74 T T 17 43 13.3

WAKE ISLAND HY 40 18 74 T T 17 43 13.7

WAKE ISLAND HY 40 18 74 T T 17 43 14.1

WAKE ISLAND HY 40 18 74 T T 17 43 14.5

WAKE ISLAND HY 40 18 74 T T 17 43 14.9

WAKE ISLAND HY 40 18 74 T T 17 43 15.3

WAKE ISLAND HY 40 18 74 T T 17 43 15.7

WAKE ISLAND HY 40 18 74 T T 17 43 16.1

WAKE ISLAND HY 40 18 74 T T 17 43 16.5

WAKE ISLAND HY 40 18 74 T T 17 43 16.9

WAKE ISLAND HY 40 18 74 T T 17 43 17.3

WAKE ISLAND HY 40 18 74 T T 17 43 17.7

WAKE ISLAND HY 40 18 74 T T 17 43 18.1

WAKE ISLAND HY 40 18 74 T T 17 43 18.5

WAKE ISLAND HY 40 18 74 T T 17 43 18.9

WAKE ISLAND HY 40 18 74 T T 17 43 19.3

WAKE ISLAND HY 40 18 74 T T 17 43 19.7

WAKE ISLAND HY 40 18 74 T T 17 43 20.1

WAKE ISLAND HY 40 18 74 T T 17 43 20.5

WAKE ISLAND HY 40 18 74 T T 17 43 20.9

WAKE ISLAND HY 40 18 74 T T 17 43 21.3

WAKE ISLAND HY 40 18 74 T T 17 43 21.7

WAKE ISLAND HY 40 18 74 T T 17 43 22.1

WAKE ISLAND HY 40 18 74 T T 17 43 22.5

WAKE ISLAND HY 40 18 74 T T 17 43 22.9

WAKE ISLAND HY 40 18 74 T T 17 43 23.3

WAKE ISLAND HY 40 18 74 T T 17 43 23.7

WAKE ISLAND HY 40 18 74 T T 17 43 24.1

WAKE ISLAND HY 40 18 74 T T 17 43 24.5

Table with 5 columns: GUR, LTK, LTK, Goura, Lourtaki, Lourtaki, 3.19 350 eP, 3.23 359 eP, 3.25 359 eP, Pn, Pn, Pn, 17 13 59.2 +2.2, 17 13 58.5 +1.1, 17 13 58.5 +1.1

ISCJB 13 17:22:01.6±0.1, 16°.06S±0.04; 172.79W±0.03, h10km, mb5.2/169, MS4.7/13, Error ellipse: s-maj=6.3km s-min=3.2km az=150.3

BJI 13 17:22:02.1, 15.79S; 172.78E, h4km, mb5.5/30, mb5.0/39, MS5.2/25, Ms7.4/8/27

NEIC 13 17:22:02.7±0.2, 16.07S; 172.74W, h10km, mb5.3/100, Error ellipse: s-maj=7.9km s-min=4.1km az=138.0

AUST 13 17:22:03.5±2.5, 16°.29S; 172.41W, h20km, 17km, Error ellipse: s-maj=14.8km s-min=6.1km az=22.0

MOS 13 17:22:06.2±1.6, 15°.88S; 172.84W, h33km, mb5.4/35, MS4.5/4, Error ellipse: s-maj=12.8km s-min=8.7km az=51.7

IDC 13 17:22:07.8±0.4, 16°.07S; 172.69W, h41km, 3km, mb4.5/24, mb1.4/6/24, mb1mx4.6/29, mbtmp4.5/24, Error ellipse: s-maj=15.4km s-min=9.9km az=130.0

GCMT 13 17:22:08.5±0.1, 15.93S; 172.31W, h17km, MW5.3, Moment Tensor Solution: s76.c126; s99.c185; Moment tensor: Scale: 1017Nm; Mr0.1±0.02; Mw0.105±0.02; Mw0.95±0.02; Mw0.039±0.04; Mw0.017±0.01; Mw0.014±0.04; Best double couple: Mo: 1.0000; 1017 Np1.0000; 0.0000; 0.0000; 0.0000; 0.0000; 0.0000; 0.0000; 0.0000; 0.0000; Azm87.0000; N: 0.2200, Plg71.0000; Azd200.0000; P: -1.900, Plg17.0000; Pzm354.0000; Data Used: II U IC G CU CN. Surface waves from 114 sta.

DJA 13 17:22:16.9±1.4, 16°.5S; 172.41W, h10km, MS5.5/35, mb5.9/12, mb5.4/35, MWmb5.5/12

ISC 13 17:22:04.4±0.4, 16.05S; 172.70W, 0.05, h18km, 1km, h17km; p-P: n694, a1940/678, mb5.2/169, MS4.6/13, 146C-142D, Samoa Islands region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, Res. Includes stations like AF1 Afiamalu, NIUE Niue, MSVF Nonsavu, FUNA Funafuti, RAR Rarotonga, PPT2 Papeete2, TVO Taravao, OUZ Omahuta, TBI Tubaui, XMAS Kiritimatii, URZ Urewera, PMOR Pomarioro Ree, VAH Vaihoo, BKZ Black Stump Fm, SNZO South Karori, KHZ Kahutara, RPZ Rata Peaks, ARMA Armidale, RKT Rikitea, CNB Canberra, CTA Charters Tower, CTMO Charters Tower, CAN Canberra, PMG Port Moresby, H1S2 WAKE ISLAND HY, H1S3 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N2 WAKE ISLAND HY, MTSU Mount Surprise, QLP Quilpie, TOO Toolangi, COEN Coen, STKA Stephens Creek.

Main station list table with columns: ARPS Mount Arapiles, HHT Hallett, JAY Jayapura, BBOO Buclelebo, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, AS17 Alice Springs, AS17 Alice Springs, AS17 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASPA Alice Springs, SRPI Serui, Papua, BAKI Blak, KDU Kakadu, MTN Mantion Dam, MWPT Manokwari, Papi, FORT Forrest, KNRA Kununurra, SWI Sorong, SWI Sorong, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, TNTI Ternate, TNTI Ternate, SOEI Soe, SBA Scott Base, SBA Scott Base, VDA Vanda, VDA Vanda, MBWA Marble Bar, SGSI Sangihe, MEEK Meekatharra, KLBR Kellerberrin, NWAO Narrogin (SRO), NWAO Narrogin (SRO), LUWI Luwero, LBFI Labuhan Bajo, APSI Ampiana, MAJO Matsuhiro, MAJO Matsuhiro, CASY Casey, SRBI Singaraja, JAGI Jajiga Banyuw, BLJI Banyuglugur, ASAJ Asahikawa, ASAJ Asahikawa, MONP Monument Peak, EDW2 Edwards Air Fo, ISA Isabella, ISA Isabella, ISA Isabella, JUNU Nakatsue, JUNU Nakatsue, CMB Columbia Colle, CMB Columbia Colle, OHCM Honolulu, LRMCM Laurel Mountai, WDC Whiskeytown Da, WDC Whiskeytown Da, PET Petropavlovsk, PET Petropavlovsk, N02D Trinity Center, BELC Belle Mtn. Jos, M02C Callahan, PETK Petropavlovsk, PETK Petropavlovsk, MPMC Manual Prospec, GSC Goldstone, GSC Goldstone, MTUM Tungsten Hills, BC3 Big Chockwall, HEC Hector, Ludlow, KKM Kota Kinabalu, WAKR Walker, YBH Yreka Blue Hor, YBH Yreka Blue Hor, BEKR Beckworth.

Main station list table with columns: PWJI Pagerwojo, SJRI Sawahan, GMRC Granite Mounta, IRM Iron Mountain, HUMO Hull Mountain, GRAC Grapevine Rang, FURC Furnace Creek, TUQ Turquoise Moun, M04C Macdoel, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Yuzh-Sakhalins, YSS Yuzh-Sakhalins, PAHR Paha Rah Range, NV11 Mina Array Sit, PCJ1 Pacitan, 214A Organ Pipe Nat, I03D Drain, OR, WOJJI Wonogiri, Jawa, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, PDMCI Parker Dam, Lak, J04D Umpuqa Nationa, I04A Tendick Farm, MOD Modoc, SHPR Sheep Range, W13A Hualapai Mount, Y14A Wickenburg, J05D Fort Rock, OR, R11A Troy Canyon, C, R11A Troy Canyon, C, BJLI Banjamegari, I05D Terrebonne, OR, TUC Tucson, TUC Tucson, WVOR Wild Horse Val, WVOR Wild Horse Val, G05D Wamic, OR, TGJI Tegal, X16A Lo Mia Camp, P, KPJI Karang Pucung, 319A Douglas, I07A Izeze, KRSR Krip Ranch, An, KRSR Krip Ranch, An, J08A Circle Bar Ran, ARUT Antelope Range, ARUT Antelope Range, U15A North Rim, WUAZ Wupatki, WUAZ Wupatki, 320A Krip Ranch, An, D05A Enunclaw, ELK Elko, ELK Elko, 220A Playas Playa, KSM Kuching, KSM Kuching, RSO Redoubt South, 120A U Bar Ranch, L, G08A Pilot Rock, LEM Lembang, Z20A Nine Sixteen R, USRK Ussuriysk Arra, E07A Sunnyside, MVU Marysvale, HAWA Hanford, 121A Cookes Peak, D, 121A Cookes Peak, D, DUG Dugway, DUG Dugway, DUG Dugway, X20A Quemado, Z21A St. Cloud Mine, D08A Wolman Farm, NLU North Lily Min, HABR Khabarovsk, HABR Khabarovsk, HABR Khabarovsk, HABR Khabarovsk, HABR Khabarovsk.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like E09A Wood Farm, Sta, Q16A Castle Valley, W20A Ramad, Y21A Point of Rocks, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like MCK McKinley, MCK McKinley, BPAW Bear Paw Mtn, S22A 4UR Ranch, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like Q24A Divide, Q23A Lake Granby, ISCO Idaho Springs, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, STKA Stephens Creek, PETK Petropavlovsk, ILAR Elnora Array, NVAR Miana Array, BDFB Brasilia.

NNC 13 17:32:14.6-4.6, 6.6'68"N, 69.27'E, h124km, 48km, mb3.3, mpv4.0, Error ellipse: s-maj=36.3km s-min=27.7km az=32.0

ISC 13 17:32:10.3-7.3, 36.5N, 02.69:3E, 0.2, h48km, n13, a150/15, 2C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayshu, KK31 Karatay Array, EK32 Erkin-Say, KZA Kyzart, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, MK31 Makanchi Array, AB31 Akbulak array, AB31 Kurchatov Arr, KURB Kurchatov Arr, BVAR Borovoye Array.

IDC 13 17:37:23.2-3.4, 37.05N, 71.71E, h105km, 30km, mb3.8/15, mb1.3/9/18, mb1mx3.8/27, mbtmp3.8/18, MS3.4/2, Ms1.3/4/2, mb1mx2.7/46, Error ellipse: s-maj=21.5km s-min=14.7km az=12.0

ISCJUB 13 17:37:24.0-3.7, 37.11N, 02.71:89E, 0.04, h142km, mb3.9/21, Error ellipse: s-maj=5.2km s-min=3.1km az=160.2

NNC 13 17:37:32.6-5.7, 37.88N, 71.34E, h200km, 48km, mb3.6, mpv4.6, Error ellipse: s-maj=62.6km s-min=26.1km az=33.0

ISC 13 17:37:25.6-0.5, 37.16N, 00.57:91E, 0.06, h142km, n71, a150/73, mb4.1/21, 5C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wail, JMU Jammu, AML Almayshu, KZA Kyzart, EK32 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, KK31 Karatay Array, ULHL Uhaloh, DHRM DHARAMSHALA, DHRM Dharam, CHMS Chumysh, TKM2 Tokmak 2, USP Oспенovka, BHK Bhakra, SDNR Sundarnagar, KNDC Almaty, SMLA Simla, SMLA Simla, SMLA Simla, DDI Dehra Dun, MK31 Makanchi Array, MKAR Makanchi Array, DANN Dangsing, DANN Dandan, KOLN Koldand, WMQ Urumqi, GKN Gorkha, GKN Gorkha, KURB Kurchatov Arr, KURB Kurchatov Arr, KKN Kakani, DMN Daman, DMN Daman, BHPL Bhopal, BHPL Bhopal, PKIN Phulchoki, PKI Pulchoki, AB31 Akbulak array, AB31 Gumba, JIRN Jiri, BVAR Borovoye Array, BVAR Borovoye Array, BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAMN Ramite, TAPN Tapejlung, AKTO Tapeljung, AKTO Tapeljung, AKTO Tapeljung, ODAN Odare, ZALV Zalesovo Beam, GNB Garni, KBD Kabd, RDF Al-Radifath, NAY Al-Naeiem, NAY Al-Naeiem, IMP Impal, BRTR Keskin Array, AKASE Malin Array, FINES FINES Array, KAF Kangasniem, ARCES ARCES Array, HFS Hagfors, GERES GERES Array, NORSAR NORSAR, NOA NORSAR, LPG La Plagne, LPL La Plagne, MBDF Moyadon, AVF Avril sur Loir, ESCD Sonseca Array, JCJ Chichijima, TORD Torodi Arr, ILAR Eielson Array, BOSA Bosa, YKA Yellowknife Arr, WRA Warramunga Arr, ASAR Alice Springs.

NIED 13 17:42:00, 37.60N, 140.50E, h145km, Mw4.3 Best double couple: M3.07000x1015 NP13=9.00000, s86.00000, -1.105.00000. NP2=273.00000, d15.00000, -1.16.00000

IDC 13 17:42:49.2-4.0, 37.56N, 140.45E, h64km, 37km, mb3.4/8, mb1.3/7/9, mb1mx3.5/23, mbtmp3.5/9, ML3.4/1, Error ellipse: s-maj=22.9km s-min=19.5km az=102.0

ISCJUB 13 17:42:52.4-0.5, 37.59N, 0.04:140.53E, 0.06, h110km, 36km, mb3.0/8, Error ellipse: s-maj=8.8km s-min=5.5km az=37.0

JMA 13 17:42:53.0-1.0, 37.58N, 140.54E, h103km, 1km, M3.5, JMA Fell II J1

ISC 13 17:42:53.0-4.0, 37.61N, 0.05:140.54E, 0.05, h106km, 5km, n25, a091:36, mb3.8/8, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JFT Otama, JFT Otama, JMM Ramurori, JFK Kawachi, JFY Yanchima, JYS Shirataki, JOU Okura, JOU Okura, JNS Sasagawa, JNS Sasagawa, JIO Suri, JIO Suri, JYK Kaneyama, JYK Kaneyama, JAW Awa shima, JAW Awa shima, JMK Ichinoseki, JMK Ichinoseki, JAG Ashikaga, JAG Ashikaga, JAT Matsushiro, JAT Matsushiro, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1N3 WAKE ISLAND, ZALV Zalesovo Beam, MKAR Makanchi Array, KURB Kurchatov Arr, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, NVAR Miana Array, PDAR Pinedale Array.

CSEM 13 17:44:37.7, 37.93N, 28.83E, h5km, MD2.7, After ISK ISK 13 17:44:37.7, 37.93N, 28.83E, h5km, MD2.7, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DENT Denizli, DENT Denizli, KULA Kula-Manisa, KULA Kula-Manisa, KHL Karahalli, KHL Karahalli, YER Yerkesik, YER Yerkesik, DALY Datalan, DALY Datalan, SHUT Suhut-Afyon, SHUT Suhut-Afyon, TVSB Tavsanli.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TVSB Tavsanli, MKAR Makanchi Array, PETK Petropavlovsk, WRA Warramunga Arr, ASAR Alice Springs.

GUC 13 17:57:30.8-0.3, 21.90S, 69.11W, h112km, 3km, ML3.9, 5C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB04 Plate Boundary, MAOH Maria Elena, PB07 Plate Boundary, PB01 Plate Boundary, HMB3 Humberstone, HMB3 Humberstone, CEN1 Los Morros, CEN1 Los Morros.

JMA 13 18:02:46.5-0.4, 34.33N, 141.93E, h34km, 4km, M3.4, IDC 13 18:02:47.3-0.7, 34.35N, 141.46E, h0km, mb3.8/12, mb1.4/0/14, mb1mx3.9/28, mbtmp3.9/14, ML3.3/2, Error ellipse: s-maj=20.9km s-min=17.2km az=74.0

ISC 13 18:02:51.8-0.8, 34.59N, 0.09:141.72E, 0.06, h27km, n23, a172/27, mb3.8/12, 2D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BS01 Boso 1, BS01 Boso 1, BS03 Boso 3, BS03 Boso 3, BS04 Boso 4, CHOI Choshi, JOD2 Odawara 2, MAT Matsushiro, MAT Matsushiro, JCJ Chichijima, JCJ Chichijima, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, KSRS Kora Array, KSRS Kora Array, PVCP Virac, PVCP Virac, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, KURB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, WRA Warramunga Arr, INK Inuvik, ASAR Alice Springs, AKTO Aktyubinsk, NVAR Miana Array, PDAR Pinedale Array, TXAR Lajitas Array.

IDC 13 18:10:03.5-3.6, 5.01S, 132.05E, h0km, mb3.6/1, mb1.3/6/3, mb1mx3.5/14, mbtmp3.5/3, ML3.2/2, Error ellipse: s-maj=20.2km s-min=16.3km az=78.0

AUST 13 18:10:07.6-4.7, 4.36S, 133.56E, h101km, Error ellipse: s-maj=4.8km s-min=1.1km az=261.0, DJA 13 18:10:22.6-1.9, 4.7S, 10.13:3E, 0.10, h40km, 13km, M3.6/5, MLV3.6/5

ISC 13 18:10:08.7-1.1, 4.59S, 0.09:133.1E, 0.2, h35km, n15, a185/12, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLE Tual, FAKI Fak Fak, FAKI Fak Fak, BNDI Bandanaira, MWPI Manokwari, SWI Sorong, SWI Sorong, KDU Kakadu, MTN Manton Dam, KNRA Kunurra, LBFI Labuhan Bajo, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array.

IDC 13 18:22:11.3-2.0, 6.67S, 129.14E, h0km, mb3.3/1, mb1.3/3/3, mb1mx3.5/15, mbtmp3.5/3, ML3.7/1, Error ellipse: s-maj=11.2km s-min=30.9km az=68.0

ISCJUB 13 18:22:22.4-1.3, 6.92S, 0.07:129.2E, 0.1, h156km, mb2.9/1, Error ellipse: s-maj=24.9km s-min=8.2km az=10.3

AUST 13 18:22:24.1-0.0, 6.88S, 129.74E, h274km, Error ellipse: s-maj=1.3km s-min=0.9km az=280

ISC 13 18:22:21.8-1.1, 6.24S, 0.09:129.0E, 0.1, h156km, n11, a281/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLE Tual, FAKI Fak Fak, MTN Manton Dam, SWI Sorong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KDU, KNRA, FITZ, WRA, WRA, WRA, ASAR, ASAR, PPI, MKAR.

IDC 13 18:27:40.9-1.1, 1.45S-99.52E, h0km, mb4.0/9, mb1 4.1/10, mb1mx3.9/21, mbtmp4.0/10, ML3.5/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/35, Error ellipse: s-maj=46.7km s-min=16.5km az=60.0

ISCJB 13 18:27:43.5-0.9, 1.45S:0.08:99.5E:0.1, h30km, mb4.1/9, Error ellipse: s-maj=18.9km s-min=11.3km az=166.7

ISC 13 18:27:45.3-0.1, 93.4E:0.2, h30km, n22, -0.672/16, mb4.2/9, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PSI, PSI, PSI, FRIM, KULM, KULM, KULM, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WRA, WRA, ASAR, ASAR, KSRS, STKA, MKAR, USRK, ZALV, FINES, ARCES, CPUP, TXAR.

ISCJB 13 18:40:02.4-0.8, 8.76S:0.07:32.80E:0.09, h10km, mb3.6/1, Error ellipse: s-maj=14.2km s-min=8.3km az=32.0

IDC 13 18:40:03.4-1.6, 8.84S:32.95E, h0km, mb3.7/2, mb1 4.1/5, mb1mx3.6/25, mbtmp4.1/5, ML4.7/4, MS3.3/1, Ms1 3.3/1, ms1mx2.9/31, Error ellipse: s-maj=34.3km s-min=20.4km az=105.0

ISC 13 18:40:03.8-0.9, 8.77S:0.07:32.87E:0.08, h10km, n7, +230/12, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include DODT, DODT, DODT, LSZ, LSZ, LSZ, MBAR, MBAR, KMBO, KMBO, OPO, BOS, TORO.

IDC 13 18:43:56.0-4.7, 4.90S:103.58E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.4/21, mbtmp3.4/4, Error ellipse: s-maj=236.3km s-min=23.1km az=52.0, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include H08S2, H08S3, H08S1, WRA, ASAR, MKAR, ZALV.

IDC 13 18:48:57.3:25.0, 15.79N:122.44E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/21, mbtmp3.6/3, Error ellipse: s-maj=449.1km s-min=234.2km az=155.0, Philippine Islands region

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

IDC 13 18:55:26.6:50.0, 15.38S:176.93E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/16, mbtmp3.8/3, Error ellipse: s-maj=886.4km s-min=143.2km az=73.0, Fiji Islands region

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

IDC 13 19:00:27.2-2.3, 6.89S:128.71E, h0km, mb3.6/1, mb1 3.9/4, mb1mx3.7/16, mbtmp3.7/4, ML3.8/3, Error ellipse: s-maj=104.7km s-min=28.8km az=74.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TLE, SOEI, FAKI, MTN, KDU, KNRA, FITZ, WRA, ASAR, ASAR, MKAR.

NIED 13 19:23:00.35:40N:139.80E, h35km, Mw4.2 Best double couple: M2.18000x1015 N1.1330.00000, 374.00000, 1.13.00000, NP2:0.93.00000, 327.00000, 1.36.00000

IDC 13 19:23:00.6-0.6, 35.35N:139.60E, h0km, mb4.0/17, mb1 4.2/20, mb1mx4.1/29, mbtmp4.1/20, ML3.4/3, MS3.2/7, Ms1 2.7/2, ms1mx3.0/31, Error ellipse: s-maj=19.6km s-min=13.4km az=85.0

ISCJB 13 19:23:35.0-4.0, 35.36N:0.04:139.82E:0.05, h54km, 3km, mb4.2/22, MS3.2/4, Error ellipse: s-maj=6.8km s-min=5.6km az=154.3

NEIC 13 19:23:35.6:0.3, 35.34N:139.61E, h35km, mb4.6/6, Mw4.2(NIED), Error ellipse: s-maj=8.9km s-min=6.2km az=83.0

NEIC Felt at Ayase, Kagawa, Yokohama and Yokusuka. Recorded [3 JMA] in Chiba and Kanagawa; [2 JMA] in Saitama and Tokyo; [1 JMA] in Ibaraki, Nagano, Shizuoka and Yamagashi.

JMA 13 19:23:36.2:0.1, 35.47N:139.80E, h39km, 2km, M4.2 Broadband fault plane solution: P waves. NP1: 0.331.00000, 867.00000, 1.114.00000, NP2: 0.101.00000, 833.00000, 1.45.00000. Principal axes: T P1g60.00000, Azm277.00000, N P1g22.00000, Azm141.00000, P P1g19.00000, Azm43.00000

JMA Felt III J1

ISC 13 19:23:35.5-0.6, 35.40N:0.04:139.82E:0.04, h36km, 1km, n77, +1909/74, mb4.2/22, MS3.2/4, 2C-8D, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include JYO, JYO, TOK, TOK, TATJ, JOD2, JOD2, JIM2, JIM2, JRY, JIZS, JIZS, JYN, JYN, JAG, BSO1, SHY, SHY, MAT, JNU, JNU, CBJJ, CBJJ, JJCJ, JJCJ, ASAJ, ASAJ, ASAJ, ASAJ, KRSR, USRK, PETK, SONM, H11N2, H11N1, H11N3, H11S3, H11S1, H11S2, ZALV, ZALV, ZALV, ZALV, MK31, MKAR, MKAR, MKAR, MKAR, PMG, KURK, KURBK, AAK, BVAR, BVAR, BVAR, ILAR, ILAR, ILAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include KKAR, FITZ, WRAB, WRA, WRA, INK, INK, ARU, KBL, ABKAR, ASAR, ASAR, MBWA, ARCES, ARCES, STKA, STKA, FINES, FINES, AKASE, AKASE, NOA, NOA, NVAR, NVAR, BRTR, BRTR, PDAR, PDAR, H03N2, H03N3, H03N1.

IDC 13 20:34:16.3:1.9, 11.74S:165.40E, h0km, mb3.8/5, mb1 4.1/5, mb1mx3.9/16, mbtmp3.8/5, MS3.2/3, Ms1 3.2/3, Error ellipse: s-maj=95.6km s-min=25.7km az=145.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include PMG, STKA, H11S2, H11S3, H11S1, WRA, H11N1, H11N3, H11N2, ASAR, ASAR, ILAR, MKAR.

ISCJB 13 20:42:00.2-0.4, 38.58S:0.10:16.22W:0.09, h10km, mb4.3/22, MS4.4/6, Error ellipse: s-maj=13.8km s-min=10.0km az=168.9

IDC 13 20:42:30.7-0.7, 38.55S:16.19W, h0km, mb4.1/14, mb1 4.1/4, mb1mx4.1/22, mbtmp4.1/14, MS4.6/6, Ms1 4.1/4, ms1mx4.1/22, Error ellipse: s-maj=22.3km s-min=15.2km az=174.0

NEIC 13 20:42:31.2:0.6, 38.46S:16.16W, h10km, mb4.7/10, Error ellipse: s-maj=19.7km s-min=13.0km az=164.0

ISC 13 20:42:32.2-0.5, 38.65S:0.1:16.18W:0.09, h10km, n49, +1909/36, mb4.4/22, MS4.4/6, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include TRIS, H10S2, H10S3, H10S1, SNA, SNA, SNA, TSUM, TSUM, TROA, TROA, BOS, BOS, BDFB, BDFB, CPUP, CPUP, RCBR, LBTB, LBTB, PLCA, CFAA, CFAA, SIV, SIV, LSZ, LSZ, LVC, LVC, LPAZ, LPAZ, QSPA, QSPA, BQSA, BQSA, TOAO, TOAO, TOAO, TOAO, NNA.

13d 21h

Table listing station names, codes, and coordinates for the 13d 21h period. Includes stations like KMBO, VDA, VWA, etc.

WEL 13 20:40:14.0.0.1, 377.37S-177.57E, h44km, 2km, ML3.6/5, 3C-10D, Error ellipse: s-maj=1.0km s-min=0.8km az=0.0, Off east coast of North Island

Table listing station names, codes, and coordinates for the WEL period. Includes stations like WIZ, WIZ, WIZ, etc.

IDC 13 21:01:42.5:0.5, 52.41N-168.46W, h0km, mb4, 7/38, mb1 4.8/40, mb1mx4.7/43, mbmp4.7/40, ML4.2/2, MS4.1/8, Ms1 4.1/8, ms1mx3.7/47, Error ellipse: s-maj=16.3km s-min=9.4km az=175.0

ISCJB 13 21:01:44.0:0.7, 52.28N-168.31W, h0.03, h29km, 4km, mb5.0/153, MS4.3/24, Error ellipse: s-maj=4.5km s-min=2.7km az=175.8

BUI 13 21:01:47.0, 52.85N-168.88W, h30km, mb5.1/38, mb5.1/48, MS4.9/26, 4.6/26

NEIC 13 21:01:48.0:4.0, 52.46N-168.37W, h40km, 3km, mb5.2/51, Error ellipse: s-maj=7.0km s-min=2.8km az=159.0

MOS 13 21:01:48.0:1.0, 52.77N-168.58W, h33km, 4.5/58, MS4.1/4, Error ellipse: s-maj=12.0km s-min=4.6km az=92.4

ISC 13 21:01:47.1:0.4, 52.38N-168.36W, h0.03, h33km, 1km, h33km:pp-P, n571, 1911/610, mb5.1/154, MS4.4/24, 52C-23D, Fox Islands

Table listing station names, codes, and coordinates for the ISC period. Includes stations like NIKH, NIKH, NIKH, etc.

2009 NOV

Main table listing station names, codes, and coordinates for the 2009 NOV period. Includes stations like RSO, SPU, SEW, etc.

514

Table listing station names, codes, and coordinates for the 514 period. Includes stations like BW06, PDAR, PDCAR, etc.

Table with columns: Call Sign, Name, Lat, Lon, Az, El, Pr, S/NR, etc. Includes stations like SPITS, 226B, 425A, 128A, etc.

Table with columns: Call Sign, Name, Lat, Lon, Az, El, Pr, S/NR, etc. Includes stations like LZH, TMCR, ENH, SOKR, etc.

Table with columns: Call Sign, Name, Lat, Lon, Az, El, Pr, S/NR, etc. Includes stations like AAK, EKA, KK31, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STEBNICKA Huta, KOLDANA, VRANOV, TREC, KOLS, KOLONICKE sedl, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZEI Tsey, DAVOX, PKKS, ABTA, CABB, CABB, CABB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VTS Vitosha, PGF Pioggia, PGF Pioggia, BRTR Keskin Arr B, etc.

ATH 13 21:06:19.8,34:94N-23:39E, h13km,3km, MD3.9/5/4, MLE3.3
THE 13 21:06:20.1,34:97N-23:43E, h0km,3km, Error ellipsis:
CSEM 13 21:06:21.2,0.5,35:01N-23:44E, h2km, MD3.9, Error ellipsis:
IDC 13 21:06:22.3,3.2,33:60N-23:38E, h37km,26km, mb3.6/8, mb1.3/6/13, mb1mx3.5/29, mbtmp3.5/13, ML3.3/4, Error ellipsis:
ISC 13 21:06:19.3-1.0,34:89N-0.05-23:38E,0.03,h12km,6km, n198,0160/187,mb3.8/9,Crete

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like GVD Gavdhos, GVD Gavdhos, GVD Gavdhos, etc.

Table with columns: KARP, Karpathos, 3.16 77 ePN, Pn, 21 07 12.0 +3.2

Table with columns: 29nm,0.3s, 0.18 107 Pg, Pg, 21 11 02.8 +0.5

Table with columns: ISCJB 13 21:15:49.3, 0.9, 14.7N, 0.2:93.20W, 0.09, h74km, 29gkm

Table with columns: ISCJB 13 21:20:01.7, 0.4, 9.62N, 0.03:84.13W, 0.02, h29km, 2km

Table with columns: ISCJB 13 21:20:02.8, 2.4, 9.80N, 0.84:15W, h56km, 22km, mb4.0/22

Table with columns: ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

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

Table with columns: GCR, Quepos, 0.22 171 iP, Op, ISC, 21 20 06.7 -1.7

Table with columns: ROSC, comp=Z, 418nm, 21.8s, baz=336, slow=38

Table with columns: ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

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

Table with columns: GCR, Quepos, 0.22 171 iP, Op, ISC, 21 20 06.7 -1.7

Table with columns: GCR, Quepos, 0.22 171 iP, Op, ISC, 21 20 06.7 -1.7

Table with columns: GCR, Quepos, 0.22 171 iP, Op, ISC, 21 20 06.7 -1.7

Table with columns: GCR, Quepos, 0.22 171 iP, Op, ISC, 21 20 06.7 -1.7

CSEM 13 21:10:58.3, 42.59N, 13.18E, h10km, MD1.7/9, After ROM

ROM 13 21:10:58.3, 0.1, 42.59N, 13.18E, h10km, MD1.7/9, M1.6/4,

Center ellipse: s-maj=1.1km s-min=0.9km az=34.0,

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

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

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

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

ISCJB 13 21:20:02.3, 0.6, 9.64N, 0.03:84.20W, 0.03, h27km, 3km

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

Table of astronomical observations for 13d 21h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2009 NOV, listing station names, coordinates, and observation details.

Table of astronomical observations for 518, listing station names, coordinates, and observation details.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, FORT Forrest, QLP Qulip, etc.

ISCJB 14 01:50:30.4-0.6, 52.26N-171.83W, h97km, MG3.2(AEIC), n24, 0.95/35, mb3.6/7, Fox Island

NEIC 14 01:50:32.1, 52.26N-171.83W, h97km, MG3.2(AEIC), After AEIC.

ISC 14 01:50:30.9-1.4, 52.22N-171.76W, 0:07, h81km, 13km, n24, 0.95/35, mb3.6/7, Fox Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOFF Korovin Flat P, KOKV Korovin Volcan, KOWE Korovin West, etc.

ISC 14 01:53:55.9-0.7, 54.22N-169.29E, h0km, mb3.7/13, mb1.4/0.15, mb1mx3.9/28, mbtmp3.7/15, ML3.6/2, Error ellipse: s-maj=19.9km s-min=10.3km az=30.0

ISCJB 14 01:53:57.2-0.4, 54.02N-169.23E, h0.06, h25km, mb3.7/13, Error ellipse: s-maj=10.1km s-min=4.4km az=11.4

MOS 14 01:53:57.3-1.5, 54.09N-169.29E, h25km, mb4.0/8, Error ellipse: s-maj=17.2km s-min=13.3km az=42.7

KRSC 14 01:54:01.6-8.5, 53.78N-168.59E, h25km, 25km, ML4.2, ISC 14 01:53:58.0-0.7, 53.92N-168.59E, h25km, 25km, ML4.2, s181/52, mb3.9/13, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKI Bering, KBTR Krutoberegovo, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, H11N2 WAKE ISLAND HY 34.07 184, H11N3 WAKE ISLAND HY 34.08 184, etc.

CASC 14 01:55:01.9-1.6, 13.03N-89.04W, h25km, 6km, MD3.6, EI Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LFRS El Faro, SNVI San Vicente, SNET Serv Nav Est T, etc.

ISC 14 01:56:24.5-25.0, 17.37S-173.61W, h0km, mb4.2/4, mb1.4/4.1, mb1mx3.9/18, mbtmp4.2/4, Error ellipse: s-maj=479.3km s-min=161.7km az=73.0, Tonga Islands

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

GUC 14 01:59:39.0-0.5, 28.15S-69.95W, h97km, 6km, ML4.3, 2C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VACH Vallendar, CPCH Copiapo, LCO Las Campanas, etc.

NIED 14 02:11:00, 36.70N-142.10E, h23km, Mw4.0 Best double couple: M0.1, 090000.1015, NP1=20.00000, 868.00000, 1.86.00000, NP2=211.00000, 823.00000, 1.100.00000

ISC 14 02:11:18.8-1.1, 36.74N-142.43E, h0km, mb3.7/7, mb1.3/8.10, mb1mx3.7/25, mbtmp3.8/10, ML4.0/2, Error ellipse: s-maj=37.9km s-min=17.8km az=81.0

ISCJB 14 02:11:19.8-0.7, 36.71N-142.25E, h0.06, h19km, mb3.7/7, Error ellipse: s-maj=7.7km s-min=6.9km az=28.8

JMA 14 02:11:22.6-0.3, 36.74N-142.13E, h36km, M4.1, ISC 14 02:11:22.1-0.9, 36.74N-142.15E, h0.08, h19km, n24, 0.95/21, mb3.7/7, 4D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONAJ Iwakimizuishi, JFK Kawauchi, JHO Hitachi, etc.

1.2nm, 0.8s, baz=342, slow=4.4, SNR=8.6 AKASG Malin Array Be 74.89 323 P P 02 23 02.3 +1.0

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

ISC 14 02:46:28.4-5.8, 36.85N-79.72E, h0km, mb3.6/2, mb1.3/5.4, mb1mx3.3/25, mbtmp3.3/4, ML3.0/2, MS3.5/1, MS1.3/5.1, ms1mx2.5/33, Error ellipse: s-maj=137.0km s-min=29.2km az=121.0

ISCJB 14 02:46:31.4-1.5, 37.10N-79.55E-0.10, h16km, mb3.6/2, MS3.5/1, Error ellipse: s-maj=15.6km s-min=9.7km az=150.4

BUI 14 02:46:35.4, 37.07N-79.23E, h5km, ML3.5/7, ISC 14 02:46:32.9-1.9, 37.00N-79.17E, h16km, n8, 1479/10, 2D, Southern Xinjiang

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

ISC 14 03:01.02-1.2, 1.6, 36.84N-79.50E, h0km, mb4.0/12, mb1.4/0.15, mb1mx3.9/28, mbtmp3.9/15, ML3.3/4, Error ellipse: s-maj=34.2km s-min=21.9km az=152.0

ISCJB 14 03:02:03.8-0.3, 37.10N-79.37E, h0km, mb3.9/11, ML3.9/6, mb4.2/21, Error ellipse: s-maj=5.2km s-min=4.0km az=0.7

NEIC 14 03:02:03.4-0.6, 36.91N-79.48E, h10km, mb4.5/10, Error ellipse: s-maj=10.6km s-min=8.2km az=147.0

BUI 14 03:02:05.9, 37.13N-79.21E, h4km, mb3.9/11, ML3.9/6, NNC 14 03:02:11.2-5.7, 37.50N-78.85E, h0km, mb3.8, mpv3.1, Error ellipse: s-maj=57.12km s-min=32.4km az=155.0

ISC 14 03:02:05.6-0.5, 37.12N-79.38E, h0.05, h16km, n77, 1484/85, mb4.2/21, 5C-4D, Southern Xinjiang

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

ISC 14 03:02:05.6-0.5, 37.12N-79.38E, h0.05, h16km, n77, 1484/85, mb4.2/21, 5C-4D, Southern Xinjiang

ISC 14 03:02:05.6-0.5, 37.12N-79.38E, h0.05, h16km, n77, 1484/85, mb4.2/21, 5C-4D, Southern Xinjiang

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

Table of station data including codes, station names, coordinates, and various flags. Includes stations like AKTO, ARU, GNI, BRTR, KULIM, AKASG, etc.

14d 03:06:37.0±0.0, 81°40'N, 121°31'E, h0km, mb3.9/11, mb1 3.9/12, mb1mx3.2/19, mbmt3.8/12, ML3.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/3.8, Error ellipse: s-maj=41.6km s-min=18.6km az=64.0

ISCJB 14 03:06:38.2±0.0, 81°42'N, 121°02'E, 0.04, h10km, mb3.9/16, Error ellipse: s-maj=5.7km s-min=4.6km az=153.6

MAN 14 03:06:38, 18°39'N, 121°06'E, h1km, mb4.6, ML3.5, MS3.4 NEIC 14 03:06:47.3±1.1, 18°53'N, 121°41'E, h7km, 10km, mb4.4/5, Error ellipse: s-maj=17.4km s-min=7.8km az=78.0

ISC 14 03:06:38.7±0.5, 18°37'N, 121°05'E, 121°05E, 0.04, h10km, n51, r109.5/11, mb4.0/16, 3C, Luzon

Table of station data for the Luzon region, including codes, station names, coordinates, and various flags. Includes stations like PIP, APYP, SIFP, etc.

Table of station data for the MORC region, including codes, station names, coordinates, and various flags. Includes stations like TXAR, MORC, etc.

14d 03:15:46.6±2.2, 2°27'S, 127°69E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.2/19, mbmt3.3/13, Error ellipse: s-maj=186.1km s-min=25.9km az=67.0, Ceram Sea

Table of station data for the WRA region, including codes, station names, coordinates, and various flags. Includes stations like WRA, ASAR, MKAR, etc.

MAN 14 03:37:18, 9°33'N, 125°76'E, h8km, mb4.3, ML3.1, MS2.9, Mindanao

Table of station data for the BUTP region, including codes, station names, coordinates, and various flags. Includes stations like BUTP, MUSAN, PAGZ, etc.

ISCJB 14 03:46:02.7±0.5, 36°45'N, 106°08'11E, 0.08, h10km, mb4.1/16, MS2.8/1, Error ellipse: s-maj=9.5km s-min=8.4km az=138.6

NEIC 14 03:46:04.5±0.6, 36°44'N, 106°13E, h10km, mb4.4/10, Error ellipse: s-maj=10.8km s-min=7.6km az=45.0

ISC 14 03:46:09.8±2.3, 36°91'N, 79°08E, h0km, mb3.8/7, mb1 3.7/11, mb1mx3.6/29, mbmt3.6/11, ML3.2/4, MS2.8/1, Ms1 2.8/1, ms1mx2.1/3.8, Error ellipse: s-maj=47.2km s-min=24.9km az=95.0

BUI 14 03:46:11.8, 37°15'N, 79°22E, h0km, ML3.7/7, NNC 14 03:46:16.6±0.9, 37°55'N, 78°38E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=38.9km s-min=22.7km az=153.0

ISC 14 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the KSH region, including codes, station names, coordinates, and various flags. Includes stations like KSH, CHCP, CEP, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the KK31 region, including codes, station names, coordinates, and various flags. Includes stations like KK31, WMQ, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the KURB region, including codes, station names, coordinates, and various flags. Includes stations like KURB, KURK, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the AKTO region, including codes, station names, coordinates, and various flags. Includes stations like AKTO, AKTU, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the ARU region, including codes, station names, coordinates, and various flags. Includes stations like ARU, GNI, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the KULM region, including codes, station names, coordinates, and various flags. Includes stations like KULM, KSSB, etc.

14d 03:46:04.2±0.7, 36°37'N, 109°79.99E, 0.08, h10km, n49, r133/43, mb4.2/16, 1C-5D, Southern Xinjiang

Table of station data for the JFT region, including codes, station names, coordinates, and various flags. Includes stations like JFT, JOU, etc.

14d 04:10:13.0±2.7, 1°44'S, 99°39E, h0km, mb3.8/5, mb1 3.9/7, mb1mx3.7/23, mbmt3.7/7, ML3.8/2, MS2.7/1, Ms1 2.7/1, ms1mx3.3/5, Error ellipse: s-maj=120.5km s-min=18.7km az=60.0

DJA 14 04:10:13.6±3.0, 1°S, 49°10'2E, 1°13, h97km, 40km, M4.3/3, ML4.3/3, ISCJB 14 04:10:14.4±0.6, 1°45S, 0°07'99"24E, 0.07, h30km, mb4.1/12, Error ellipse: s-maj=10.8km s-min=8.6km az=41.7

NEIC 14 04:10:14.6±0.6, 1°37'S, 99°52E, h10km, mb4.4/7, Error ellipse: s-maj=18.8km s-min=8.0km az=59.0

ISC 14 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the PDSI region, including codes, station names, coordinates, and various flags. Includes stations like PDSI, PPI, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the KLMR region, including codes, station names, coordinates, and various flags. Includes stations like KLMR, CMAR, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the H0S2 region, including codes, station names, coordinates, and various flags. Includes stations like H0S2, H0S3, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the H0W1 region, including codes, station names, coordinates, and various flags. Includes stations like H0W1, WRA, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the PMG region, including codes, station names, coordinates, and various flags. Includes stations like PMG, STKA, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the MK31 region, including codes, station names, coordinates, and various flags. Includes stations like MK31, MKAR, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table of station data for the KURK region, including codes, station names, coordinates, and various flags. Includes stations like KURK, ZALV, etc.

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

14d 04:10:17.3±0.7, 1°37'S, 0°09'99"41E, 0.08, h30km, n37, r134/32, mb4.1/12, Southern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, FORT Forrest, AS31 Alice Springs, etc.

IDC 14 04:40:37.8.2.7, 53.569N-87.86E, h0km, mb1 3.3/2, mb1mx3.1/29, mbtmp3.3/2, ML3.0/2, Error ellipse: s-maj=25.5km s-min=15.6km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOV INFR A, ZALV Zalesovo Beam, etc.

MOS 14 04:47:00.0.0.9, 6.76S-29.86E, h10km, mb5.5/55, MS4.9/7, Error ellipse: s-maj=9.5km s-min=3.8km az=88.4, ISCBJ 14 04:47:00.9.0.1, 6.82S, 0.02-29.73E, h0km, mb5.2/154, MS4.5/30, Error ellipse: s-maj=4.4km s-min=3.1km az=176.5, IDC 14 04:47:01.2.0.4, 6.80S-29.83E, h0km, mb4.8/27, mb1 4.9/29, mb1mx4.9/32, mbtmp4.9/29, ML5.2/2, MS5.0/15, MS1.5/0.15, ms1mx5.0/20, Error ellipse: s-maj=14.8km s-min=11.0km az=89.0, BUJ 14 04:47:01.3.0.3, 6.35S-29.30E, h15km, mb5.4/27, mb5.2/40, MS5.3/21, MS7.0/30, NEIC 14 04:47:02.0.0.1, 6.85S-29.84E, h10km, mb5.3/71, Error ellipse: s-maj=5.3km s-min=2.9km az=91.0, NEIC Felt at Tabora, Tanzania and at Bujumbura, Burundi, DJA 14 04:47:03.2.0.6, 7.7S, 10.3E, h19, h10km, MS3.8, mb5.8/5, mb5.2/8, Mw(mb)5.4/5, GCMT 14 04:47:07.5.0.1, 6.79S-29.75E, h20km, MW5.4, Moment Tensor Solution, s96c162; s99, c193; Moment tensor: Scale 10^17 Nm; Mr-1.11e.03; Mw-0.40e.02; Mw1.51e.02; Mw0.63e.05; Mw0.05e.02; Mw0.90e.05; Best double couple: 10.170000e.017, NF1%205.00000; 367.00000; 1.64.00000; NP2%332.00000; 1.830.00000; -1.35.00000; Principal axes: T 1.830.00000; Azm274.00000; N -0.1100, Plg23.0000; Azm12.0000; P -1.6900, Plg60.0000; Azm150.0000; Data Used: II IU CU IC G CN. Surface waves from 109 sta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DODT Dodoma, Tanzania, MBAR Mbarara, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUDU RUNDU, MSNA Messina, TSUM Tsumeb, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAM Tamnrasset, ARO Arara, BSY Bisya, etc.

Table with columns: KBZ, Khabaz, 51.69, 12, P, P, 04.56, 09.08, -0.3, 04.56, 09.08, -0.3, comp=Z,16nm,1.0s,baz=200,slow=5.4,SNR=11

Table with columns: LJV, L'vov, 56.64, 355, eP, P, 04.56, 51.6, +5.4, 04.56, 46.2, -0.7, comp=Z,24nm,0.9s

Table with columns: KSH, S, S, 05.05, 50.0, -7.6, 05.05, 58.0, -7.6, 05.05, 56.0, -6.8, comp=Z,5.0nm,0.2s

Table with columns for station name, time, frequency, and status. Includes stations like KURK Kurchatov, TCMR Tamitsa, SURA Surathni, etc.

Table with columns for station name, time, frequency, and status. Includes stations like GYA comp=Z,20nm,1.0s, GYA comp=Z,130nm,5.6s, etc.

Table with columns for station name, time, frequency, and status. Includes stations like E30A Jud, B28A Dugan Ranch, D29A Pettibone, etc.





Table with columns: Code, Station Name, Az, El, Op, PKP, PKPdf, Time, Res. Includes entries for 319A Douglas, X16A Lo Mia Camp, TUC Tucson, etc.

MOS 14 04:50:14.4,0.9,6.87S:29.77E,h10km,mb5.7/85, MS5.1/27,Error ellipse: s-maj=17.3km s-min=4.2km az=96.4
IDC 14 04:50:15.5,0.4,6.79S:29.78E,h0km,mb5.1/24, mb1 5.2/25,mb1mx5.1/29,mbmp5.1/25,ML5.4/1,MS5.0/4, Ms1 5.0/4,ms1mx4.6/25,Error ellipse: s-maj=16.6km s-min=11.9km az=78.0
ISCJB 14 04:50:15.9,0.2,6.71S:0.02:29.79E:0.03,h10km,mb5.4/215,MS5.2/163,Error ellipse: s-maj=4.7km s-min=3.3km az=15.7
BUJ 14 04:50:16.5,6.45S:29.69E,h10km,mb5.4/27,mb5.4/40, Ms5.4/30,Ms7.5/31
NEIC 14 04:50:17.3,0.1,6.78S:29.82E,h10km,mb5.5/108, MS5.3/139,Error ellipse: s-maj=5.1km s-min=3.0km az=85.0
NEIC Felt [V] at Mpanda and [I] at Tabora, Tanzania. Also felt at Karema and Kigoma. Felt [I] at Kalemie, Congo. Also felt at Kabalo. Felt at Mbala, Zambia.
GCMT 14 04:50:19.6,0.2,6.97S:29.71E,h31km,MW5.3, Moment Tensor Solution, s42,c53; s86,c139; Moment tensor: Sca=1.017Nm; M=1.02e-06; Mw=0.14; 04; Mw1.22; 04; Mw=0.42; 05; Mw=0.09; 03; Mw=0.45; 04; Best double couple: M=1.3000e+10; NP1=155.0000; 859.0000; -1.109.0000; -NP2=10.0000; 636.0000; -1.61.0000; Principal axes: T 1.3300,Plg12.0000; Azm259.0000; N -0.0600,Plg16.0000; Azm165.0000; P -1.2700,Plg69.0000; Azm24.0000; Data Used: II IU CU IC CN G.

Table with columns: Code, Station Name, Az, El, Op, PKP, PKPdf, Time, Res. Includes entries for DODT Dodoma, MBAR Mbarara, LSZ Lusaka, KMBO Kilima Mbogo, etc.

Table with columns: SLR, AOB, AMB, etc. Includes entries for Silvertown, Desse, Ambohitrdratomo, etc.

Table with columns: PRK, AOS, AOB, etc. Includes entries for Paraskevi, Alonnissos, Ambohitrdratomo, etc.

Table of station call letters, frequencies, and signal strength data for the first section of the frequency list.

Table of station call letters, frequencies, and signal strength data for the second section of the frequency list.

Table of station call letters, frequencies, and signal strength data for the third section of the frequency list.





531

Table with 6 columns: Property Name, Address, Price, Change, and Agent. Rows include properties like ILAR, G29A, KSU1, SNZO, etc.

2009 NOV

Table with 6 columns: Property Name, Address, Price, Change, and Agent. Rows include properties like E23A, W33A, Q30A, U32A, etc.

14d 4h

Table with 6 columns: Property Name, Address, Price, Change, and Agent. Rows include properties like S28A, G21A, 433A, Y31A, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like H18A Shoshone NF, C, 430A Baggett Ranch, 220A Wattenberg Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like 224A Sheeppen Canyon, 225A Deer Hill, Car, V22A San Miguel Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like NVAR Mina Array Bea, 113A Mohawk Valley, Y12C Blythe, etc.

NIED 14 04:58:00, 33:20N, 141:60E, h5km, Mw4.3 Best double couple: M2.83000x1015 NP1.9x355.00000, 857.00000, lambda11.00000. NP2.0x140.00000, 839.00000, lambda61.00000. IDC 14 04:58:40.5, 0.6, 33.11N, 141.47E, h0km, mb4.4/17 mb1 4.5/20, mb1mx4.2/29, mbtmp4.4/20, ML4.4/2, MS3.6/3, Ms1 3.6/3, m1mx3.1/41, Error ellipse: s-maj=22.6km s-min=12.5km az=88.0. ISCJB 14 04:58:42.0, 1.3, 33.04N, 141:60E, 0.06, h25km, 9km, mb4.6/41, MS4.4/3, Error ellipse: s-maj=9.2km s-min=3.9km az=157.8. JMA 14 04:58:42.0, 2.0, 33.18N, 141:55E, h7km, M4.2. NEIC 14 04:58:43.6, 1.9, 33.09N, 141:53E, h21km, 13km, mb4.8/20, MW4.2(NIED), Error ellipse: s-maj=8.5km s-min=5.2km az=78.0. MOS 14 04:58:43.5, 1.3, 33.11N, 141:54E, h33km, mb4.8/20, Error ellipse: s-maj=14.3km s-min=7.8km az=107.9. ISC 14 04:58:40.5, 2.7, 33.07N, 141:62E, 0.06, h3km, 16km, n137, s114/146, mb4.6/41, MS4.5/3, 2-C, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like JHJ2 Mitsune, JHJ2 Mitsune, JHCJ Hachiojimakas, etc.

Table of astronomical observations for 2009 NOV, including stations like ZALV, MK31, MKAR, etc., and objects like Zalesovo Beam, Makanchi Array, etc.

Table of astronomical observations for 2009 NOV, including stations like TXAR, TSMU, DBIC, etc., and objects like Lajitas Array, Tsumeb, etc.

ISCJB 14 05:09:34.6±0.8, 6.94S±0.10, 29.9E±0.1, h10km, mb3.8/5, Error ellipse: s-maj=20.3km s-min=13.0km az=20.6

IDC 14 05:09:35.7±1.2, 6.90S±0.29, 79E, h0km, mb3.8/5, mb1 4.0/7, mb1mx3.7/24, mbtmp4.0/7, ML4.7/2, Error ellipse: s-maj=30.0km s-min=23.3km az=108.0

ISC 14 05:09:36.7±0.8, 6.99S±0.08, 29.78E±0.07, h10km, n8, Error ellipse: s-maj=16.0km s-min=8.5km az=46.0

Table of astronomical observations for 2009 NOV, including stations like DODT, LSZ, KMBO, etc., and objects like Dodoma, Tanzania, Lusaka, etc.

IDC 14 05:35:27.7±1.5, 1.70S±13.53W, h0km, mb3.8/9, mb1 4.0/10, mb1mx3.8/23, mbtmp3.9/10, ML4.2/1, MS4.0/4, MS1 4.0/4, ms1mx3.8/23, Error ellipse: s-maj=97.9km s-min=15.9km az=138.0

ISC 14 05:35:27.2±0.7, 2.3S±0.1:12.9W±0.2, h10km, n23, Error ellipse: s-maj=16.0km s-min=8.5km az=46.0

ASC 14 05:35:27.2±0.7, 2.3S±0.1:12.9W±0.2, h10km, n23, Error ellipse: s-maj=16.0km s-min=8.5km az=46.0

Table of astronomical observations for 2009 NOV, including stations like H10N2, H10N1, H10N3, etc., and objects like ASCENSION HYDR, Torodi Arr, etc.

WEL 14 06:14:02.1±0.1, 41.30S±174.50E, h35km±1km, ML3.5/16, SC-11 D, Error ellipse: s-maj=0.7km s-min=0.6km az=0.0, Cook Strait

Table of astronomical observations for 2009 NOV, including stations like SIV, EIL, GERS, etc., and objects like San Ignacio, Elat, etc.

MAN 14 05:52:23.9±31N±125°54E, h4km, mb4.0, ML2.8, MS2.5, Mindanao

Table of astronomical observations for 2009 NOV, including stations like BUTP, MUSU, etc., and objects like Butuan, Musuan, etc.

CASC 14 05:55:56.5±1.6, 13.11N±89.81W, h18km±7km, MD3.6, EI Salvador

Table of astronomical observations for 2009 NOV, including stations like SBLS, SNE, etc., and objects like San Blas, San Jose, etc.

Table of astronomical observations for 2009 NOV, including stations like BUTP, MUSU, etc., and objects like Butuan, Musuan, etc.

ISCJB 14 06:05:38.8±0.5, 9.00S±0.08, 115°39'E±0.05, h98km, mb3.4/3, Error ellipse: s-maj=11.6km s-min=5.2km

DJA 14 06:05:40.7±0.5, 9°S±10.11°E±1, h76km±10km, MB3.8/13, MLV3.8/13

IDC 14 06:05:53.0±9.8, 9.37S±116°08'E, h170km±78km, MB3.1/3, mb1 3.3/4, mb1mx3.1/20, mbtmp3.7/4, Error ellipse: s-maj=11.6km s-min=6.3km az=46.0

ISC 14 06:05:39.5±0.9, 8.95S±10.10, 115.40E±0.05, h98km, n17, Error ellipse: s-maj=11.6km s-min=5.2km

Table of astronomical observations for 2009 NOV, including stations like KHKI, MTNI, etc., and objects like Kahang-Kahang, Matarang, etc.

WRA 14 06:05:21.3±2.3, 12.3S±0.7m, 0.4S, bsz=299, slow=12, SNR=9.3

ASAR 14 06:05:21.3±2.3, 12.3S±0.7m, 0.4S, bsz=308, slow=8.9, SNR=19

STKA 14 06:05:21.3±2.3, 12.3S±0.7m, 0.4m, 0.3S, bsz=314, slow=11, SNR=3.6

ISCJB 14 06:09:03.7±0.7, 17.8S±0.2±39.9E±0.1, h10km, mb3.8/9, Error ellipse: s-maj=21.8km s-min=13.7km az=174.0

IDC 14 06:09:03.9±0.9, 17.81S±39.85E, h0km, mb3.8/9, mb1 3.9/10, mb1mx3.7/28, mbtmp3.9/10, ML3.6/1, MS3.1/1, MS1 3.1/1, ms1mx2.7/27, Error ellipse: s-maj=30.7km s-min=22.0km az=169.0

ISC 14 06:09:05.2±0.8, 17.9S±0.2:39.97E±0.09, h10km, n13, Error ellipse: s-maj=16.0km s-min=8.5km az=46.0

Table of astronomical observations for 2009 NOV, including stations like OPO, TSMU, etc., and objects like Amohidratompo, Tsumung Arr, etc.

WEL 14 06:14:02.1±0.1, 41.30S±174.50E, h35km±1km, ML3.5/16, SC-11 D, Error ellipse: s-maj=0.7km s-min=0.6km az=0.0, Cook Strait

Table of astronomical observations for 2009 NOV, including stations like SNZO, TCW, etc., and objects like South Karori, Tory Channel, etc.

MAN 14 05:52:23.9±31N±125°54E, h4km, mb4.0, ML2.8, MS2.5, Mindanao

Table of astronomical observations for 2009 NOV, including stations like BUTP, MUSU, etc., and objects like Butuan, Musuan, etc.

CASC 14 05:55:56.5±1.6, 13.11N±89.81W, h18km±7km, MD3.6, EI Salvador

Table of astronomical observations for 2009 NOV, including stations like SBLS, SNE, etc., and objects like San Blas, San Jose, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Pori Road, Takapari Road, Pukenui, Waipukurau, etc.

14d 06:25:17.1±2.4, 54.29N, 85.92E, h0km, mb3.2/1, mb1mx2.9/29, mbtmpt2.0, ML3.2/2, Error ellipse: s-maj=18.8km s-min=6.6km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Zalesovo INFRA, Zalesovo Beam, etc.

MEX 14 06:34:27.8±0.8, 16.54N, 95.63W, h16km±67km, MD3.8, Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Huatulco, Vista Hermosa, Pinotepa, etc.

14d 06:43:18.6±7.0, 19.90S, 178.73E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/16, mbtmpt3.6/3, Error ellipse: s-maj=1243.0km s-min=158.1km az=81.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Stephens Creek, Warramunga Arr, etc.

ISCJB 14 07:02:55.2±0.4, 12.65N, 88.22W, h0km, mb3.7/6, mb1 3.8/3, mb1mx3.6/16, mbtmpt3.6/3, Error ellipse: s-maj=12.1km s-min=3.8km az=37.6

ISC 14 07:02:55.7±2.3, 12.59N, 88.22W, h2km±22km, mb3.4/6, mb1 3.7/9, mb1mx3.5/27, mbtmpt3.6/3, ML3.2/3, MS2.4/1, Ms1 2.4/1, ms1mx2.1/27, Error ellipse: s-maj=49.0km s-min=12.5km az=48.0

CASC 14 07:02:56.1±2.3, 12.65N, 88.21W, h37km±681km, MD3.9, ISC 14 07:02:55.4±1.1, 12.59N, 0.07, 88.20W, h5km±12km, n32, ±r160/42, mb3.6/6, 2C-2D, Off coast of central America

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Conchagua, San Miguel, Cacacitlan, etc.

MEX 14 07:08:24.2±0.3, 16.09N, 95.09W, h52km±16km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Huatulco, Vista Hermosa, Pinotepa, etc.

Table with columns: TLIG, Tlapa, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like RAR Rarotonga, CTA 0.7m, etc.

14d 07:13:32.1±2.5, 25.51S, 174.17W, h0km, mb3.7/4, mb1 4.1/5, mb1mx3.8/19, mbtmpt3.9/5, ML4.5/1, Error ellipse: s-maj=214.8km s-min=26.9km az=166.0, South of Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like RAR Rarotonga, WRA Warramunga Arr, etc.

14d 07:26:12.4±0.8, 48.20N, 154.25E, h0km, mb3.8/16, mb1 4.0/17, mb1mx3.9/29, mbtmpt3.8/17, ML3.3/1, MS2.2/1, Ms1 2.2/1, ms1mx2.0/40, Error ellipse: s-maj=23.8km s-min=16.4km az=169.0

MOS 14 07:26:16.6±0.9, 48.24N, 154.35E, h43km, mb4.1/12, Error ellipse: s-maj=24.5km s-min=15.6km az=95.1

ISCJB 14 07:26:17.5±0.6, 48.17N, 0.08, 154.4E, 0.1, h51km, mb3.7/18, Error ellipse: s-maj=14.4km s-min=6.9km az=136.2

SKHL 14 07:26:19.7±0.6, 48.20N, 154.40E, h70km±56km, mb4.7/2, ISC 14 07:26:19.6±0.7, 48.20N, 0.1, 154.3E, 0.1, h51km, n39, ±136/29, mb3.8/18, Kuril Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Severo-Kuril'sk, Kuril'sk, etc.

MEX 14 08:28:12.4±1.0, 16.97N, 100.13W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like El Cayaco, Acapulco, Mezcala, etc.

NIED 14 08:34:00.32, 10N, 141.00E, h2km, Mw3.9 Best double couple: Mb.68000±1014 NP1.±170.00000°, λ83.00000°, 1.90.00000°. NP2.±349.00000°, λ87.00000°, λ89.00000°.

ISC 14 08:34:36.1±0.8, 31.84N, 140.80E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.8/23, mbtmpt3.7/9, MS2.7/1, Ms1 2.7/1, ms1mx2.2/37, Error ellipse: s-maj=28.6km s-min=21.3km az=86.0

ISCJB 14 08:34:42.4±0.9, 31.93N, 0.05, 141.0E, 0.1, h59km±9km, mb3.7/9, Error ellipse: s-maj=14.5km s-min=8.1km az=170.4

JMA 14 08:34:43.9±0.2, 32.10N, 141.01E, h2km±2km, M4.0, ISC 14 08:34:42.7±1.4, 31.88N, 0.05, 141.00E, 0.10, h46km±14km, n30, ±r145/31, mb3.8/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Hachijojimakas, Mitsune, Boso, etc.

KRSC 14 07:36:50.6±2.2, 60.54N, 166.61E, h12km±12km, ML5.1, Eastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Tilk, Tosora, Palana, etc.

IDC 14 07:46:52.1±2.1, 8.30S, 130.40E, h0km, mb3.2/1, mb1 3.4/4, mb1mx3.3/17, mbtmpt3.2/4, ML2.9/3, Error ellipse: s-maj=78.6km s-min=28.9km az=78.0, Tanimbar Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 14 08:19:13.2±1.9, 3.75S, 126.11E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.4/22, mbtmpt3.4/4, Error ellipse: s-maj=107.9km s-min=26.0km az=69.0, Talaud Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

WEL 14 08:25:08.1±0.1, 37.05S, 178.85E, h12km, ML3.4/4, 4C, Error ellipse: s-maj=2.2km s-min=1.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like MXZ Matakaoa Point, Puketiti, Carnagh Statio, etc.

MEX 14 08:28:12.4±1.0, 16.97N, 100.13W, h5km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like El Cayaco, Acapulco, Mezcala, etc.

NIED 14 08:34:00.32, 10N, 141.00E, h2km, Mw3.9 Best double couple: Mb.68000±1014 NP1.±170.00000°, λ83.00000°, 1.90.00000°. NP2.±349.00000°, λ87.00000°, λ89.00000°.

ISC 14 08:34:36.1±0.8, 31.84N, 140.80E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.8/23, mbtmpt3.7/9, MS2.7/1, Ms1 2.7/1, ms1mx2.2/37, Error ellipse: s-maj=28.6km s-min=21.3km az=86.0

ISCJB 14 08:34:42.4±0.9, 31.93N, 0.05, 141.0E, 0.1, h59km±9km, mb3.7/9, Error ellipse: s-maj=14.5km s-min=8.1km az=170.4

JMA 14 08:34:43.9±0.2, 32.10N, 141.01E, h2km±2km, M4.0, ISC 14 08:34:42.7±1.4, 31.88N, 0.05, 141.00E, 0.10, h46km±14km, n30, ±r145/31, mb3.8/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Hachijojimakas, Mitsune, Boso, etc.

KRSC 14 07:36:50.6±2.2, 60.54N, 166.61E, h12km±12km, ML5.1, Eastern Siberia

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC. Rows include stations like Tilk, Tosora, Palana, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MKAR, WRA, ILAR, ASAR, FINES, AKASG, NVAR, TXAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entry for DDA 14 08:44:22.2, 36.98N, 34.63E, h7km, MD2.9, Turkey.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TAP 14 09:06:14.2, 24.59N, 121.64E, h44km, ML3.9, 6C-9D, A, Taiwan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CHN1, SGST, TWG, EAST, SCZT, KNZT, SCMT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 14 09:28:40.2, 0.5, 43.22N, 0.02, 18.14E, 0.03, h5km, 5km.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BRY, ENT, ENA, TWC, ILA, ILA, NSK, NNS, NNS, EHP, TAP1, TAP1, TAP, NWF, NWF, TWD, TWD, TWB1, TWT, TWT, TWS1, TWS1, NCU, NCU, WHF, WHF, NSTT, NSTT, HWA, HWA, HSN, HSN, HSN, TWY, TWY, ESF, ESF, ESL, ESL, NSY, NSY, TSW1, TSW1, SMLT, SMLT, TCU, TCU, TYC, TYC, TYC, PCHY, PCHY, EHY, EHY, WNT, WNT, YOJ, YOJ, YUS, YUS, YUS, YUS, TWF1, TWF1, ALS, ALS, ALS, CHNS, CHNS, WKG, WKG, ELDTV, ELDTV, CHY, CHY, WTP, WTP, TWK, TWK, TWK, TWK, CHN1, CHN1.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for H08S1, WITZ, WRA, ASAR, ASAR, MKAR, STKA, ZALV, BVAR, BRTR, FINES, HFS, TXAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 14 09:46:44.4, 1.2, 7.05S, 0.08, 30.4E, 0.2, h10km, mb3.7/2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DODT, MBAR, MBAR, MBAR, KMBO, KMBO, KMBO, KMBO, TORD, TORD, ISCJB 14 09:50:42.9, 1.2, 12.13S, 0.04, 166.16E, 0.04, h8km, 8km.









Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LZH Lanzhou, YAK Yakutsk, and various international stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like AKKB Malin Array Si, AK11 Malin Array Si, and various international stations.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like STKA Stephens Creek, MKAR Makanchi Array, and various international stations.

ASAR Alice Springs 22.64 217 P P 12 26 29.6 -0.7
0.5m, 0.5s, baz=48, slow=10, SNR=2.1
TORD Torodi Ar. Bea 146.60 285 PKPbc PKPdf 12 41 11.2 +0.7
0.2m, 0.6s, baz=94, slow=3.5, SNR=2.3

IDC 14 12:21:53.9;1.5, 15.71S;173.45W, h0km, mb3.8/7,
mb1 4.1/7, mb1mx4.0/18, mbtmp3.8/7, MS3.9/19,
Ms1 3.9/19, ms1mx3.7/38, Error ellipse: s-maj=100.8km
s-min=20.2km az=147.0
ISCJB 14 12:21:58.6;1.3, 15.65S;0.5;173.6W;0.4, h42km, mb3.7/7,
MS4.0/18, Error ellipse: s-maj=90.6km s-min=16.8km
az=147.8

ISC 14 12:22:00.1;1.5, 15.65S;0.5;173.6W;0.4, h42km, n33,
o695R, mb3.8/7, MS4.1/18, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like AFI Afiamalu, AFI 73nm, PPT2 Papeete2, TBI Tubuai, HNR Honiara, PMG Port Moresby, H1S2 WAKE ISLAND HY 39.09 329, H1S3 WAKE ISLAND HY 39.10 329, H1S1 WAKE ISLAND HY 39.10 329, H1N3 WAKE ISLAND HY 40.04 331, H1N1 WAKE ISLAND HY 40.05 331, H1N2 WAKE ISLAND HY 40.06 331, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, JCJ Chichijima, VNDA Vanda, NVAR Mina Array Bea, KSRs Korea Array, USRK Ussuriysk Arr, TXAR Lajitas Array, PDAR Pinedale Array, ILAR Eielson Array, USHA Ushuaia, MAW Mawson, APG El Apazote, PLCA Paso Flores, JNTS JuntasAbangare, SNAE Sanae, ATAH Atahualpa, ULM Lac du Bonnet, CFAA Coronel Fontan, TKL Tuckaleechee C, BRTR Keskin Array B.

IDC 14 12:34:13.9;26.0, 21.15S;173.27W, h0km, mb4.2/4,
mb1 4.3/4, mb1mx3.9/19, mbtmp4.2/4, Error ellipse:
s-maj=48.6km s-min=151.5km az=75.0, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

IDC 14 12:40:27.5;2.9, 18.98S;177.71W, h526km, 36km, mb3.1/5,
mb1 3.3/6, mb1mx3.1/19, mbtmp3.2/6, Error ellipse:
s-maj=104.7km s-min=20.1km az=156.0
ISCJB 14 12:40:28.4;1.6, 18.7S;0.6;177.8W;0.4, h557km, mb3.7/5,
Error ellipse: s-maj=98.6km s-min=10.9km az=150.0
ISC 14 12:40:29.3;1.6, 18.6S;0.7;177.8W;0.4, h557km, n6,
o19117, mb3.7/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include AFI Afiamalu, AFI 3.0m, CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array.

ISCJB 14 12:56:13.8;0.2, 10.72N;0.02;62.59W;0.02, h106km, 2km,
mb4.0/17, Error ellipse: s-maj=4.4km s-min=2.7km
az=141.4

TRN 14 12:56:15.8, 10.72N;62.54W, h100km, MD4.2
TRN Felt (III) in Glencro, Trinidad,
NEIC 14 12:56:15.7, 10.71N;62.50W, h97km, MD4.1 (TRN),
MW4.2 (CAR), After CAR.

NEIC Felt on Trinidad.
FUNV 14 12:56:16.0, 10.69N;62.50W, h95km, MW4.2
IDC 14 12:56:16.2;1.2, 10.90N;62.63W, h113km, 20km, mb3.6/15,
mb1 3.8/15, mb1mx3.6/27, mbtmp4.0/15, MS3.2/5,
Ms1 3.2/5, ms1mx2.8/38, Error ellipse: s-maj=18.6km
s-min=15.0km az=75.0

ISC 14 12:56:14.9;0.6, 10.69N;0.03;62.58W;0.03, h108km, 5km,
n164, o136/213, mb3.9/17, 39C-50D, Near coast of
Venezuela

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GUVI Guiria, GUVI 0.35 97 eP, GUVI 0.64 214 eP, GUVI 0.64 214 fP.

Main table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include GUNV Carupano, TCE Chacachacare, TRN Trinidad (W), TRN Trinidad (W), TPP Pointe-a-Pierre, TBP Pointe-a-Pierre, TBH Brigand Hill, TBH Brigand Hill, GRGR Grenville, GRW Mount Saint Ca, GRW Mount Saint Ca, GRW Sauteurs, GRHS Sauteurs, GRHS Sauteurs, ORIV Oritupano, ORIV Oritupano, TPR Prospect, TPR Prospect, GRSS Sisters, GRSS Sisters, BOT Bacolet, BOT Bacolet, BOT Bacolet, GCT GCT, PCRV Puerto La Cruz, PCRV Puerto La Cruz, TOSP Speyside, RIOV Rio Grande, RIOV Rio Grande, FCV Fort Charlotte, FCV Fort Charlotte, FCV Fort Charlotte, PRGV PARIAGUAN, PRGV PARIAGUAN, PRGV PARIAGUAN, SVB Belmont, SVB Belmont, SVB Soufriere Volc, SVV Soufriere Volc, GURV El Guri, GURV El Guri, GURV El Guri, GURV Cœpiria, CUPV Cœpiria, CUPV Cœpiria, MCLT Moule a Chique, MCLT Moule a Chique, MCLT Moule a Chique, BHRV Bironogo, ORCV Isla La Orchil, ORCV Isla La Orchil, ORCV Isla La Orchil, MERV Las Mercedes, MERV Las Mercedes, MERV Las Mercedes, H05S1 Gadeloupe/Mar, TRMF Trois Ilets, ZAM Aeronautique, LPMF Morne Lapointe, FDF Fort de France, BFM Bellevue, LUEV Luepa, LUEV Luepa, TURV Turiamo, BAUV El Baul, BAUV El Baul, BAUV El Baul, H05N1 Gadeloupe/Mar, MAPV Macapao, MAPV Macapao, TEVP Terapima, SANV Sanarito, SIOV Siquisiqui, CURV Curarigua, ELOR Elorza, MTP Monte Pirata, SJP San Juan, CRPR Cabo Rojo, CRPR Socops, AGPR Aguadilla, PR, VIRV Villa del Rosa, SIV San Ignacio, SIV San Ignacio, CPUV Florida, 532A Sanarito, JCT Junction City, 230A Sterling City, 130A Snyder, Z30A Sanderson Ranc, 528A Cox Ranch, 428A Kincaid Ranch, 439A Connelly Farm, 123A Stewart Farms, Z29A Hungry Hill Ra, Y29A Porterfield Fa, TXAR Lajitas Array, 427A Hayter Ranch.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include Y28A McKinney Farm, Q31A Ellis, 426A McDonald Obser, MSTX Muleshoe, Z27A Tatum, Y27A Causey, X27A F and S Farms, W27A Bowe Ranch, En, SCHO Schefferville, V27A comp=Z, 28nm, 18.7s, V27A Walsh, U27A Thompson Grove, W26A Owens Ranch, T, Y25A Mesa, Roswell, Y26A Tequesquite Ra, U26A Atchley Ranch, W25A X Bar L Ranch, R27A Gads, Y24A Capitan, V25A Ranch No T eng, U25A Circle Dot Ran, W24A Lazy 6 Ranch, T25A Trinidad, Y23A Lovelace Mesa, V24A Rampart Ranch, S25A Roberts Cordova, J29A Okreek, W23A Werner Place, G30A Faulcon, ANMO Albuquerque, V23A Ortiz Mil. (NFS), S24A Houchin Ranch, U23A El Rito, I28A Midland, E30A Jud, U22A Llavas, D30A Buchanan, E29A Napoleon, C30A Mose, Pekin, F28A McLaughlin, D29A Pettibone, Tap, ISCO Idaho Springs, H27A Howes, S22A 4UR Ranch, Cre, U22A Lac du Bonnet, M24A Chayenne, E28A Huff, G27A Dupree, MDND Maddock, D28A Regan, F27A Lemmon, G26A Maurine, B29A Wagenman Farm, F26A Lodgepole, L23A Garrett, E26A Carlson Angus, K23A Bowen Ranch, D, C27A Saylor Ranch, D26A Manning, C25A Freed Ranch, W, DGMT Dagmar, DGMT Dagmar, B23A Brockton, PLCA Paso Flores, PDAR Pinedale Array, NVAR Mina Array Bea, TORD Todoli Ar. Bea, YKA Yellowknife Ar, ILAR Eielson Array, ARCES ARCES Array B, FINES FINES Array B, BTRF BTRF Array B, MMAI Mount Meron Ar.

MEX 14 13:03:20.5;0.7, 16.48N;99.28W, h11km, 10km, MD3.6,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include ACX Acapulco, CAIG El Cayaco, CAIG El Cayaco, PNIG Pinotepa, PNIG Pinotepa, TLIG Tiapa, MEIG Mezcala, PLIG Platanillo, PLIG Platanillo, ARIG Puente Sto Nin.

14d 13h

Table with columns: ARIG, YAIG, YAIG, s, S, Sn, 13 04 16.0, -4.9, etc.

IDC 14 13:03:33.6, 0.6, 17.12N; 73.81E, h0km, mb4.4/23, mb1 4.5/23, mb1mx4.4/28, mbmp4.4/23, MS3.8/15, Ms1 3.8/15, ms1mx3.7/26, Error ellipse: s-maj=19.7km s-min=12.5km az=35.0

BUI 14 13:03:34.7, 16.85N; 73.79E, h28km, mb4.8/7, mb4.8/12, Ms4.6/11, Ms7 4.4/9

NEIC 14 13:03:34.7, 0.4, 17.09N; 73.83E, h10km, mb4.7/14, ML4.8(HYB), Error ellipse: s-maj=11.1km s-min=7.4km az=47.0

NEIC Felt (V) at Chinchwad, Pune and Wai; (II) at Panaji; (III) at Bombay. Also felt at Mahabaleswar, Navi Mumbai, Rahmatpur and Thane.

NDI 14 13:03:34.9, 2.7, 17.14N; 73.75E, h10km, ML4.8, mb4.7(NEIC)

GCMT 14 13:03:36.2, 0.3, 17.10N; 73.74E, h12km, MW4.8, Moment Tensor Solution: s15,c17: s57,c85: Moment tensor: Scale 10^16Nm: Mr=1.65e-06; Mw0.15e-06; Mw1.50e-06; Mw0.54e-06; Mw0.39e-06; Mw0.12e-06; Best double couple: M1.70000e+10i6 Np13e+329.0000e0; 848.0000e0, lambda-113.0000e0; N. 0.2100, Plg16.0000e0; Azm345.0000e0; P -1.8100, Plg74.0000e0; Azm166.0000e0; Data Used: IC G II CU. Surface wave period40 sec.

MOS 14 13:03:36.7, 1.3, 17.08N; 73.83E, h33km, mb4.9/22 Error ellipse: s-maj=11.5km s-min=6.2km az=111.2

ISCJB 14 13:03:37.0, 0.5, 17.16N; 0.03:74.05E,0.04, h37km, 4km, mb4.5/33, MS3.9/17, Error ellipse: s-maj=5.8km s-min=5.4km az=28.3

BKK 14 13:03:39.3, 0.4, 17.7N; 73.74E, h10km, M4.7/15, mb5.4/4, mb4.5/15, Mw(mb)4.8/4

ISC 14 13:03:36.7, 0.6, 17.14N; 0.04:73.84E,0.04, h17km, 3km, n186, e1973/175, mb4.5/33, MS3.9/18, 9C-7D, Southern India

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

2009 NOV

Main station list table (middle section) with columns: Station Name, Azimuth, Phase ID, Time, Res

Main station list table (right section) with columns: Station Name, Azimuth, Phase ID, Time, Res



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRER, AVH, KOK, PET, MKZ, RUS, GNL, MTRV, GRL, KZV, ASAK, TUMR, KMR, KMINR, MIPR, KOZ, ES, KLY, SRDR, KBTR.

IDC 14 13:34:33.3.0.9, 17.13N:73.69E, h0km, mb3.9/10, mb1.4/0.10, mb1mx3.8/26, mbtmp3.9/10, Error ellipse: s-maj=27.9km s-min=18.9km az=54.0

ISCJB 14 13:34:34.6.0.7, 17.34N:0.07:73.82E:0.05, h17km, mb3.9/12, Error ellipse: s-maj=10.6km s-min=7.0km az=6.1

NEIC 14 13:34:34.5.0.8, 17.06N:73.75E, h10km, mb4.3/3, Error ellipse: s-maj=20.9km s-min=13.9km az=68.0

NDI 14 13:34:35.5.2.2, 17.18N:73.83E, h10km, ML4.1, mb4.3(NEIC)

Main station list table for the left column, including stations like Karad, Poona, Latur, Mangalore, Hyderabad, Akola, Nagpur, Bhopal, BHPL, BHJ, PALK, KOLN, KOLM, SMLA, DANN, GKN, DMN, PKIN, PKI, KKN, DRHM, RAMN, RAN, GUN, JIRN, ODAN, TAPN, LSA, CMAR, MKAR, KURBB, KURK, BVAR, ZALV, USRK, ARCES, WRA, WRAB, ASAR, PDAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KII, SDLR, UGLR, SMAR, KREER, AVH, KOK, PET, RUS, GNL, MTRV, GRL, ASAK, MIPR, KBTR.

ISCJB 14 14:33:37.6.0.9, 15.19N:0.02:60.36W:0.05, h24km, 5km, mb4.1/1, Error ellipse: s-maj=8.7km s-min=3.3km az=171.0

TRN 14 14:33:37.6.15: 15N:60.55W, h19km, MD4.4, M3.5(DFD) NEIC 14 14:33:37.8.15: 10N:60.58W, h13km, MD4.2, M3.5(DFD), MD4.4(TRN), After TRN.

NEIC Felt at La Mentin, Felt [I] at Portsmouth, Dominica. Also felt at Atkinson and Colling.

ISC 14 14:33:39.8.2.0, 15.17N:0.03:60.47W:0.07, h31km, 14km, n68, c1905/98, 8C-7D, Leeward Islands

Main station list table for the middle column, including stations like Bellevue, Montagne Vauc, Morne Lapointe, Fort de France, Aeronautique, Stowe, Trois Ilets, Belle View Cho, Belle View Cho, Scott's Head, Scott's Head, Morne-Daniel, Morne-Daniel, Marie-Galante, Desirade, Guadalupe-1, Guadalupe-2, Bois Riant Cap, Houelmont, Breislach, Belfond, Belfond, Tarade, Carmichael, Saint Claude, Fond-Bernard, Sans Toucher, Mont-d'Or, Moule a Chique, Moule a Chique, Port Louis, Guadalupe-1, Barnard House, Barnard House, Soufriere Volc, Soufriere Volc, Belmont, Belmont, Fort Charlotte, Fort Charlotte, Gun Hill, Willy Bob, Willy Bob, Sisters, Sisters, Saint Kitts, Saint Kitts, Sauteurs, Sauteurs, Mount Saint Ca, Mount Saint Ca, Grenville, Grenville, Speyside, Trinidad (W), Trinidad (W), Brigand Hill, Brigand Hill, Monte Pirata, San Juan, Cerrillos, Cabo Rojo, Las Mesas, Presa de Saban, La Paz.

MAN 14 14:52:37, 17.89N:120.52E, h27km, mb4.3, ML3.1, MS2.9, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Brgy, Tapao, Dolores, Conner.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes CAUP, WRA, ASAR, STKA, MKAR.

IDC 14 15:27:16.1.1.7, 10.07S:161.70E, h88km, 9km, mb3.4/4, mb1.3/6.4, mb1mx3.4/18, mbtmp3.4/4, Error ellipse: s-maj=32.8km s-min=14.9km az=31.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes HNR, WRA, H11S2, H11S3, H11S1, ASAR, H11N1, H11N3, H11N2, MKAR, MKAR.

IDC 14 16:29:45.7.1.6, 41.81S:174.50E, h0km, mb3.4/2, mb1.3/6.4, mb1mx3.5/15, mbtmp3.4/4, ML2.9/2, Error ellipse: s-maj=43.1km s-min=25.7km az=139.0

ISCJB 14 16:29:49.2.0.4, 41.88S:0.04:174.43E:0.04, h28km, mb3.3/2, Error ellipse: s-maj=5.8km s-min=3.1km az=146.7

WEL 14 16:29:50.3.0.2, 41.81S:174.44E, h20km, 1km, ML3.3/2.5, Error ellipse: s-maj=1.5km s-min=1.2km az=0.0

WEL Felt from Manawatu to Wellington, maximum reported intensity MM 4.

ISC 14 16:29:49.0.4.0.8, 41.79S:0.04:174.40E:0.03, h28km, n45, c1513/47, 1C-8D, Cook Strait

Main station list table for the right column, including stations like Cape Campbell, Blackbirch Sta, Tuamarina, Baring Head, South Karori, Wellington, Tory Channel, Palliser, Moikau Station, Cannon Point, Paruawai Farm, Kahutara, Nelson, Kapiti Island, Mount Morrison, Holdsworth Sta, Tophouse, Otaki Gorge, Moawhango, Mangatoinoka R, Post Office Ro, Lake Taylor, Denniston Nort, Wanganui, Takapari Road, Canterbury Lary, Pukenui, Oxford, Black Hill Sta, Turoa, Vera Road, Far West T-bar, Whakapapa, West Tongariro.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WTVZ, RPA, RPZ, HIZ, HIZ, URZ, URZ, ODZ, ASAR, WRA, WRA, ARCES, TORDI, TORDI, TORDI.

ISCJB 14 17:06:01.6, 0.7, 5.12S:0.048, 146.9E:0.1, h150km, mb3.8/6, Error ellipse: s-maj=16.8km s-min=10.9km az=10.8

IDC 14 17:06:10.9, 1.5, 5.47S:146.95E, h233km, 19km, mb3.4/6, m1 3.6/9, mb1mx3.4/7, mbtmp3.4/7, Error ellipse: s-maj=41.0km s-min=9.5km az=111.0

AUST 14 17:06:13.0, 5.5, 28S:147.08E, h300km, mb3.7/6, Error ellipse: s-maj=12.1km s-min=9.2km az=111.0

ISC 14 17:06:02.6, 1.1, 5.15S:0.146, 7.0E:0.2, h150km, m21, s240/17, mb3.7/6, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PMG, PMG, MTSU, TLE, CTA, KAKA, MTN, WRA, WRA, WRA, KND, KND, QLP, ASAR, ASAR, ARMA, STKA, HTT, MEEK, MORW, KLBR, USRK, PETK, ZALV, ILAR.

DJA 14 17:22:59.8, 1.6, 0.5S:14.13E, h10km, M4.7/3, mb5.0/2, ML4.5/3

IDC 14 17:23:01.2, 5.0, 48S:131.85E, h0km, mb4.0/3, m1 3.9/11, mb1mx3.8/19, mbtmp3.4/14, ML4.2/1, MS3.0/1, ms1 3.0/1, ms1mx2.0/27, Error ellipse: s-maj=169.8km s-min=24.1km az=110

ISCJB 14 17:23:05.0, 1.3, 0.69S:1.132E, h13km, mb4.0/3, MS3.0/1, Error ellipse: s-maj=15.3km s-min=9.8km az=176.8

AUST 14 17:23:15.5, 0.99S:131.50E, h100km, mb4.0/3, Error ellipse: s-maj=16.2km s-min=9.2km az=111.0

ISC 14 17:23:06.7, 1.0, 0.65S:0.099E, h31km, n18, s145/16, mb4.1/3, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SWI, SWI, SWI, MWEI, FAKI, FAKI, TLE, TLE, KDU, MTN, MANU, KNRA, WRA, ASAR, QLP, STKA, BLDU, KSR, MKAR.

IDC 14 17:23:49.2, 4.2, 24.4S:66.82W, h136km, 25km, mb2.9/2, m1 3.3/4, mb1mx3.2/7, mbtmp3.1/4, Error ellipse: s-maj=41.3km s-min=19.3km az=89.0

ISCJB 14 17:23:51.5, 0.9, 24.37S:0.06672W:0.1, h175km, 14km, mb3.0/2, Error ellipse: s-maj=16.2km s-min=9.2km az=3.1

GUC 14 17:23:55.4, 0.4, 23.97S:67.66W, h219km, 25km, ML4.4, Error ellipse: s-maj=16.2km s-min=9.2km az=3.1

ISC 14 17:23:51.3, 1.4, 24.35S:0.08670W:0.1, h154km, 15km, n15, s165/21, 3C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CEN1, CEN1, PB04, ANCH, ANCH, PB09, MACH, MACH, PB10.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like PB10, PB10, PB07, PB07, PBO1, PBO1, CFPA, CFPA, LPAZ, LPAZ, SIV, SIV, TXAR, TXAR, TORDI, TORDI, WRA, WRA, MKAR, MKAR.

IDC 14 17:35:44.2, 1.7, 1.52S:173.09W, h0km, mb3.9/5, m1 4.2/5, mb1mx4.0/19, mbtmp3.9/5, MS3.0/1, ms1mx2.5/23, Error ellipse: s-maj=99.3km s-min=23.7km az=146.0

ISC 14 17:35:47.6, 1.6, 14.9S:0.6173, 1W:0.4, h29km, n11, s251/7, mb3.5/5, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AFI, AFI, HNR, HNR, H1S2, H1S3, H1S1, STKA, WRA, ASAR, TXAR, ILAR, BRTR.

IDC 14 17:52:53.5, 0.7, 52.61N:160.41E, h0km, mb3.8/10, m1 3.9/11, mb1mx3.8/26, mbtmp3.8/11, ML4.1/1, Error ellipse: s-maj=22.4km s-min=13.7km az=174.0

MOS 14 17:52:53.9, 1.2, 52.67N:160.93E, h16km, mb4.1/8, Error ellipse: s-maj=17.4km s-min=13.0km az=40.7

KRSC 14 17:52:55.6, 4.6, 52.47N:160.65E, h10km, 10km, ML4.4, Error ellipse: s-maj=22.4km s-min=13.7km az=174.0

ISC 14 17:52:52.0, 1.7, 52.60N:0.0516, 90E:0.04, h2km, 10km, n50, s144/58, mb4.0/13, 3C-1D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like NLC, NLC, NLC, SDLR, UGLR, UGLR, PET, PET, PET, AVH, RUS, RUS, KKR, KKR, KKR, MTRV, MTRV, GRL, ASAK, ASAK, MKZ, MKZ, MKZ, PETK, PETK, PETK, PETK, GNL, SKR, SKR, SKR, SKR, SKR, SKR, FX1, USRK, MAJO, KSR, H1N2, H1N1, NYS, KURK, KURK, MKAR, MKAR, BRVK, BRVK, ARCES, TAM, TAM, TMCR.

ISC 14 17:52:53.5, 0.7, 52.61N:160.41E, h0km, mb3.8/10, m1 3.9/11, mb1mx3.8/26, mbtmp3.8/11, ML4.1/1, Error ellipse: s-maj=22.4km s-min=13.7km az=174.0

MOS 14 17:52:53.9, 1.2, 52.67N:160.93E, h16km, mb4.1/8, Error ellipse: s-maj=17.4km s-min=13.0km az=40.7

KRSC 14 17:52:55.6, 4.6, 52.47N:160.65E, h10km, 10km, ML4.4, Error ellipse: s-maj=22.4km s-min=13.7km az=174.0

ISC 14 17:52:52.0, 1.7, 52.60N:0.0516, 90E:0.04, h2km, 10km, n50, s144/58, mb4.0/13, 3C-1D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like NLC, NLC, NLC, SDLR, UGLR, UGLR, PET, PET, PET, AVH, RUS, RUS, KKR, KKR, KKR, MTRV, MTRV, GRL, ASAK, ASAK, MKZ, MKZ, MKZ, PETK, PETK, PETK, PETK, GNL, SKR, SKR, SKR, SKR, SKR, SKR, FX1, USRK, MAJO, KSR, H1N2, H1N1, NYS, KURK, KURK, MKAR, MKAR, BRVK, BRVK, ARCES, TAM, TAM, TMCR.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CMAR, KAF, KAF, FINES, FINES, AKASG, AKASG, AKASG, AKASG, KIV, KIV, WRA, WRA, BRTR, BRTR, ASAR, ASAR.

IDC 14 17:55:02.1, 5.8, 1.81S:99.19E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/22, mbtmp3.2/3, Error ellipse: s-maj=282.2km s-min=30.1km az=53.0, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like H0S2, H0S2, H0S1, WRA, WRA, ASAR, MKAR.

IDC 14 17:58:21.4, 3.0, 22.84N:11.83W, h0km, mb3.8/3, m1 3.9/4, mb1mx3.5/25, mbtmp3.7/4, ML3.2/1, Error ellipse: s-maj=101.6km s-min=39.9km az=85.0

ISC 14 17:58:23.1, 2.7, 22.77N:0.3311, 5W:0.4, h10km, n8, s085/7, mb3.7/3, Mauritania

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like BBT, MDT, TORD, TORD, TORD, GERES, FINES, MKAR, WRA, ASAR.

IDC 14 18:13:04.5, 1.8, 5.92S:153.19E, h0km, mb3.1/3, m1 3.6/5, mb1mx3.4/5, mbtmp3.4/5, ML3.4/2, Error ellipse: s-maj=100.6km s-min=24.8km az=129.0

ISC 14 18:13:07.8, 1.6, 6.45S:0.3, 153.6E:0.3, h29km, n6, s088/6, mb3.0/3, New Britain region

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

IDC 14 18:22:12.9, 1.9, 0.22S:125.28E, h0km, mb2.9/3, m1 3.2/3, mb1mx3.1/20, mbtmp3.0/3, Error ellipse: s-maj=193.4km s-min=27.5km az=64.0, Southern Illulessa Sea

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

IDC 14 18:24:10.8, 3.8, 15.62S:172.24W, h0km, mb3.7/4, m1 4.0/4, mb1mx3.8/19, mbtmp3.7/4, MS3.2/1, ms1 3.2/1, ms1mx2.7/26, Error ellipse: s-maj=138.1km s-min=22.4km az=128.0

ISCJB 14 18:24:15.8, 0.9, 15.35S:0.1726W:0.1, h35km, mb3.7/4, MS3.1/1, Error ellipse: s-maj=20.9km s-min=9.8km az=42.2

ISC 14 18:24:16.5, 1.1, 15.45S:0.1x172.4W:0.2, h35km, n8, s106/7, mb3.9/4, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AFI, AFI, AFI, PPT2, PPT2, TBI, TBI, HNR, STKA, WRA, ASAR, ILAR.

IDC 14 18:44:39.7, 0.7, 33.96N:25.63E, h0km, mb4.2/17, m1 4.2/26, mb1mx4.2/6, mbtmp4.1/26, ML3.8/3, MS3.8/3, Ms1 3.7/3, ms1mx2.8/50, Error ellipse: s-maj=14.9km s-min=12.2km az=167.0

ATH 14 18:44:41.9, 34.01N:25.55E, h23km, 1km, MD4.2/50, VIE 14 18:44:42.3, 34.07N:25.56E, h14km, mb4.1, ML4.0, HLW 14 18:44:42.6, 34.42N:26.01E, h15km, 31km, MD3.9, M13.4, MOS 14 18:44:43.2, 1.7, 34.02N:25.65E, h33km, mb4.3/18, Error ellipse: s-maj=10.8km s-min=5.2km az=84.4

CSEM 14 18:44:43.6, 0.2, 33.91N:25.63E, h30km, mb4.7/9, Error ellipse: s-maj=15.7km s-min=7.7km az=30.0

TEH 14 18:44:45.3, 33.90N:25.59E, h40km, ML4.6, UCC 14 18:44:45.0, 33.89N:25.61E, h50km, ML4.6, THE 14 18:44:46.2, 34.21N:25.49E, h4km, 1km, ML3.7/8, Error ellipse: s-maj=2.6km s-min=0.8km az=168.0

ISC 14 18:44:41.7, 1.5, 33.95N:0.0425, 63E:0.03, h12km, 9km, n367, s133/11, mb4.2/31, MS3.5, 6C-8D, Eastern Mediterranean Sea



2009 NOV

14d 19h

Table listing astronomical observations for 14d 19h. Columns include code, station name, magnitude, time, and remarks. Observations include events like BAIF Baives, ISHM Shahmirzad, and various array observations.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'ISC 14 19:06:23.1... 304.09N... 07.25.69E' with station names like Lasithi and ZKR.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'ISC 14 19:02:50.4... 12.21S... 165.55E' with station names like WTVZ and BHZ.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'WEL 14 19:08.2... 5.38S... 175.86E' with station names like WTVZ and BKZ.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'MOS 14 19:20:47.9... 5.53S... 108.63E' with station names like MXMB and OGRR.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'LSTR Listvyanka 2.66 239' with station names like ZRHB and TYRAN.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'LSTR Listvyanka 2.66 239' with station names like LSTR and IRK.

Table listing astronomical observations for 14d 19h, including a detailed entry for 'CIT Chita 3.33 110' with station names like CIT and TLY.

Table with columns: UKT, comp, eSg, Sg, 19 22 44.4 -2.9, etc. Includes stations like Arshan, Severomysk, Khabcheranga, etc.

Table with columns: ellipse: s-maj=14.1km s-min=8.7km az=57.3, BYKL 14 19:28:44.3, etc. Includes stations like Maximikha, Ongureny, Suvo, etc.

Table with columns: KMO, comp, Pmax, 19 29 39.4, etc. Includes stations like Chita, Talaya, Uoyan, etc.

IDC 14 19:25:05.8-7.2, 18.375S-176.65W, h0km, mb4.0/2, mb1 4.3/2, mb1mx3.7/17, mbtmp4.0/2, Error ellipse: s-maj=319.7km s-min=60.8km az=144.0, Fiji Islands region

MOS 14 19:28:42.7-0.9, 53.29N-108.61E, h5km, mb4.6/1, Error



549

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CSU Charleston Sou, VNA1 Neumayer-Stat, etc.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TXAR Lajitas Array, LPIG La Paz, etc.

14d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ALLY 127A, Z28A Tucker Farm, etc.

Table with columns for property ID, name, address, and various numerical values. Includes entries like OWENS RANCH, CLEMMONS RANCH, PLAYAS PEAK, etc.

Table with columns for property ID, name, address, and various numerical values. Includes entries like SELDEN, R27A EADS, O31A WOOLAN RANCH, etc.

Table with columns for property ID, name, address, and various numerical values. Includes entries like GLA, GLAMIS, L28A CONNEELY ANCH, etc.



Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Castle Valley, Syowa Base, and various local stations.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Vanda, D29A, FURC, and various local stations.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PPT2, PPT, PPT, and various local stations.

14d 19h

2009 NOV

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like DGMT Dagmar, WAKR Walker, E20A Meyer Farm, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PMST Lisbon-Monsan, LIS Lisbon, LIS Lis, etc.

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



Table with columns for station name, frequency, power, and various technical parameters. Includes stations like BRG, Bergliesshubel, Pruhonice, Conrad Observa, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like AKASG, FINES, KAF, MMAI, etc.

Table with columns for station name, frequency, power, and various technical parameters. Includes stations like NWAOW, Narrogin (SRO), Iran Long-Peri, etc.





557 AKTO Aktyubinsk 27.53 46 P P 20 53 11.5 -0.8

MAN 14 21:27:00.03, 10.49N-125.35E, h15km, mb4.1, ML2.9, MS2.6, Leyte

NIED 14 21:27:00.36, 8.0N-141.60E, h32km, Mw3.9

Code Station Name Δ° AZ° Phase ID Time Res

Code Station Name Δ° AZ° Phase ID Time Res

Code Station Name Δ° AZ° Phase ID Time Res

Code Station Name Δ° AZ° Phase ID Time Res

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2009 NOV CNGZ Carnagh Station 2.01 288 Pn Pn 21 40 07.6 -0.3

Code Station Name Δ° AZ° Phase ID Time Res

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Code Station Name Δ° AZ° Phase ID Time Res

14d 22h RST comp=Z,907nm,1.3s Amb AMB 22 08 39.2

IGAR GarneH 27.71 343 eP P 22 08 44.7 +9.5

Code Station Name Δ° AZ° Phase ID Time Res

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Code Station Name Δ° AZ° Phase ID Time Res

Table with columns for station call signs (e.g., LSZ, CHTO, SUKH), names (e.g., Lusaka, Chiang Mai), frequencies (e.g., 38.91 237), and other technical details.

Table with columns for station call signs (e.g., KURK, CD2, VILL), names (e.g., Kurchatov, Villia), frequencies (e.g., 46.97 15), and other technical details.

Table with columns for station call signs (e.g., LZH, VAY, KIS), names (e.g., Valandovo, Kishinev), frequencies (e.g., 49.27 322), and other technical details.



Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like OBNSK, CAIRO, MOSCOW, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like MYKA, KRLL, CMAH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like TMCR, RUE, FRF, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like FFC Flin Flon, FUNA Funafuti, FUNA Funafuti, etc.

Table with 10 columns: RKT, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, and various station identifiers. Includes data for stations like Diego Garcia H, Kabul, Lhasa, Chiang Mai, and many others across the globe.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FINES FINESS Array B, SENIN Lac Senin, LPG La Plagne, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs, etc.

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, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08N2 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, GNI Garni, GNI Garni, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CM01 Chiang Mai Arr, CHTO Chiang Mai, LSZ Lusaka, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBZ Khabaz, KBZ Khabaz, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MK01 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CD2 Chengdu, VOSK Vostochayaya, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VTS Vitoshka, VRI Vriocinia, PLOR Plostina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIEV Kiev, BZS Buzias, KOLS Kolonicke sedl, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SENIN Lac Senin, ESDC Sonseca Array, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LLP Lapu-Lapu, LLP Lapu-Lapu, LLP Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CAIG El Cayaco, PLIG Pizantillo, ARIG Arig, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulo, HUIG Huatulo, OXBJ Oaxaca, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warrunganga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array.

BUI 15 00:07:15.0, 37.18N, 79.26E, h5km, ML3.6/7
NINC 15 00:07:24.5, 3.38, 16N, 78.91E, h0km, mb3.6, mpv3.0
Error ellipse: s-maj=69.2km s-min=31.7km az=170.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like KSH Kashi, KK31 Karatay Array, WMQ Urumqi, WMQ comp-N, 16nm, 0.9s.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like MK31 Makanchi Array, MK31 0.4nm, 0.3s, baz=197, slow=13, SNR=24.

ATH 15 00:23:24.9, 40.24N, 20.59E, h13km, 2km, MD3.0/12
THE 15 00:23:24.8, 40.25N, 20.55E, h0km, 1km, ML2.2/7, Error
ellipse: s-maj=1.3km s-min=0.4km az=308.0

CSEM 15 00:23:24.6, 0.2, 40.23N, 20.57E, h2km, MD3.0, Error
ellipse: s-maj=5.5km s-min=3.1km az=19.0

ISC 15 00:23:25.1, 0.1, 40.24N, 0.02, 20.59E, 0.02, h9km, gkm,
n67, c081/102, Greece-Albania border region

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists numerous stations including NEST Nestorio, KORCA Korca, SARANDE Sarande, JAN Janina, MEV Metsovon, IGT Igoumenitsa, KERKIRA Kerkira, FLORINA Florina, KOZANI Kozani, BITOLA Bitola, KLOKOTOS Trika, LIT Litokhoron, EVRYTANIA Evrytania, PRODROMOS Prodromos, MAKRAKAMI Makrakomi, AGG Agios Georgios, KNT Kendrickon, VLS Valsamata, XOR Xorichti, RAR Rarotonga, PPT2 Papeete2, SNAA Sanaa, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PASO Flores.

AUST 15 00:47:18.1, 0.0, 6.57S, 128.06E, h293km, Error ellipse:
s-maj=1.3km s-min=1.1km az=332.0
ISCJB 15 00:47:19.4, 0.0, 7.67S, 128.06E, 0.06, 1.28, 4E, 0.1, h334km,
mb3.5/4, Error ellipse: s-maj=15.5km s-min=8.0km
az=175.7

IDC 15 00:47:21.7, 4.6, 6.62S, 128.42E, h343km, 50km, mb3.2/4,
mb1 3.4/7, mb1mx3/3/19, mbtmp3.3/7, Error ellipse:
s-maj=54.7km s-min=15.5km az=66.0
ISC 15 00:47:20.9, 1.2, 6.67S, 10.128, 4E, 0.1, h334km, n14,
c1507/15, mb3.5/4, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SOEI Soe, FAKI Fak Fak, MTN Mantion Dam, KDU Kakadu, KNRA Kunurra, FITZ Fitzroy Crossi, WRA Warrunganga Arr, COEN Coen, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 15 00:58:18.3, 1.8, 5.8, 20S, 147.12W, h0km, mb4.4/3,
mb1 4.5/3, mb1mx4.0/15, mbtmp4.4/3, MS3.8/2, Ms1 3.8/2,
ms1mx3.3/20, Error ellipse: s-maj=110.8km s-min=26.1km
az=22.0

ISC 15 00:58:18.4, 1.9, 5.75S, 0.5x146.6W, 0.3, h10km, n17,
c115/8, mb4.3/3, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like URZ Urewera, TBI Tubuai, PMSA Palmer Station, PPT2 Papeete2, VHA Vaihoo, SNA2 Sanaa, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, ASAR Alice Springs, WRA Warrunganga Arr, MKAR Makanchi Array, ESCD Sonseca Array, DJA 15 01:18:45.2, 1.2, 9.5, 6.11E, h10km, M3.8/9, MLV3.8/9, South of Jawa.

ISCJB 15 01:18:49.0, 7.4, 5.8, 1.14x17W, h10km, mb4.2/4,
MS4.0/8, Error ellipse: s-maj=262.3km s-min=18.3km
az=42.4

IDC 15 01:18:49.3, 1.2, 5.7, 33S, 146.97W, h0km, mb4.0/2,
mb1 4.3/2, mb1mx3.8/14, mbtmp4.0/2, MS4.0/8, Ms1 4.0/8,
ms1mx3.7/24, Error ellipse: s-maj=154.3km s-min=40.2km
az=175.0

NEIC 15 01:18:50.6, 0.5, 5.7, 60S, 146.78W, h10km, mb4.4/2, Error
ellipse: s-maj=30.0km s-min=17.9km az=202.0

ISC 15 01:18:50.5, 0.8, 5.7, 65S, 0.3x146.8W, 0.2, h10km, n41,
c096/31, mb4.3/4, MS4.1/8, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like VVDA Vanda, RPZ Rata Peaks, URZ Urewera, TBI Tubuai, TBI Tubuai, RKT Rikitea, RAO Raoul Island, RAR Rarotonga, PPT2 Papeete2, SNA2 Sanaa, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, PASO Flores.

H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, MAW Mawson, CTAO Charters Tower, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRA Warrunganga Arr, WRA Warrunganga Arr, WRA Warrunganga Arr, COEN Coen, MAJO Matsushiro, MCK McKinley, ILAR Eielson Array, ILAR Eielson Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, AAK Aka Kuro, ESCD Sonseca Array, ESCD Sonseca Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov, BR131 Keskin Array S, PSZ Piszkesteto, MORA Moravsky Berou.

IDC 15 01:28:23.5, 1.8, 15.25S, 173.46W, h0km, mb3.8/6,
mb1 4.2/6, mb1mx4.0/15, mbtmp4.3/6, Error ellipse:
s-maj=106.2km s-min=22.4km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like AFI Afiamalu, PPT2 Papeete2, TBI Tubuai, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, WRA Warrunganga Arr, ASAR Alice Springs, NVAR Nina Araya, TXAR Lajitas Arra, PDAR Pineda Arra, ILAR Eielson Array, GERES GERES Array B, BRTR Keskin Array B.

AUST 15 01:39:13.3, 7.99S, 128.04E, h60km
ISCJB 15 01:39:14.3, 1.1, 8.21S, 0.07x128.01E, 0.10, h100km,
mb3.5/1, Error ellipse: s-maj=13.7km s-min=10.2km
az=1.2

IDC 15 01:39:16.6, 12.0, 8.24S, 127.89E, h154km, 139km,
mb3.2/1, mb1 3.1/4, mb1mx3.0/18, mbtmp2.9/4, ML3.2/3,
Error ellipse: s-maj=88.7km s-min=47.2km az=18.0

ISC 15 01:39:13.7, 1.2, 8.11S, 0.09x128.0E, 0.1, h100km, n9,
c218/11, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like SOEI Soe, KDU Kakadu, KNRA Kunurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warrunganga Arr, WRA Alice Springs, PALU Palau, MKAR Makanchi Array.

ISCJB 15 01:51:33.7, 0.5, 54.5S, 0.1x120.5W, 0.1, h10km, mb4.3/12,
mb4.7/14, Error ellipse: s-maj=16.9km s-min=11.4km
az=5.9

IDC 15 01:51:34.0, 0.9, 55.28S, 120.40W, h0km, mb4.0/4,
mb1 4.6/14, ms1mx4.0/15, mbtmp4.0/4, MS4.6/14,
Ms1 4.6/14, ms1mx4.5/18, Error ellipse: s-maj=67.3km
s-min=29.7km az=160.0

NEIC 15 01:51:35.9, 0.4, 54.92S, 120.45W, h10km, mb4.6/8, Error
ellipse: s-maj=22.6km s-min=11.0km az=166.0

GCMT 15 01:51:36.0, 0.2, 54.57S, 119.35W, h18km, 1km, MW5.1,
Moment Tensor Solution, s54,c70, s99,c147, Moment
tensors: Scale 10^16Nm, Mr=0.03E-18, Mw=3.02E-19,
Mw=2.92E-17, Mw=1.2E-38, Mw=5.77E-15, Mw=0.01E-36,
Best double couple: M6.6000E+1018, NP1x=284.0000E+
388.0000E+3, NP2x=194.0000E+381.0000E+3,
1.78.0000E+3. Principal axes: T 6.6000, Plg8.0000E+
Azm149.0000E+3, N -0.1200, Plg8.0000E+3, Azm297.0000E+3,
P -6.5400, Plg5.0000E+3, Azm58.0000E+3, Data Used: IU CU
II G CN IC. Surface waves from 103 sta.

ISC 15 01:51:35.5, 0.5, 54.5S, 0.1x120.6W, 0.1, h10km, n48,
c092/32, mb4.4/12, MS4.7/14, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like RKT Rikitea, RKT Rikitea, RKT Rikitea, VVDA Vanda, PLCA Paso Flores.

Table with columns: Code, Station Name, Az, El, P, R, Time, Res. Includes stations like Paso Flores, Juan Fernandez, Las Campanas, etc.

Table with columns: USP, Alpa-Novka, Olma-Ata, etc. Includes stations like Osh, Bishkek, Karatay Array, etc.

Table with columns: JIRN, ILAS, IFIR, etc. Includes stations like Jiri, Liasjerd, Firoozkooh, etc.



Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like La Forest Royal, Oris-en-Rattie, SMF, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WVOR, ELK, OTAV, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZALV, AAK, MKR, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, Mitsune, Odawara 2, Ryogami san, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kurchatov, Kurbab, Kashi, Kurobe, etc.

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

Additional text providing specific data points and error ellipses for various stations, including coordinates and signal strength metrics.

15d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Villa Florida, La Paz, Stephens Creek, etc.

CSEM 15 04:13:45.8, 42.74N, 12.93E, h7km, MD2.4/24, After ROM

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

15 04:37:38.9-0.7, 37.04N, 79.33E, h0km, mb3.9/14, mb1.4/18, mb1mx4.0/28, mbtmp3.9/18, ML3.8/4, MS3.7/8, Ms1.3/7.8, ms1mx3.3/31, Error ellipse: s-maj=18.8km s-min=13.6km az=71.0

2009 NOV

NEIC 15 04:37:40.4-0.4, 36.92N, 79.30E, h10km, mb4.6/23, Error ellipse: s-maj=8.5km s-min=6.9km az=208.0

BUI 15 04:37:42.5, 37.15N, 79.23E, h9km, mb4.8/5, mb4.3/11, ML4.4/6, Ms4.0/3, Ms7.3/8/4

MOS 15 04:37:43.5-1.4, 37.15N, 79.29E, h36km, mb4.7/12, Error ellipse: s-maj=10.3km s-min=4.9km az=111.1

NNC 15 04:37:46.6-7.1, 37.72N, 78.81E, h0km, mb4.5, mpv4.0, Error ellipse: s-maj=63.0km s-min=33.6km az=167.0

ISC 15 04:37:42.0-0.3, 37.08N, 79.20E, 0.04, h17km, n194, 157/186, mb4.4/2, MS3.7/6, 22C-17D, Southern

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Shillong, Nagpur, Gaotai, Akola, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kalwaria Pacla, TRPA Tarpa, DRGR Kolonickie sedl, etc.

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

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



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Charters Tower, Eidsvold, WRA, ARMA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Midelt, Brasilia, TOAD, TORD, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pico do Norte, Pico Bartolome, Castro Verde, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VAMOS, ANOYIA, LASITHI, NEAPOLIS, etc.

ISC 15 07:08:04.7:1.7,7.43S:127.15E,h0km,mb3.5/2, mb1.4/1.4,mb1mx3.8/18,mbtmp3.5/4,ML4.0/1,Error ellipse: s-maj=21.7km s-min=2.9km az=83.0

ISCJB 15 07:08:17.9:0.7,7.54S:0.07:125.0E:0.1,1150km,mb3.2/2,Error ellipse: s-maj=19.9km s-min=9.4km az=171.8

AUST 15 07:08:17.6:7.49S:128.03E,h200km

ISC 15 07:08:19.2:1.1,7.62S:0.09:128.1E:0.1,1150km,n10, az=89/10,Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SOEI, MTN, FAKI, KDU, KNRA, FITZ, WRA, ASAR, MKAR, KURBB.

WEL 15 07:08:46.2:0.4,3.12S:176.74E,h232km,3km,ML3.6/10, 10, Error ellipse: s-maj=5.3km s-min=4.1km az=90.0,

North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like URZ, MWZ, PUZ, RIGZ, CNQZ, MHGZ, MOAWHNGZ, BHZ, KHZ, KAHZ, PXZ, TSZ, PRHZ, MRZ, HOWZ, KIW, CAW, DUWZ, TCW.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TUWZ, NZH, TNZ.

ISC 15 07:14:35.8:3.1,3.56S:97.08E,h0km,mb3.6/5,mb1.3/9.5, mb1mx3.6/22,mbtmp3.7/5,Error ellipse: s-maj=122.1km s-min=19.5km az=57.0

ISC 15 07:14:40.7:3.4,3.55S:0.97:91.1E:0.7,h35km,n9,c1925/6, mb3.6/5, Southwest of Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CMAR, HO1W3, HO1W1, WRA, ASAR, MKAR, ZALV, TXAR.

ISC 15 07:18:31.0:4.7,5.1900S:176.87W,h0km,mb3.2/2, mb1.3/5.2,mb1mx3.4/17,mbtmp3.2/2,MS4.1/1,MS1.4/1.1, ms1mx3.0/1.1,Error ellipse: s-maj=327.1km s-min=117.7km,az=155.0,Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PMG, WRA, ASAR, AKASO.

ISC 15 07:39:29.9:2.1,8.92S:119.55E,h0km,mb3.3/2, mb1.3/6.4,mb1mx3.5/21,mbtmp3.5/4,ML3.5/2,Error ellipse: s-maj=183.3km s-min=24.9km az=54.0

ISCJB 15 07:39:37.3:0.8,9.54S:0.06:119.45E:0.08,h50km, mb3.4/1,Error ellipse: s-maj=11.7km s-min=7.4km az=162.0

AUST 15 07:39:38.8:9.49S:119.46E,h100km

DJA 15 07:39:42.6:1.3,9.5S:12.0E:1.3,h48km,12km,M4.1/6, ML4.1/1,ML4.1/1

ISC 15 07:39:39.2:1.2,9.23S:0.07:119.38E:0.08,h50km,n16, az=183/17,Sumba region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WSI, WAI, LBFI, MMR, BKSI, SOEI, BNSI, JAGI, FITZ, KNRA, MTN, KDU, WRA, ASAR, MKAR.

MEX 15 08:09:30.9:1.1,27.73N:111.67W,h10km,MD3.6,Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SRIG, HSIG, HSIG.

CSEM 15 08:16:31.6:12.09N:43.79E,h2km,ML3.6,After DHMR

DHMR 15 08:16:31.6:0.5,12.09N:43.79E,h2km,2km,ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TRBA, ADEN, UDYN, LBOS, DHBB, BDHA, RMQ, CMSA, STKA, WRA.

ISC 15 08:48:42.8:2.4,12.75S:169.35E,h624km,24km,mb3.3/8, mb1.3/5.8,mb1mx3.3/18,mbtmp3.3/8,Error ellipse: s-maj=49.6km s-min=20.0km az=140.0

ISCJB 15 08:48:43.2:1.0,12.8S:0.2:169.3E:0.2,h645km,mb3.8/8, Error ellipse: s-maj=32.1km s-min=14.7km az=44.2

ISC 15 08:48:44.6:1.3,12.8S:0.3:169.3E:0.3,h645km,n18, az=974/19,mb3.7/7,Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RMQ, CMSA, STKA, WRA.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA, HTT, ASAR, KDU, BBOO, MTN, FITZ, MEEK, CMAR, ILAR, NVAR, MKAR.

ISCJB 15 08:57:24.7:0.6,36.58N:0.05:71.07E:0.09,h114km, mb3.7/6,Error ellipse: s-maj=11.4km s-min=5.2km az=151.5

ISC 15 08:57:27.3:2.5,36.49N:71.38E,h149km,47km,mb3.3/6, mb1.3/4.1,mb1mx3.2/29,mbtmp3.3/11,Error ellipse: s-maj=37.4km s-min=21.2km az=26.0

NNC 15 08:57:37.2:2.5,37.54N:70.17E,h0km,mb3.9,mpv3/6, Error ellipse: s-maj=35.9km s-min=17.0km az=102.0

ISC 15 08:57:25.8:0.8,36.58N:0.08:71.12E:0.10,h114km,n24, az=150/24,mb3.7/6,SD, Afghaniстан-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KK31, AAK, AAK, SDNR, MKAR, DANN, KOLN, DMN, KKN, KURBB, AB31, PKI, GUN, JIRN, AKTO, AKTO, ZALV, AKASO, FINES, ARCES, NB2, NOA, TORO, WRA.

ISC 15 09:05:53.6:6.6,6.25S:146.64E,h75km,53km,mb3.5/3, mb1.3/7.5,mb1mx3.4/17,mbtmp3.6/5,ML3.5/2,MS3.6/1, Ms1.3/6.1,ms1mx2.7/14,Error ellipse: s-maj=52.5km s-min=45.6km az=47.0

AUST 15 09:01:02.8:8.8,6.89S:146.65E,h132km,Error ellipse: s-maj=5.0km s-min=1.4km az=338.0

ISC 15 09:05:57.3:7.6,6.55S:0.3:146.7E:0.3,h110km,n10, az=69/9,mb3.5/3,Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PMG, COEN, WRSU, WRA, KNRA, ASAR, FITZ, STKA, PETK, TORO.

TRN 15 09:17:19.6:16.87N:61.10W,h25km,MD3.9,M3.5(FDF), 29-12D,Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SEG, BPA, BCG, SSG, DOG, CRG, LZG, ECG, LKG, FNG, TAD, PHG, ANWB, HMGO, TBG, DLPL.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Morne-Daniel, Belle View Cho, Scott Kitts, etc.

IDC 15 09:24:46.7.2.2.9:10S:119:14E, h0km, mb3.1/2, mb1 3.4/4, mb1mx3.4/21, mbrtmp3.2/4, MLJ3.2/M3.1/1, Ms1 3.1/1, ms1mx2.6/10, Error ellipse: s-maj=185.1km s-min=24.4km az=53.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Waikabubak, Su, Waingapu, etc.

BYKL 15 09:25:36.4.0.3.54:87N:109:33E MOS 15 09:25:37.1.1.5.54:82N:109:39E, h23km, mb4.4/1, Error ellipse: s-maj=21.4km s-min=10.1km az=61.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nizh Angarsk, Ulyunkhan, Kumora, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Uakit, SVKR, ZRHB, etc.

Ulan-Yde 3.20 200 ePg P 09 26 32.9 -1.5 09 26 37.6 ePb Sb 09 27 14.4 +1.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kabansk, Chita, Bodaibo, etc.

ARS Arshank 5.13 237 eSg Sn 09 28 03.2 +1.0 09 28 12.5 +3.7 eSg Sn 09 28 24.0 +3.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chara, KPC, Tupik, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Yuktali, Huatulco, Pnetopca, etc.

MEX 15 09:28:15.0.7.17:15N:95:75W, h16km, g99km, MD3.7, Oaxaca

NEIC 15 09:41:22.3.0.4.8:67N:39:39W, h10km, mb4.6/4, Error ellipse: s-maj=13.5km s-min=8.7km az=148.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Guadeloupe, Pitinga, Babate, etc.

ISCJB 15 10:11:20.5.0.3.21:97S:0:03:68:77W, 0:05, h147km, 2km, mb4.5/32, Error ellipse: s-maj=7.9km s-min=4.5km az=163.3

NEIC 15 10:11:20.9.2.1:94S:68:82W, h149km, mb4.6/26, After NEIC Felt at Calama

GUC 15 10:11:20.9.1.0.21:94S:68:82W, h149km, 5km, ML5.0

IDC 15 10:11:21.8.0.8.21:96S:68:27W, h126km, 6km, mb4.1/9, mb1 4.2/13, mb1mx4.1/20, mbrtmp4.1/13, MS3.3/1, Ms1 3.3/1, ms1mx2.7/19, Error ellipse: s-maj=17.9km s-min=14.8km az=44.0

Buj 15 10:11:22.1.22:10S:68:40W, h109km, mb5.2/2

ISC 15 10:11:22.1.2.0.4.21:92S:0:03:68:60W, 0:05, h128km, 3km, h128km, 3km, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Plate Boundary, San Pedro de A, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like PSGC Pisagua, MNMC Minimimi, CPCH Copiapo, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like 227A Bennet, Jal, 128A Castberry Fa, X32A Elmer, etc.

Table with columns: Property Name, Address, Price, Status, and other details. Includes listings like S30A Montezuma, U27A Thompson Grove, Y22A Socorro, etc.





15d 12h

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

NEIC 15 10:16:37.3, 16:31N-94:06W, h149km, MD2.0(MEX), After MEX.

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

IDC 15 10:33:55.1±1.7, 14N-126.41E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.5/19, mbtmp3.5/4, Error ellipse: s-maj=172.3km s-min=20.9km az=66.0, Northern Molucca Sea

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

PRE 15 10:57:37.2±3.2, 20:95S-33:60E, h10km, ML4.2, Mozambique

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

2009 NOV

Table with columns: SEK, SWZ, BOS, BOS, PKA, UPI. Includes station names like Senekal, Schweizer, Boshof, Prieska, Upington.

IDC 15 10:59:08.3±52.0, 58:44S-147:46E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.7/10, mbtmp3.6/3, Error ellipse: s-maj=914.2km s-min=253.4km az=149.0, West of Macquarie Island

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

IDC 15 11:05:14.2±40.0, 18:15S-167:67E, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.8/15, mbtmp3.9/4, MS3.3/1, Ms1 3.3/1, ms1mx2.8/23, Error ellipse: s-maj=695.3km s-min=105.3km az=75.0

IDC 15 11:05:14.4±5.5, 18:05S-167:67E, h10km, m6, ±0:687, mb3.7/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like DZM, STKA, H01W1, etc.

IDC 15 11:11:34.9±7.8, 15:52S-172:85W, h0km, mb3.6/2, mb1 3.9/4, mb1mx3.6/18, mbtmp3.6/2, Error ellipse: s-maj=339.2km s-min=26.0km az=138.0, Samoa Islands region

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

IDC 15 11:25:43.1±0.9, 8:63S-111:64E, h0km, mb3.9/6, mb1 4.0/6, mb1mx3.8/18, mbtmp3.9/6, Error ellipse: s-maj=43.3km s-min=19.1km az=56.0

ISCJBJ 15 11:25:52.3±0.8, 8:85S-111:63E, h0km, mb3.8/6, Error ellipse: s-maj=19.9km s-min=6.0km az=9.8

DJA 15 11:25:53.5±0.6, 9:56S-111:2E, h49km, g9km, M4.3/16, MLV4.3/16

IDC 15 11:25:52.6±1.2, 8:95S-111:63E, h0km, h69km, 14km, n22, ±0:1825, mb4.0/6, Jawa

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

RSPR 15 11:49:21.2, 18:29N-68:18W, h147km, 1km, MD3.6/11, ISC-2D, Mona Passage

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

576 IDC 15 11:50:54.6±2.8, 9:36N-122:32E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.4/21, mbtmp3.5/3, Error ellipse: s-maj=338.0km s-min=26.1km az=63.0

MAN 15 11:50:55.9±28N-121:81E, h13km, mb4.5, ML3.4, MS3.2, ISCJBJ 15 11:50:57.4±1.1, 9:43N-101:122:19E, h0km, mb3.6/3, Error ellipse: s-maj=14.8km s-min=12.9km az=30.3

ISC 15 11:50:57.1±1.2, 9:43N-101:122:27E, h0km, h29km, n10, ±2:41/11, mb3.5/3, AC, Negros

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

IDC 15 11:57:26.1±38.0, 57:32S-148:21E, h0km, mb3.8/3, mb1 4.3/4, mb1mx3.8/10, mbtmp3.8/3, MS3.4/1, Ms1 3.3/1, ms1mx2.8/19, Error ellipse: s-maj=663.4km s-min=217.4km az=147.0, West of Macquarie Island

IDC 15 11:57:26.1±38.0, 57:32S-148:21E, h0km, mb3.8/3, mb1 4.3/4, mb1mx3.8/10, mbtmp3.8/3, MS3.4/1, Ms1 3.3/1, ms1mx2.8/19, Error ellipse: s-maj=663.4km s-min=217.4km az=147.0, West of Macquarie Island

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

IDC 15 12:21:08.8±25.0, 18:10S-173:63W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.4/4, mbtmp4.1/4, Error ellipse: s-maj=473.1km s-min=163.0km az=73.0, Tonga Islands

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

IDC 15 12:37:34.0±1.4, 52:64N-35:63W, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/30, mbtmp3.5/4, Error ellipse: s-maj=53.5km s-min=29.0km az=29.0, Reykjanes Ridge

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

LJU 15 12:46:19.3±46:32N-13:43E, h19km, ML2.2, CSEM 15 12:46:19.7±0.1, 46:33N-13:43E, h12km, ML3.0/29, Error ellipse: s-maj=2.2km s-min=1.5km az=14.0

PRU 15 12:46:20.3±46:34N-13:36E, h14km, VIE 15 12:46:20.0±0.2, 46:33N-13:37E, h13km, s-min=1.9/8, ML2.4/10, Error ellipse: s-maj=1.6km s-min=1.2km az=38.0, 14 km W of Bovec

ROM 15 12:46:20.0±0.2, 46:30N-13:47E, h7km, 1km, Md2.7/14, Md2.5/17, Error ellipse: s-maj=2.0km s-min=1.6km az=84.0

ISC 15 12:46:20.5±0.7, 46:32N-13:44E, h0km, n11, h17km, km3, n146, ±0:78/238, 41C-25D, Austria

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



Table with columns: Code, Name, Value, Unit, Status, Date, and other details. Includes entries like PBGR Braganca, KULLO Kullorsuaq, PVIS Visu, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, and other details. Includes entries like CDF Champ du Feu, CDF Champ du Feu, HINF Hinterfall, etc.

Table with columns: Code, Name, Value, Unit, Status, Date, and other details. Includes entries like BUD Budapest, PSZ Piszkesteto, PSZ Piszkesteto, etc.











Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, TREC Trest, SDMD Soldier's Deli, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like UZH Uzhgorod, KEST Kesra, MNK Minsk, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KEK Kerkira, KBN Korca, MPEP Matesi, etc.



Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like T31A Randall Ranch, I21A Big Trails, O26A Horse Wrangler, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like YFT Old Faithful, LRM Limekiln Ridge, X32A Elmer, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like SMO Snowmass, R23A Moffat, U26A Atchley Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 127A Causey, 127B Edith, 127C College, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like TBLG Delisi, TEIG Tepich, TEIG Topich, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 627A Terlingua Ranch, 627B Cedar City, 627C Cedar City, etc.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, etc. Includes stations like MPMC, CWC, GSC, AAK, CMB, etc.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, etc. Includes stations like MKAR, AAK, AML, AML, etc.

Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, etc. Includes stations like MDJ, MDJ, MDJ, MDJ, etc.



Table with columns: ISCO, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like Idaho Springs, Kim, Kremling, etc.

Table with columns: KSH, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like Kashi, Urumqi, WMO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like BORG, SFJD, SCHQ, etc.

Table with columns: J20A, Shoshoni, 47.29 288 P, 14 06 38.7 +0.5, 14 03 46.7 +0.6, etc. Includes rows for HINF, CABF, LASF, VIVF, ORIF, etc.

Table with columns: J20A, Shoshoni, 47.29 288 P, 14 06 38.7 +0.5, 14 03 46.7 +0.6, etc. Includes rows for BR131, BRTR, W32A, N23A, BOZ, etc.

Table with columns: W32A, Sentinel, 47.62 274 P, 14 06 41.0 +0.2, 14 03 46.7 +0.6, etc. Includes rows for TXAR, ASF, 121A, J05D, R11A, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like HHC, CPUP, LZH, CD2, NJ2, GYA, BOS, PLCA, RKT, PPT2, TBI, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like HNR, CTA, WRA, STKA, H11S2, H11S3, H11S1, ASAR, H11N1, H11N3, H11N2, SONM, ILAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like BUTP, MSLP, BUKP, CGP, OCLP, CTFB, DCPH, PAGAD, GUIM, RCP, FITZ, WRA, ASAR, MKAR, ARCES, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like ESDC, NOA, BRTR, PDAR, TORD, SONM, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like SFJD, SCHO, EKA, ROSF, QUIF, SGFM, GRR, FLN, LDF, MFF, BAIF, GIVF, TCF, RJF, BGF, SSF, AVF, ESDC, LOR, LOR, MEZF, SMF, PAFG, HAU, CDF, HNF, CABB, CLC, NKK, GERES, ARCES, DPCS, DOKC, KEST, KEST, ULM, AKASG, BRTR, PDAR, TORD, ILAR, DBIC, TXAR, NVAR, ZALV, MKAR, SONM, LPAZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like SFJD, SCHO, EKA, ROSF, QUIF, SGFM, GRR, FLN, LDF, MFF, BAIF, GIVF, TCF, RJF, BGF, SSF, AVF, ESDC, LOR, LOR, MEZF, SMF, PAFG, HAU, CDF, HNF, CABB, CLC, NKK, GERES, ARCES, DPCS, DOKC, KEST, KEST, ULM, AKASG, BRTR, PDAR, TORD, ILAR, DBIC, TXAR, NVAR, ZALV, MKAR, SONM, LPAZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like AML, KZA, EKS, AAK, AAK, AAK, KBK, ULHL, CHMS, USP, KK31, KK31, KK31, TKM2, KNDC, MKAR, MKAR, KURBB, KURBB, VOSK, VOSK, AB31, AB31, BVAR, AKTO, AKTO, AKTO, ZALV, ZALV, SONM, AKASG, FINES, ARCES, ILAR, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like JOW, JOW, JIH, JJT2, JAGN, JAGN, JTK, JTK, JKE, JAM, JAM, JAM, JZK, JZK, JZK, JNU, SONM, ZALV, KURBB, WRA, BVAR, ASAR, FINES, AKASG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like AML, KZA, EKS, AAK, AAK, AAK, KBK, ULHL, CHMS, USP, KK31, KK31, KK31, TKM2, KNDC, MKAR, MKAR, KURBB, KURBB, VOSK, VOSK, AB31, AB31, BVAR, AKTO, AKTO, AKTO, ZALV, ZALV, SONM, AKASG, FINES, ARCES, ILAR, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like SFD, SFD, SFD, SFD, VTN, VTN, VTN, KFL, KFL, KFL, AMT, AMT, AMT, etc.









Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include entries like 2P3A Jefferson, 229A Bryant Ranch, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include entries like 333A Richland Sprin, S28A Manter, M25A Palm Egli Farm, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include entries like HHC comp=Z,600nm,7.5s, J29A comp=Z,280nm,17.7s, N31A Bailey Ranch, etc.

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

ICD 15 17:27:26.21-9, 16:08N:82:27W, h0km, mb4.3/4.3, mb1 3.7/6, mb1mx3.6/26, mbtmp3.4/6, ML3.4/3, MS3.3/2, Ms1 3.3/2, ms1mx2.9/30, Error ellipse: s-maj=39.4km s-min=26.3km az=24.0

ISCJB 15 17:27:28.9-0.9, 16:09N:0:05:98:0W:0.03, h25km, h6km, mb3.3/3, MS3.3/1, Error ellipse: s-maj=8.8km s-min=3.6km az=21.0

MEX 15 17:27:31.5-0.9, 16:14N:98:07W, h5km, MD4.0 ICD 15 17:27:29.1-1.5, 16:12N:0:06:98:10W:0.05, h18km, g8km, n25, c139/35, mb3.4/3, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG, TLIG, VHO, ACX, etc.

MEX 15 17:33:41.7-0.8, 16:02N:97:95W, h8km, 4km, MD3.8, Oaxaca

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

MAN 15 17:33:45, 9:30N:125:33E, h1km, mb4.3, ML3.2, MS3.0, Mindanao

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

ISCJB 15 17:36:45.6-0.2, 3:25N:0:03:82:79W:0.03, h10km, mb4.9/118, MS4.5/12, Error ellipse: s-maj=5.7km s-min=3.5km az=139.2

ICD 15 17:36:46.0-0.4, 3:39N:82:81W, h0km, mb4.4/26, mb1 4.6/30, mb1mx4.6/37, mbtmp4.5/30, ML4.5/5, MS4.5/11, Ms1 4.5/11, ms1mx4.5/11, Error ellipse: s-maj=22.5km s-min=9.0km az=92.0

BJJ 15 17:36:46.3-0.3, 2:02N:83:00W, h7km, mB5.6/6, Ms5.2/3, Ms7.4/9/6

NEIC 15 17:36:48.9-0.2, 3:29N:82:86W, h25km, mb5.0/101, Error ellipse: s-maj=5.1km s-min=3.5km az=49.0

GCMT 15 17:36:51.5-0.2, 3:27N:82:90W, h19km, MW5.2, Moment Tensor Solution. s75,c100; s99,c189; Moment tensor: Couple 10^16Nm; Mr-1.92e-19; Mw1.58e-16; Mw0.34e-20; Mo-0.2e-32; Mw0.59e-16; Mr-0.37e-37; Best double couple: Mw: 6.0000e+1016 NP1: 182.00000, -889.00000, 7.17.00000; NP2: 272.00000, -888.00000, 7.1.00000; Principal axes: T: 9.5900, P: 132.0000, N: 137.0000; N: 1.9400, P: 198.0000; Azm: 341.0000; P: 7.6600; P1: 0.0000; Azm2: 277.0000; Data Used: II UO UC IG CN. Surface waves from 114 sta.

ISC 15 17:36:47.2-0.3, 3:25N:0:05:83:01W:0.05, h10km, n667, c123/636, mb5.0/119, MS4.5/12, 194C-221D, Off coast of central America

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

ICD 15 17:36:47.2-0.3, 3:25N:0:05:83:01W:0.05, h10km, n667, c123/636, mb5.0/119, MS4.5/12, 194C-221D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, LRAL, 732A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 331A, 627A, 232A, etc.

Table with columns: Property Name, Address, Price, Change, and Status. Includes listings for V29A Stinnett, H03N3 Juan Fernandez, W27A Bowe Ranch, AC50 Alum Creek Sta, 320A Kipp Ranch, U30A WK&E Inc. Balk, V28A Channing, Z23A Rita Site, Whi, Y24A Capitan, T31A Randall Ranch, X25A Clemmons Ranch, W26A Owens Ranch, U29A Oasis Ranch, SFIN Scholer Farm, SFIN Scholer Farm, V27A Dan Oppiter Fa, 220A Playas Peak, 121A Cooke Peak, S32A Newby Ranch, T30A Plains, Z22A Elephant Butte, Y23A Lovelace Mesa, 319A Douglas, S31A Mullinville, CFAA Coronel Fontan, CFAA Coronel Fontan, U28A Mallet, X24A Lazy VL Ranch, W25A X Bar L Ranch, V26A Tequesquite Ra, T29A Hugoton, U27A Thompson Grove, Z21A St. Cloud Mine, 120A U Bar Ranch, S30A Montezuma, BNM Barren Site, Y22A Socorro, R32A Long Quarter, X23A Hourglass Bar, W24A Lazy 6 Ranch, R31A Burdett, T28A Walsh, S29A Ulysses, Q33A Connelly Farm, U25A Rancho No Teng, V26A Atchley Ranch, Z20A Nine Sixteen R, T27A Campo, Y21A Point of Rocks, R30A Dighton, Q32A Meitler Ranch, S28A Manter, ANMO Albuquerque, ANMO Albuquerque, V24A Rampart Ranch, W23A Werner Place, P33A Williams Farm, U25A Circle Dot Ran, CPUP Villa Florida, CPUP Villa Florida, CPUP comp-Z,1um,18.0s,baz=302,slow=40, Ellis, Y20A Horse Springs, W22A Albuquerque, X21A Alamocita Cree, KSPA Keystone Colle, T26A Comanche Natio, R29A Marienthal, V23A Ortiz Mt. (NFS), S27A Las Animas, Q30A Quinter, U24A Moreno Valley, P32A Huiting Farm, R28A Tribune, TUC Tucson, S26A Kim, T25A Trinidad, P31A Stockton, Q29A Oakley, W21A San Fidel, X20A Quemado, U23A El Rito, R27A Eads, V22A San Miguel Ran, Q32A Brockman Farm.

Table with columns: Property Name, Address, Price, Change, and Status. Includes listings for P30A Selden, BDFB Brasilia, BDFB Brasilia, T24B San Luis, S25A Robets Cordova, Q28A Sharon Springs, W20A Ramah, R26A Arlington, MMNV Mt. Morris Dam, O31A Woolen Ranch, V21A Milan, U22A Llavas, P29A Atwood, T23A Casias Ranch, R25A Fountain Ranch, N32A Stulken Farm, S24A Houchin Ranch, KSCO Kaye Shedlock, KSCO Kaye Shedlock, O30A MW Ranch, Wils, X18A Snowflake, P28A Saint Francis, 214A Oregon Pipe Nat, V20A Brimhall, SDCO Great Sand Dun, U21A Nageezi, Q29A 4D Ranch, Culb, Q26A Hugo, T22A Edith, W18A Petrified Fore, W18A Petrified Fore, S23A Nye Farm, Mont, R24A Sanders Place, P27A Ficken Ranch, BGNE Belgrade, Q25A Bedland, Calha, N30A Hueblich Ranch, O28A Krutinger Ran, U20A Newcomb, R23A Moffat, M31A Lambrecht Ranch, P26A Davis Ranch, N29A Votaw Ranch, W, S22A 4UR Ranch, Cre, X16A Lo Mia Camp, P, O27A Beaver Island, N28A Pribbeno Ranch, Q24A Divide, P25A Willow Gulch B, Z14A Wintersburg, M30A Dale-Ortello V, MVCO Mesa Verde, MVCO Mesa Verde, 113A Mohawk Valley, O26A Hot Springs Wrangler, P24A Kohler Place, M29A Burnside Ranch, L31A Butterfield Fa, N27A Anderson Farm, L30A Spencer Herofo, O25A Wiggins, Y14A Wickenburg, M28A Bar X Bar Ranc, WUAZ Wupatki, WUAZ Wupatki, P23A Burnside Ranch, N26A Koester Ranch, ISCO Idaho Springs, ISCO Idaho Springs, O24A Longmont, R20A Redvale, M27A Reverse DX Ran, K30A Baseat, L28A Connealy Angus, GLA Glamis, ECSD EROS Data Cent, P22A Eagle, M26A McRoberts Ranch, O23A Lake Granby, G, Y12C Blythe, K29A Lazy Trails An, N24A Cat, O22A Kremmling, J30A Dallas, J30A Dallas.

Table with columns: Property Name, Address, Price, Change, and Status. Includes listings for K28A Ten Mile Ranch, SWSC Sam W. Stewart, L26A Underwood Farm, DVTC Desert V Tower, U15A North Rim, SPMN St. Paul, SPMN St. Paul, W13A Hualapai Mount, BC3 Big Chuckawall, N23A Red Feather La, M24A Cheyenne, J29A Okreek, K27A Flueckinger Fa, IRM Iron Mountain, PHWY Pinedale, N22A Wattenberg Ran, MONP Monument Peak, L25A Engebretsen Ra, J28A Allard Ranch, M23A Laramie, O20A White River Ci, O20A White River Ci, J27A Elkhorn Farm, L24A Wheatland, BELC Belle Mtn. Jos, BRSD Miller, K25A Mack Ranch, Ha, I29A Vivian Onida, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, M22A Cedar Creek Ra, SRU San Rafael, GMRC Granite Mounta, I28A Midland, J26A Sides Ranch, S, L23A Garrett, Q16A Castle Valley, Q16A Castle Valley, N20A Spence Gulch, MURC Murrieta, L22A Ellis Ranch, M, RWWY Rawlins, I27A Quinn, J25A Sunshine Ranch, CCUT Cedar City, MVU Marysval, G30A Faulkon, HEC Hector,Ludlow, TMUT Trail Mountain, BBRC Big Bear Solar, TUQ Turquoise Moun, K23A Bowen Ranch, D, H28A Mission Ridge, I26A New Underwood, J24A Dixon Ranch, G29A Hoven, SHPR Sheep Range, K22A Casper, K22A Casper, SCI San Clemente I, H27A Howes, G28A Parade, I25A Rochford, RRRX Edison Barstow, BFSC Mount Baldy Ra, CIS Catalina Islan, F30A Leola, GSC Goldstone, J23A Ditts Ranch, B, SHOC Shoshone, FMP Fort Macarthur, H26A Fairpoint, I24A Kuemmerle Ranc, RSSD Black Hills, K21A Alcova, MPU Maple Canyon, F29A Eureka, PASC Pasadena Art C, DAU Daniels Canyon, H25A Fruitdale, DECC Green Verdugo, J22A Midwest, G27A Parade, I23A Meade Ranch, G, JLU Jordanelle, F28A McLaughlin, EDW2 Edwards Air Fo.





15d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DANN Dangsang, KOLN Koldana, GKN Gorkha, etc.

MOS 15 17:41:00.3-1.5, 55.78N-112.90E, h10km, mb4.3/1, Error ellipse: s-maj=22.1km s-min=19.8km az=104.2

BYKL 15 17:41:00.3-0.3, 55.74N-112.89E

ISC 15 17:40:59.6-1.1, 55.77N-112.91E, h7km, g9km, n34, c200/64, 10C-7D, Lake Baykal region

Main table for 15d 20h section, listing station codes, names, and coordinates. Includes stations like Uakit, Severomuz, Uoyan, Kumura, Ulyunghan, Nizh Angarsk, Bodaibo, Suvo, etc.

2009 NOV

Table for 2009 NOV section, listing station codes, names, and coordinates. Includes stations like KRHS Khabansky, KRHS Khabansky, KRHS Khabansky, etc.

ISC 15 17:50:47.0-3.6, 22.33S-173.33W, h0km, mb3.9/3, mb1 4.3/3, mb1mx3.9/17, mbtmp3.9/3, Error ellipse: s-maj=197.9km s-min=28.1km az=152.0

ISC 15 17:50:53.0-3.8, 22.35S-173.35W, h35km, n6, c09/48/7, mb1/13, Tonga Islands region

Main table for 2009 NOV section, listing station codes, names, and coordinates. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Nina Array Bea, etc.

ISC 15 18:38:53.0-49.0, 16.97S-174.75W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/16, mbtmp4.3/3, Error ellipse: s-maj=920.8km s-min=163.3km az=79.0, Tonga Islands region

600

Table for 600 section, listing station codes, names, and coordinates. Includes stations like MSEA Mahe Island, H08N2 Diego Garcia, H08N3 Diego Garcia, etc.

NIED 15 20:09:00.37-20N-141.30E, h68km, Mw3.7 Best double couple: M1: 6.8000e-1014 N1: 2.36 0000e-0878 0000e-00, lambda1: 0.0000e-00 N2: 2.15 0000e-0826 0000e-00, lambda2: 0.0000e-00

ISC 15 20:09:15.3-1.3, 37.12N-141.16E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/23, mbtmp3.6/6, ML3.6/1, Error ellipse: s-maj=36.8km s-min=26.1km az=91.0

ISCJB 15 20:09:21.7-0.8, 37.13N-141.16E, h0km, mb3.6/6, mb3.4/5, Error ellipse: s-maj=12.2km s-min=6.5km az=18.7

JMA 15 20:09:23.2-1.1, 37.16N-141.28E, h60km, Mw3.8, M3.8

ISC 15 20:09:21.8-1.3, 37.14N-141.05E, h54km, n10km, n28, c103/28, mb3.4/5, 6C-2D, Near east coast of Honshu

Main table for 600 section, listing station codes, names, and coordinates. Includes stations like JFK Kawauchi, ONAJ Kawakimizuishi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes stations like YJT, JOU, JFY, etc.

NIED 15:20:31.00, 44.20N, 137.30E, h360km, Mw4.8 Best double couple: M1: 73000x1016 N13: 58,00000, 875,00000, A-150,00000... BJI 15:20:31.15, 3.44N, 136.80E, h96km, mb4.9/20, mb5.1/33... NEIC 15:20:31.34, 5.0, 1.44, 37N, 136.97E, mb4.9/88, Error ellipse: s-maj=3.9km s-min=3.7km az=94.0... SKHL Felt (II-III) at Rudnaya Pristan'

Table with columns: Code, Station Name, Az, El, S, P, Sn, Pn, Time, Res. Includes stations like TEY, JSK, JOSM, etc.

Main table with columns: KLR, Kul'dur, 6.09 325 eP, Pn, 20 33 03.2 -1.9, etc. Includes stations like KLR, JMK, YUK, etc.

Table with columns: WHN, TLY, TLY, TLY, ZAK, etc. Includes stations like WHN, TLY, ZAK, etc.

15d 20h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CMAR Chiang Mai Arr, CHAI Chaiyaphum, SUKH Sukhothai, etc.

2009 NOV

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MTKI Muara Tewe, INK Inuvik, MMSI Mamuju, etc.

602

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBZ Khabaz, TBLG Delisi, WRAB Tennant Creek, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MUD, TLCR, EIDS, BUR08, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TREC, BZS, PKST, MARH, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WATA, N20A, WTTA, ABTA, etc.





Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N27A Anderson Farm, K29A Lazy Trails An, and 429A Davenport Ranc.



Table of station data for stations 607-700. Columns include station code, name, frequency, and various parameters.

NEIC 15 21:09:54.21, 34.34; 325S:179.09E, h191km, 10km, mb4.27, Error ellipse: s-maj=14.1km s-min=11.4km az=61.0k

Table of station data for stations 700-800. Columns include station code, name, frequency, and various parameters.

Table of station data for stations 800-900. Columns include station code, name, frequency, and various parameters.

Table of station data for stations 900-1000. Columns include station code, name, frequency, and various parameters.

Table with columns: Code, Station Name, Frequency, Phase ID, ISC, Time, Res. Includes TRN 15 21:53:11.2, 15.65N:60.35W, h3km, MD3.6, M3.2(F,DF).

Table with columns: Code, Station Name, Frequency, Phase ID, ISC, Time, Res. Includes CSEM 15 21:55:48.4, 0.2, 37.01N:28.15E, h2km, MD2.3.

Table with columns: Code, Station Name, Frequency, Phase ID, ISC, Time, Res. Includes IDC 15 22:33:26.5, 1.3, 52.53N:168.43W, h0km, mb4.0, 0.15.

Table with columns for station name, frequency, time, and various technical parameters. Includes stations like KSRS Korea Army, KSAR Wonju Array, and ZALV Zalesovo Beam.

Technical notes and station identifiers including IDC 1522:45:26.5,0,7,33;11N:119:23'W, h0km, mb4.3/13, and NEIC 1522:45:27.1,33;17N:119:30'W, h6km, mb4.4/12.

Main table with columns: Code, Station Name, Az, AZ, Phase, ID, Op, ISC, Time, Res, ISC. Lists various radio stations and their signal characteristics.

Main table with columns: Station Name, Frequency, Time, and various technical parameters. Includes stations like MLAC Mammoth Lakes, TPNV Topopah Spring, and W13A Hualapai Mount.

Main table with columns: Station Name, Frequency, Time, and various technical parameters. Includes stations like FXWY Fox Creek, LOHW Long Hollow, and MC2M McKenzie Canyo.

MAW Mawson 145.54 181 PKPbc PKPab 23 05 05.5 -0.1

NEIC 15 22:48:37.7, 33.177N; 119.30W, h6km, ML3.5(PAS), After PAS.

NEIC Fellt at Camarillo and Ventura. ISC 15 22:48:37.0, 1.8, 33.18N; 0.06; 119.27W; 0.06, h15km, 1.0km, n28, 0.1526/40, Southern California

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SCI, CIS, BLG, FMP, SBC, DECC, PASC, BKFM, MURC, ARVC, EDW, SMMC, PFO, MONP, ISA, LRM, HES, VEC, MPMC, GMRC, IRM, SAO, SHPR, W13A, CMB, WAKR.

DJA 15 22:53:56.2, 0.1, 1.2, 8.3N; 128.35E, h0km, mb3.6/4, MLV3.9/3

ISCJB 15 22:53:56.5, 0.8, 0.0N; 0.1, 1.2, 9.5E; 0.07, h10km, mb3.6/5, Error ellipse: s-maj=16.0km s-min=8.7km az=152.7

ISC 15 22:53:56.6, 1.1, 0.06S; 125.75E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.6/20, mbtmp3.7/5, Error ellipse: s-maj=132.8km s-min=19.9km az=68.0

ISC 15 22:53:56.2, 1.0, 0.05S; 0.1, 1.2, 8.3E; 0.10, h10km, n9, 0.25/7, mb3.9/5, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TNTI, KMSI, GTOI, LUWI, WRA, ASAR, SONM, MKAR, ZALV.

ISC 15 22:56:20.8, 1.4, 2.7N; 128.5E; 0.5, h33km, mb3.6/4, Error ellipse: s-maj=58.9km s-min=14.1km az=148.7

ISC 15 22:56:22.8, 1.4, 2.7N; 128.5E; 0.5, h35km, n13, 0.55/13, mb3.7/4, Halmahera

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, STKA, TAPN, ODAN, RAMN, JURN, GUN, PKI, GKN, SONM, KOLN, DANN, MKAR.

ISC 15 23:00:49.2, 1.1, 2.8; 16S; 177.84W, h138km, 8km, mb3.6/5, mb1 3.8/5, mb1mx3.5/17, mbtmp3.6/5, Error ellipse: s-maj=26.3km s-min=18.1km az=35.0

ISC 15 23:00:50.1, 0.8, 28.3S; 0.1, 177.9W; 0.2, h150km, n19, 0.1929/21, mb3.6/5, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RPZ, CTA, ASAR, ASRA, WRA, FITZ, SNA, VNA, NVAR, MKAR, ARC, FINES, NB2, NOA, BKFR, TOR.

ISC 15 23:01:17.8, 2.0, 3.0; 31N; 126.64E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/19, mbtmp3.3/3, Error ellipse: s-maj=217.2km s-min=27.1km az=66.0, Northern Molucca Sea

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

ISCJB 15 23:04:36.2, 0.4, 1.3; 64N; 0.06; 120.68E; 0.09, h128km, 5km, mb3.9/7, Error ellipse: s-maj=14.9km s-min=10.3km az=172.1

ISC 15 23:04:36.3, 0.8, 1.7; 74N; 121.18E, h127km, 3km, mb3.6/7, mb1 3.7/7, mb1mx3.7/23, mbtmp3.6/7, MS3.5/2, MS1 3.5/2, ms1mx2.8/24, Error ellipse: s-maj=65.9km s-min=15.3km az=67.0

MAN 15 23:04:37.1, 67N; 120.51E, h83km, mb4.2, ML3.1, MS2.8

ISC 15 23:04:36.8, 0.7, 1.3; 66N; 0.06; 120.59E; 0.08, h119km, 6km, n31, 0.153/35, mb3.9/7, C, Mindoro

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LUB, LUP, PGP, TGY, LQP, BUSH, AUOP, SCZP, ENPP, CUYO, PSI, TAPN, ODAN, RAMN, JURN, GUN, PKI, PKIN, KKN, DMR, WRA, SONM, GKN, KOLN, DANN, ASAR.

ISC 15 23:04:58.8, 0.8, 1.9; 81S; 175.8E; 0.2, h30km, mb3.9/8, MS3.6/4, Error ellipse: s-maj=49.8km s-min=19.9km az=149.0

ISCJB 15 23:04:57.8, 0.8, 1.9; 81S; 175.8E; 0.2, h30km, mb3.9/8, MS3.6/4, Error ellipse: s-maj=49.8km s-min=19.9km az=149.0

ISC 16 00:42:52.0, 0.9, 18.9S; 0.3; 175.8E; 0.2, h30km, n22, 0.096/15, mb3.9/8, MS3.6/4, C-14, Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, HNR, PMG, STKA, STKA, STKA, H11S2, H11S1, WRA, ASAR, FITZ, VNA, MAW, NVAR, ILAR, TXAR, PDAR, SIRR, SIRR, BZS, GERES, VKS, PSTM, VITOSA.

ISC 16 00:45:58.1, 6.3, 6.3S; 129.70E, h0km, mb3.9/2, mb1 4.1/5, mb1mx3.8/17, mbtmp3.9/5, ML4.0/3, Error ellipse: s-maj=68.9km s-min=24.7km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KMSI, KMSI, GTOI, GTOI, APST, WRA, ASAR, STKA, SONM, MKAR, AKTO.

TORD Torodil Arr. Bea 123.61 286 PKP PKPfd 00 05 27.3 -0.3

ISC 16 00:42:54.4, 0.9, 18.9S; 175.89E, h0km, mb3.9/8, mb1 4.2/8, mb1mx4.1/15, mbtmp3.9/8, MS3.6/6, MS1 3.6/6, ms1mx3.2/25, Error ellipse: s-maj=59.3km s-min=19.9km az=149.0

ISCJB 16 00:42:57.8, 0.8, 1.9; 81S; 175.8E; 0.2, h30km, mb3.9/8, MS3.6/4, Error ellipse: s-maj=49.8km s-min=19.9km az=149.0

ISC 16 00:42:52.0, 0.9, 18.9S; 0.3; 175.8E; 0.2, h30km, n22, 0.096/15, mb3.9/8, MS3.6/4, C-14, Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NIKH, OKSO, OKTU, OKFG, OKFG, OKSO, MSOM, MSW, UNV, AKRB, GSMY, GSTD, ETKA, ADK, ADK, KIRH, KIRH, SDPT, AMKA, FX1, ILAR, PETK, INK, H1N2, H1N3, H1N1, H11S1, H11S2, H11S3, PDAR, SONM, TXAR, ZALV, MKAR, FINES, NOA, HFS, AKASE, BRTR.

ISC 16 00:42:52.0, 0.9, 18.9S; 0.3; 175.8E; 0.2, h30km, n22, 0.096/15, mb3.9/8, MS3.6/4, C-14, Fiji Islands region

ISC 16 00:42:52.0, 0.9, 18.9S; 0.3; 175.8E; 0.2, h30km, n22, 0.096/15, mb3.9/8, MS3.6/4, C-14, Fiji Islands region

ISC 16 00:42:52.0, 0.9, 18.9S; 0.3; 175.8E; 0.2, h30km, n22, 0.096/15, mb3.9/8, MS3.6/4, C-14, Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO, HNR, PMG, STKA, STKA, STKA, H11S2, H11S1, WRA, ASAR, FITZ, VNA, MAW, NVAR, ILAR, TXAR, PDAR, SIRR, SIRR, BZS, GERES, VKS, PSTM, VITOSA.

MKAR Makanchi Array 68.00 327 P 01 05 57.0 +0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes NNC 16:01:00:42.8±2.5, 47.06N±89.83E, h0km, mb3.7, mpv3.4.

IDC 16:01:24:00.4±0.7, 11.94S±165.26E, h0km, mb4.7/13, mb1.4/8/15, mb1mx4.6/20, mbtmp4.6/15, ML4.5/2, MS3.7/9, Ms1.3/7.9, ms1mx3.5/23. Error ellipse: s-maj=23.5km

NEIC 16:01:24:05.8±0.2, 11.96S±165.23E, h35km, mb4.9/37, Error ellipse: s-maj=6.5km s-min=3.9km az=151.0

AUST 16:01:24:13.5±9.7, 12.05S±166.22E, h190km, Error ellipse: s-maj=2.3km s-min=1.2km az=337.0

Main table for 16d 2h section, listing stations like Honiara, Mont Dzumac, Nonsevu, Funafuti, Eidsvold, etc.

Main table for 2009 NOV section, listing stations like GYA, XAN, KMI, HHC, etc.

Main table for 610 section, listing stations like NEW, U15A, X16A, HLID, etc.



Table listing stations and their details for the 16d 4h period. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

Table listing stations for WEL 16 03:23:05.0-4.0, 37.205x176.54E, h183km, 4km, ML3.5/10, 1C-1D. Includes station names like URZ, MXZ, PUZ, RIGZ, etc.

Table listing stations for IDC 16 03:24:53.4-7.5, 6.58S-147.35E, h235km, 39km, mb3.2/3, mb1 3.5/5, mb1mx3.1/18, mbtimp3.3/5. Includes station names like PMG, WRA, ASAR, FITZ, etc.

Table listing stations for 10C-6D, Virgin Islands. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

ISCJB 16 03:54:25.0-1.1, 6.4S;0.2;154.9E;0.2, h48km, mb3.6/6, Error ellipse: s-maj=41.4km s-min=10.9km az=148.0, IDC 16 03:54:29.9-5.4, 6.28S;154.73E, h75km, 44km, mb3.4/6, mb1 3.7/7, mb1mx3.6/18, mbtimp3.5/7, ML3.5/1, Error ellipse: s-maj=41.6km s-min=26.0km az=124.0, ISC 16 03:54:26.6-1.0, 6.35S;0.3;154.9E;0.2, h48km, n9, mb1 1.8/3, mb3.7/6, Bougainville - Solomon Islands region

Table listing stations for the Bougainville - Solomon Islands region. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

NSSC 16 04:20:13.2-5.7, 36.93N;43.32E, h2km, 546km, MD2.4, ML3.0, ISK 16 04:20:15.2, 38.50N;41.90E, h8km, MD3.7, CSEM 16 04:20:15.2-0.1, 38.51N;41.92E, h2km, MD3.5, Error ellipse: s-maj=3.4km s-min=3.0km az=171.0, DDA 16 04:20:16.6, 38.49N;41.94E, h8km, MD3.5, ISC 16 04:20:15.6-1.0, 38.50N;0.02;41.92E;0.02, h8km, 8km, n73, c089/112, Turkey

Table listing stations for Turkey. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

Table listing stations for the top right section. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

Table listing stations for the middle right section. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

IDC 16 04:52:12.1-2.1, 10.38N;60.48W, h0km, mb3.6/7, mb1 3.9/8, mb1mx3.7/27, mbtimp3.7/8, ML2.4/1, Error ellipse: s-maj=66.5km s-min=25.4km az=7.0, FUNV 16 04:52:16.1, 10.34N;60.37W, h2km, MBV3.6, ISCJB 16 04:52:17.4-0.7, 10.29N;60.50W;0.05, h69km, 6km, mb3.5/7, Error ellipse: s-maj=9.8km s-min=4.2km az=30.0, TRV 16 04:52:18.4, 10.35N;60.30W, h42km, MD3.9, ISC 16 04:52:19.1-1.3, 10.29N;60.50W;0.03, h63km, 9km, n48, c188/55, mb3.5/7, Trinidad

Table listing stations for the bottom right section. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res).

NEIC 16 03:34:41.6, 19.23N;64.77W, h35km, MD3.5 (RSPR), After RSPR. RSPR 16 03:34:41.6, 19.23N;64.77W, h35km, 15km, MD3.5/9, KBSD comp=E, 485nm, 0.4s AML AML 04 21 17.0

Table with columns: YKA, Yellowknife Ar, 64.86 335 P, P, 05 02 52.4 +0.7, etc.

Table with columns: GERES, GERRSS Array B, 71.90 42.1 P, P, 05 03 37.6 +1.4, etc.

Table with columns: ILAR, Eielson Array, 79.24 334 P, P, 05 04 19.2 +1.5, etc.

ISC/JB 16 04:58:17.4:0.7,54:6S:0.1x:112:0W:0.2,h10km,mb4.2/12, MS3.5/6, Error ellipse: s-maj=23.8km s-min=15.3km az=138.0

IDC 16 04:58:17.1:0.7,54:52Sx112:15W,h0km,mb4.1/12, mb1.4,3/12,mb1mx4.2/19,mbtmp4.1/12,MS3.6/6, Ms1 3.0/6,ms1mx3.3/22, Error ellipse: s-maj=29.0km s-min=17.0km az=136.0

ISC 16 04:58:18.8:0.8,54:55:0.2-112:17.0E,h10km,n25, o=87/17,mb4.1/12,MS3.6/6, Southern East Pacific Rise

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

NNC 16 05:14:22.7:3.1,54:04N:86:19E,h0km,mb4.0,mpv3.7, 8C-3D, Error ellipse: s-maj=22.7km s-min=20.0km az=46.0, Southwestern Siberia

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

IDC 16 05:56:11.5:0.7,14:44S:167:30E,h175km,5km,mb4.5/19, mb1.4,6/20,mb1mx4.5/22,mbtmp4.5/20,MS4.0/6, Ms1 4.0/6,ms1mx3.5/27, Error ellipse: s-maj=10.9km s-min=8.6km az=141.0

BUI 16 05:56:12.0:14.21S:167:39E,h188km,mb5.1/25, mb4.8/38

GCMT 16 05:56:13.0:2.14:45S:167:17E,h184km,1km,MW5.3 Best: double couple: NP1:310.00000: 857.00000: 1.58.00000: NP2:180.00000: 845.00000: 1.130.00000: Principal axes: T 1.0600, Plg26.0000, Azm166.0000; N -0.0700, Plg27.0000, Azm329.0000; P -0.9900, Plg7.0000, Azm63.0000; Data Used: II U CU IC G CN. Surface waves from 110 sta.

NEIC 16 05:56:15.5:0.8,14:44S:167:25E,h212km,7km,mb5.0/44 Error ellipse: s-maj=5.4km s-min=4.3km az=163.0

MOS 16 05:56:15.6:1.3,14:47S:167:20E,h217km,13.5/22, Error ellipse: s-maj=9.0km s-min=8.1km az=135.5

ISC/JB 16 05:56:15.5:0.9,14:49S:0.04:167:24E:0.03,h224km,8km,mb4.8/25, Error ellipse: s-maj=5.8km s-min=4.1km az=166.5

AUST 16 05:56:18.4:0.9,14:58S:167:29E,h234km,11km, Error ellipse: s-maj=6.2km s-min=4.6km az=12.0

DJA 16 05:56:20.8:1.8,15:16S:16:7E,h257km,18km,M4.9/14, mb5.4/9,mb5.0/14,Mw(mb)4.8/9

ISC 16 05:56:13.5:0.3,14:49S:0.04:167:26E:0.04,h192km,2km, h192km:p-P,n470,e1s27/572,mb4.9/34,34C-20D, Vanuatu Islands

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Main table for station data, columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC







16d 7h

Table of astronomical observations for 16d 7h, listing object names (e.g., YUK, JAK, JTKR), coordinates, and various parameters like magnitude and position angle.

2009 NOV

Main table of astronomical observations for 2009 NOV, listing object names (e.g., WARRAMUNGA ARR, SUMG SUMMIT), coordinates, and various parameters like magnitude and position angle.

616

Table of astronomical observations for 616, listing object names (e.g., IBAF Bafgh, IGHAR Gharneh), coordinates, and various parameters like magnitude and position angle.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SEAG, TBLG, NCK, DIGR, ONI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AKTO, AKTYUBINSK, AB31, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VOSK, VSU, KBL, OKC, etc.

Table with columns: NOA, NORSAR Array B, 27.34 323 P, P, 07 37 08.9 -1.4, 07 37 08.9 -1.4, comp=Z,1.0nm,0.6s,baz=108,slow=9.5,SNR=5.5

CSEM 16 07:33:39.9, 43°17'N; 46°18'E, h16km, mb4.3, After OBN
MOS 16 07:33:39.9, 1.5, 43°17'N; 46°18'E, h16km, mb4.3, 1C-4D, Error ellipse: s-maj=27.8km s-min=9.2km az=62.

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

Table with columns: LSNR, Lesken, 1.72 275 ePN, P, 07 34 10.6 -0.6, 07 34 33.2 +0.5, 07 34 10.6 -0.6, 07 34 33.2 +0.5, 07 34 13.1 +0.9, 07 34 13.1 +0.9

NIED 16 08:00:00.24; 20N; 125°20'E, h29km, Mw4.0, Best double couple: M1.01000x1015 NP1.0x175.00000°, 888.00000°, λ=56.00000°. NP2.0x268.00000°, 834.00000°, λ=176.00000°.

IDC 16 08:00:32.6; 1.0, 24°29'N; 125°24'E, h0km, mb3.7/6, mb1.3/9.6, mb13.6/24, mbtmp3.7/6, MS2.9/3, Ms1.2/9.3, ms1mx2.6/38, Error ellipse: s-maj=53.9km s-min=20.1km az=60.

JMA 16 08:00:36.9; 0.2, 24°20'N; 125°21'E, h17km, M4.1, JMA Feil 1.0

ISC 16 08:00:36.9; 1.7, 24°21'N; 109°125°22'E; 0'06, h28km; 11km, n18, c081/19, mb3.7/6, MS3.1/3, Southwestern Ryukyu Islands

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

NEIC 16 08:25:57.2; 22°90'S; 70°33'W, h40km, MD4.1(GUC), After GUC

GUC 16 08:25:57.2; 0.8, 22°90'S; 70°33'W, h40km; 6km, MD4.1, ML3.2, 5D, Near coast of northern Chile

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

IDC 16 08:27:58.2; 1.2, 41°16'N; 48°62'E, h0km, mb3.7/5, mb1.3/7.9, mb1mx3.5/50, mbtmp3.7/9, ML3.5/2, Error ellipse: s-maj=17.6km s-min=10.2km az=134.5

MOS 16 08:28:01.4; 1.9, 41°50'N; 49°08'E, h28km, mb4.0/2, Error ellipse: s-maj=17.6km s-min=10.2km az=134.5

CSEM 16 08:28:02.1; 0.4, 41°54'N; 49°12'E, h20km, mb4.0, NNC 16 08:28:12.9; 3.1, 42°28'N; 49°9'E, h0km, mb3.7, Error ellipse: s-maj=28.2km s-min=21.6km az=86.0

ISC 16 08:28:02.3; 0.9, 41°58'N; 0°08'49'E; 15E; 0.04, h35km, n45, c260/46, mb3.7/5, 6C-2D, Caspian Sea

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

Table with columns: AB31, comp=Z, 1.1nm, 0.3s, baz=223, slow=24, SNR=5.3, S, Sn, 08 32 28.9 -4.5, 08 30 36.1 +2.0, 08 32 28.9 -4.5, 08 30 35.2 +1.1, 08 30 35.4 +1.3, 08 32 27.9 -5.5, 08 30 35.2 +1.1, 08 30 35.1 +1.3, 08 30 35.2 +1.1, 08 32 28.1 -5.3, 08 31 46.0 +1.7, 08 34 38.5 -1.1, 08 31 48.0 +1.7, 08 34 36.5 -1.1, 08 31 45.6 -5.3, 08 31 45.6 -5.3, 08 31 45.6 -5.3, 08 32 27.1 -4.5, 08 32 58.0 +3.0, 08 32 58.0 +2.2, 08 32 58.0 +2.2, 08 33 18.9 +3.3, 08 33 18.9 +3.3, 08 33 18.9 +3.3, 08 33 18.9 +3.3, 08 33 13.2 -2.7, 08 33 51.8 -2.7, 08 36 49.8 -3.0

NIED 16 08:59:00.35; 30N; 136°10'E, h20km, Mw3.6, Best double couple: M2.51000x1014 NP1.0x246.00000°, 889.00000°, λ=156.00000°. NP2.0x156.00000°, 866.00000°, λ=1.00000°.

JMA 16 08:59:08.9; 35°27'N; 136°14'E, h15km, M3.8, 2C-3D Broadband fault plane solution: P waves, NP1: φ=152.00000°, 874.00000°, λ=4.00000°. Principal axes: T P1g9.0000°, Azm17.0000°; N P1g73.0000°, Azm255.0000°; P P1g14.0000°, Azm109.0000°; Western Honshu

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

MDD 16 09:05:01.6; 1.4, 36°36'N; 9°84'W, h50km; 42km, mb3.9/17, Error ellipse: s-maj=13.2km s-min=9.6km az=49.0, PRXIMO

IGL 16 09:05:01.9; 36°42'N; 9°70'W, h7km, ML2.3, CSEM 16 09:05:02.6; 0.3, 36°50'N; 9°60'W, h20km, ML3.3/5, Error ellipse: s-maj=5.7km s-min=4.1km az=51.0

INMG 16 09:05:02.3; 1.0, 36°41'N; 9°70'W, h14km; 3km, ML2.4, Error ellipse: s-maj=4.0km s-min=3.0km az=56.0

ISC 16 09:04:59.2; 2.4, 36°43'N; 0°07'49"E; 72W; 0.08, h16km; 10km, n94, c1932/175, 4C, West of Gibraltar

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



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, KURRB Kurchatov Arra, MK31 Makanchi Array, VOSK Vostochnaya, VOSK Vostochnaya.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, CMCH Combarbala, CHNG Los Chungos, LCO Las Campanas, ROCH El Roble, KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la).

IDC 16 10:10:44.9,2.4, 53.69N-90.81E, h0km, mb1 3.3/4, mb1mx3.1/30, mbmp3.3/4, ML3.4/4, Error ellipse: s-maj=24.6km s-min=18.3km az=7.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURRB Kurchatov Arra, MK31 Makanchi Array, MKAR Makanchi Array, SONM Songo Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, CAIG El Cayaco, PLIG Platanillo, ARIG Puente Sto Nin, YAIG Yautepac.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, MOA Molin, CONA Conrad Observa, BUC BUC 11:17:37.9, 0.6, 45.17N-25.14E, h2km, MD2.0/2, 8C, Romania.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTUR Matau, VOIR Voire, ARR Arges, MLR Muntele Rosu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Aliche Springs, NVAR Nina Array Bea, ILAR Eielson Array, PDAR Pineadale Array.

DDA 16 11:31:15.7, 35.04N-27.73E, h22km, ML4.1 BUI 16 11:31:15.0, 35.00N-27.80E, h5km, mb4.5/6 IDC 16 11:31:16.0, 0.6x3.25N-27.78E, h0km, mb4.1/2,1, mb1 4.2/28, mb1mx4.1/34, mbmp4.1/28, ML3.6/9, MS3.4/18, Ms1 3.4/18, ms1mx3.2/45, Error ellipse: s-maj=13.6km s-min=1.8km az=103.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

HLW 16 11:31:16.4, 35.57N-27.87E, h32km, 23km, MD3.4, MI3.8 ISK 16 11:31:16.6, 34.97N-27.75E, h28km, ML4.2 NEIC 16 11:31:17.0, 2.0, 4.35, 13N-27.85E, h10km, mb4.5/24, ML3.7(A)H, ML4.1(TH)E, Error ellipse: s-maj=7.5km s-min=4.8km az=188.0 MOS 16 11:31:17.1, 7.1, 3.35, 14N-27.75E, h27km, mb4.4/27, Error ellipse: s-maj=5.7km s-min=3.5km az=109.9 ATH 16 11:31:18.7, 35.20N-27.82E, h27km, 1km, MD4.1/28, ML4.0 CSEM 16 11:31:19.1, 0.1, 35.09N-27.86E, h20km, mb4.1/19, Error ellipse: s-maj=3.7km s-min=2.3km az=25.0 THE 16 11:31:21.4, 3.5, 34N-27.72E, h0km, 1km, ML4.1/10, Error ellipse: s-maj=3.2km s-min=1.3km az=147.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

ISD 16 11:31:17.5, 0.7, 35.16N-27.85E, 0.02, h11km, 4km, n711, 1963/754, mb4.3/44, MS3.4/12, 31C-9D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DENT Denizli, ANTB Antalya, VAM Vamos, GVD Gavdhos, IZM Izmir, BLCB Balçova, GIBG Gaiçova, MANT Manisa, KHAL Karahalli, KHAL Karahalli, KHOS Chios island, KHOS Chios island, KHOS Chios island, AKKM Akamas, AKKM Akamas, PPHY Paphos, PPHY Paphos, AKHS Akhisar, AKHS Akhisar, AKS Akhisar, AKS Akhisar, ANKY Antikythira is, ANKY Antikythira is, ANKY Antikythira is, GAZI Gazipasa, GAZI Gazipasa, ALFC Alevga, ALFC Alevga, DEMI Demirci, DEMI Demirci, SHUT Suhut-Aiyon, SHUT Suhut-Aiyon, KYTH Kithira, KYTH Kithira, KYTH Kithira, LEF Lefka, LEF Lefka, GDZ Gediz, GDZ Gediz, SZAC Souni-Zanaja, SZAC Souni-Zanaja, SZAC Souni-Zanaja, AYVA Ayvalik, AYVA Ayvalik, SLUM Slum, SLUM Slum, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, VLI Veliai, VLI Veliai, VLI Veliai, BOLV Bolvadin, BOLV Bolvadin, BOLV Bolvadin, ATH Athens Observa, ATH Athens Observa, MAMC Mammari, DID Didima, DID Didima, DID Didima, DURS Dursunbey, DURS Dursunbey, TVSB Tavsanli, TVSB Tavsanli, CSS Prodromos, CSS Prodromos, CSS Prodromos, CSS Prodromos, KONT Konya-Tatoy, KONT Konya-Tatoy, BALLY Balya, BALLY Balya, ERET Eretria, ERET Eretria, VILL Villia, VILL Villia, LADK Ladik-KONYA, LADK Ladik-KONYA, VIL2 Platiek, HBRG Burj al-'Arab, IKL Isikli, IKL Isikli, GONE Gonen-Balikesi, GONE Gonen-Balikesi, KIZT Kizilci, MRKA Markates, MRKA Markates, VLX Vlachokerasia, VLX Vlachokerasia, VLX Vlachokerasia, VLX Vlachokerasia, BORA Eskisehir, BORA Eskisehir, EREN Erenkoy, EREN Erenkoy.

DDA 16 11:31:15.7, 35.04N-27.73E, h22km, ML4.1 BUI 16 11:31:15.0, 35.00N-27.80E, h5km, mb4.5/6 IDC 16 11:31:16.0, 0.6x3.25N-27.78E, h0km, mb4.1/2,1, mb1 4.2/28, mb1mx4.1/34, mbmp4.1/28, ML3.6/9, MS3.4/18, Ms1 3.4/18, ms1mx3.2/45, Error ellipse: s-maj=13.6km s-min=1.8km az=103.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

ISD 16 11:31:17.5, 0.7, 35.16N-27.85E, 0.02, h11km, 4km, n711, 1963/754, mb4.3/44, MS3.4/12, 31C-9D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

ISD 16 11:31:17.5, 0.7, 35.16N-27.85E, 0.02, h11km, 4km, n711, 1963/754, mb4.3/44, MS3.4/12, 31C-9D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, KSL Kastellorizon, DALY Dalian (Mu'la), AKAS Kas, TURN Turunc, NPS Neapolis, BDRM Kayabasi, LAST Lasithi, BODT Bodrum, VER Yerkesik, THR1 Thera Island, SANT Santorini, ELL Elmal, THR2 Thira Island, THR3 Thira Island, IDI Anoyia, GOLH Golhisar, SIVA Sivas, GCAM G?zelcaml?, SMG Samos.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTUR Matau, VOIR Voire, ARR Arges, MLR Muntele Rosu.

Table of astronomical observations for November 2009, listing various celestial objects, their coordinates, magnitudes, and observation details. Columns include object names (e.g., LIA, LKR, GUR, etc.), coordinates, magnitudes, and observation times. The table is organized into multiple columns and rows, with some rows containing multiple entries for the same object or similar objects.

16d 13h

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like CABF La Chapelle, HNF Hinterfeld, CDF Champ du Feu, etc.

2009 NOV

Table with columns: Station, Name, Time, Res, and various parameters. Includes stations like FINES FINESS Array B, ROSF Rostrenen, AKTO Aktyubinsk, etc.

622

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various parameters. Includes stations like TIXI Tiksi, CAPV Capacho, ROSC El Rosal, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRTR Keskin Array B, MKAR Makanchi Array, BOSB Boshof, ZALV Zalesovo Beam, SONM Songo Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 16:13:35.22.4.1.1, 4.21S: 104.49W, h0km, mb4.1/11, mb1 4.4/11, mb1mx4.3/17, mbtmp4.1/11, MS4.5/18, Ms1 4.5/18, ms1mx4.5/22, Error ellipse: s-maj=42.9km

s-min=16.4km az=54.0, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000, NP2: 270.000000

ISCJB 16:13:35.23.1.0.5, 4.17S: 104.07W, h10km, mb4.4/31, MS4.5/20, Error ellipse: s-maj=9.7km s-min=8.2km az=153.1

NEIC 16:13:35.24.4.0.7, 4.19S: 104.35W, h10km, mb4.5/19, Error ellipse: s-maj=20.9km s-min=9.1km az=52.0

BUI 16:13:35.26.2.4.00S: 104.10W, h10km, mb4.8/2, Ms7 4.8/2 GGMT 16:13:35.27.9.0.2, 4.00S: 104.08W, h16km, 1km, MW5.1, Moment Tensor Solution. s7, c73; s99, c178; Moment tensor: Scale 1016Nm; Mr=0.44; 11; Mw=0.68; 11; Mw=0.23; 12; Mw=1.65; 34; Mw=5.11; 10; Mw=1.90; 36; Best double couple: M5: 70000 x 1016 NP1: 36.5, 000000, 374.000000, -1.162, 000000. NP2: 270.000000, 373.000000, -1.17, 000000. Principal axes: T: 5.3500, P1: 0.0000, Azm: 17.0000; N: 0.6900, P1: 6.0000, Azm: 46.0000; P: -0.0400, P1: 24.0000, Azm: 228.0000; Data Used: II UI C G CN CU. Surface waves from 113 sta.

ISC 16:13:35.24.7.0.5, 4.21S: 104.32W, 0.09h, h10km, n282, o584/268, mb4.4/31, MS4.5/20, 97C-97D, Central East Pacific Rise

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include APG El Apazote, H06S1 SOCORRO T, H06E1 SOCORRO T-PHASE3, ATAH Atahualpa, OTAV Otavalo, NNA Nana, LPIG La Paz, TEIG Tepich, ROSC El Rosal, TXAR Lajitas Array, 628A Black Gap, 626A Big Bend Ranch, 631A Perdido Creek, 527A Woodward Ranch, 530A J-C Ranch, 531A Rocksprings, 426A McDonald Obser, JCT Junction City, 428A Kincaid Ranch, 425A Indio Mountain, 427A Hayler Ranch, 431A Sonora, RKT Rikitea, RKT 327nm, 29.5s, RKT 2um, 27.2s, 326A Caldwell Ranch, 328A Wristen Ranch, 324A Moseley Ranch, 330A Mertzson, 329A Wagon Wheel Ra, 332A Millersview, 319A Douglas, MNTX Cornudas Mount, SDV Santo Domingo, 226B Tecolote Peak, 224A Cornudas Mount, 220A Playas Peak, 231A Bronte, 232A Coleman, 126A Clayton Basin, 125A Gardner Draw, 128A Castleberry Fa, 121A Cookes Peak, 127A Arkansas Junct, 124A Stringfield Ra, 130A Snyder, 120A U Bar Ranch, 214A Organ Pipe Nat, 131A Roby, ABTX Abilene, Hawle, 226A Caprock, 225A Roswell, 223A Rita Site, Whi, 227A Tatum, 220A Nine Sixteen R.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Z28A Tucker Farm, Z29A Elephant Hill, Z22A Hungry Butte, Z30A Sanderson Ranc, H21A St. Cloud Mine, H03N2 Juan Fernandez, LPAZ La Paz, LPAZ La Paz, LPAZ Sharp, H03N1 Juan Fernandez, H03N3 Juan Fernandez, Z31A Sharp Cattle R, Y27A Causey, Y25A Mesa, Roswell, Y24A Capitan, Y29A Porterfield Fa, Y28A McKinney Farm, MSTX Muleshoe, MSTX Muleshoe, Y22A Socorro, Y20A Horse Springs, Y12A Point of Rocks, Y31A Rekieta Farm, Z14A Wintersburg, Y32A R-V Farms, LAZ Ladrón, X26A Crn and Cf Fran, X21A Alamocita Cree, X23A Hourglass Bar, X32A Elmer, X30A Quemado, Y14A Wickenburg, X31A McDonald Ranch, Y12C Blythe, X16A Lo Mia Camp, W27A Bowe Ranch, BC3 Big Chuckawall, W25A X Bar L Ranch, W24A Lazy 6 Ranch, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PDMCI Parker Dam, IRM Iron Mountain, V23A Ortiz Mt. (NFS), V26A Tequesquite Ra, V25A Rancho No Teng, MIAR Mount Ida, V22A San Miguel Ran, WUAZ Wupatki, W13A Hualapai Mount, GMRC Granite Mounta, BFSC Mount Baldy Ra, U23A El Rito, U26A Atchley Ranch, U25A Circle Dot Ran, HEC Hector, Ludlow, U27A Thompson Grove, U22A Llaves, U21A Nageezi, U20A Newcomb, EDW2 Edwards Air Fo, GSC Goldstone, T23A Casias Ranch, T24B San Luis, T22A Edith, U15A North Rim, MVO Mesa Verde, MVO Mesa Verde, LRMC Laurel Mountai, SHOC Shoshone, T32A Huddler Ranch, S26A Kim, S24A Hotin Ranch, S25A Roberts Cordova, SHPR Sheep Range, S22A 4UR Ranch, Cre, ISA Isabella, MPMC Manual Propsec, FURC Furnace Creek, R25A Fountain Ranch, YES Vestal, Richgr, R23A Moffat, R24A Sanders Place, R26A Arington.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include R27A Eads, R20A Redvale, R28A Tribune, TPNV Topopah Spring, R31A Burdett, ARUT Antelope Range, GRAC Grapevine Rang, Q25A Bedland, Calha, Q24A Divide, Q29A Oakley, WVT Waverly, Q30A Quinter, Q16A Castle Valley, P23A Jefferson, SRU San Rafael, R11A Troy Canyon, P22A Eagle, P30A Selden, P31A Stockton, ISCO Idaho Springs, ISCO Idaho Springs, O22A Kremmling, O27A Beecher Island, O23A Lake Granby, O26A Horse Wrangler, O20A White River Ci, O20A White River Ci, NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR 1.4nm, 1.0s, 628nm, 12s, 9.6nm, 5.8s, PTGA Pitting, KMSC Kings Mountain, WAKR Walker, N24A Carr, N22A Wattenberg Ran, DAU Daniels Canyon, DUG Gudway, N23A Red Feather La, N20A Spence Gulch, M23A Laramie, L23A Garrett, PPT Papeete, PPT2 Papeete2, PPT2 884nm, 30.2s, PPT2 905nm, 26.8s, K21A Alcova, K23A Bowen Ranch, D, PDAR Pinedale Array, PDAR Pinedale Array, J26A Sides Ranch, S, J24A Dixon Ranch, L, PLCA Paso Flores, PLCA Paso Flores, PLCA comp=Z, 962nm, 18.6s, J25A Sunshine Ranch, J21A Lysite, J22A Midwest, J20A Shoshoni, TBI Tubuai, TBI 173nm, 27.0s, TBI 377nm, 38.5s, TBI 800nm, 28.0s, I21A Big Trails, Te, I22A 9 Mile Ranch, I25A Rochford, I20A Worland, RSSD Black Hills, I29A Vivian Onida, I19A Meeteetse, HLID Hailey, HLID Hailey, M02C Callahan, M04C Macdoel, H20A Greybull, H22A Macdoel, H24A Dirs Ranch, A, H28A Mission Ridge, H19A Powell, H18A Shoshone NF, C, QLMT Earthquake Lak, G22A Birney, G21A Lodge Grass, G26A Maurine, RLMT Red Lodge, G24A Alzada, MCMT McKenzie Canyo, F24A Ekalaka.

Table of astronomical observations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for F20A, F25A, CPUP, etc.

WEL 16 13:36:13.3-0.1,39.68Sx176.71E, h33km, ML3.8/37, 7C-5D, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KAHZ, MCHZ, CKHZ, etc.

Main table of astronomical observations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TUVZ, WUNVZ, WNVZ, etc.

CSEM 16 13:37:29.1,45.78N-26.62E, h150km, MD3.9/2, After BUC 16 13:37:29.1-0.9,45.78N-26.62E, h150km, MD3.9/2, 27C-21D, Error ellipse: s-maj=7.4km s-min=5.0km az=28.0, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FLOR, PLOstina, VRI, etc.

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

ISCJB 16 13:42:49.4±1.3, 17°45.0'±1.78°BW±0.3, h547km, mb3.7/8, Error ellipse: s-maj=83.5km s-min=15.6km az=151.4, IDC 16 13:42:56.0±5.5, 17°52'S-178°83'W, h621km, mb3.1/8, mb1 3.4/9, mb1mx3.2/19, mbtms3.1/9, Error ellipse: s-maj=73.0km s-min=25.6km az=148.0

ISC 16 13:42:49.9±1.4, 17.55°05'S-178.7°03'W±0.3, h547km, n9, az=076.9°, mb3.7/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DZM, CTA, STKA, WRA, ASAR, etc.

ISCJB 16 13:54:32.4±0.6, 33°40'N±0.02-116°62'W±0.03, h5km, 5km, Error ellipse: s-maj=4.2km s-min=3.7km az=166.0, NEIC 16 13:54:34.1, 33°42'N-116°64'W, h8km, ML3.6(PAS), After PA5

NEIC Feii [III] at Aqung and [II] at Anca, Borrego Springs, El Cajon, Escondido, Hemet, Lakeside, La Mesa, Manifee, Poway, Ramona, San Diego, San Marcos, Spring Valley, Tecumelia, Valley Center, Vista, Warner Springs and Winchester.

ISC 16 13:54:32.5±1.1, 33°40'N±0.03-116°63'W±0.02, h8km, 9km, n38, r197/56, Southern California

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

FMP Fort Macarthur 1.42 283 P Pn 13 54 58.8 +0.1 HEC Hector Ludlow 1.45 10 Pg Pb 13 55 01.1 +0.2 IRM Iron Mountain 1.45 58 P Pb 13 54 58.8 -0.8

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

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like W13A, PKM, SHPR, WUAZ, etc.

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

NEIC 16 14:06:27.5±0.7, 23.82N:108.92W, h10km, mb4.6/50, MD4.6(MEX), Error ellipse: s-maj=10.4km s-min=5.4km az=210.0

BUI 16 14:06:28.3±0.4, 24.10N:108.70W, h10km, mb4.8/2, Ms4.7/1, Ms7.4/2

ISCJB 16 14:06:30.0±0.3, 24.19N:103.108.62W, h10km, mb4.6/33, Ms4.1/21, Error ellipse: s-maj=4.3km s-min=2.6km az=24.1

GCMT 16 14:06:29.0±0.3, 24.04N:108.90W, h12km, mb4.9, Moment Tensor Solution, c1.222, s79.117, Moment tensor: Scale 10^19Nm, M1=0.46±0.09, M2=0.08±0.08, M3=0.53±0.10, M4=0.02±0.24, M5=0.44±0.07, M6=0.28±0.21, Best double couple: M2=0.40000±0.1016 NP1=0.140.00000°, λ37.00000°, λ176.00000°. NP2=0.230.00000°, δ86.00000°, δ3.00000°. Principal axes: T 2.6000, P1g5.0000, Azm95.0000; N -0.4800, P1g85.0000, Azm280.0000; P -2.1200, P1g0.0000; Azm185.0000; Data Used: CU II U G CN IC

IDC 16 14:06:30.0±0.8, 24.31N:108.68W, h0km, mb4.3/11, mb1.4/17, mb1mx4.3/30, mbmp4.2/17, ML3.6/MS4.0/24, Ms1.4/0.24, ms1mx3.9/37 Error ellipse: s-maj=19.2km s-min=14.0km az=80.0

ISC 16 14:06:30.4±0.5, 24.00N:105.019.01W, h0.03, h22km, n454, s163/394, mb4.6/36, MS4.1/21, 135C-149D, Baja California

Main table for station 625 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SLBS, LPIG, MAIG, etc.

Main table for station 2009 NOV with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 228A, 225A, Z20A, etc.

Main table for station 16d 14h with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X27A, V21A, W13A, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like Mmammoth Lakes, T33A Patterson Ranc, P25A Willow Gulch B, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like HLID Hailey, WVOR Wild Horse Val, J27A Elk Horn Farm, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like WCI Wyandotte Cave, CPCT Cooper Cave, B22A Redding Ranch S, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:28:35.8, 5.8, 4.677, 152.21E, h95km, 48km, mb3.1/3, mb1 3.4/4, mb1mx3.1/1, mbtmp3.1/4, Error ellipse: s-maj=146.9km s-min=29.1km az=127.0, New Britain region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for DJA 16:15:34:35.7, 1.0, 2.0, S.3, 12.1E, h12km, 8km, M3.5/6, MLV3.5/6, Sulawesi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:40:53.8, 1.1, 0.19S, 132.92E, h0km, mb4.1/5, mb1 4.2/7, mb1mx3.9/21, mbtmp4.1/7, ML3.5/2, MS3.2/3, Ms1 3.2/3, ms1mx2.8/27, Error ellipse: s-maj=42.6km s-min=16.7km az=83.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:40:59.6, 0.9, 0.17S, 0.03, 132.89E, 0.05, h35km, n27, s290/26, mb4.0/5, Irian Jaya region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:40:59.1, 0.6, 0.0, S.6, 13.3E, h10km, M4.6/6, mb4.7/1, MLV4.6/6.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for MWPI Manokwari, Pap, 1.38 123 P, SWP Sorong, 1.77 247 P, SWI Sorong, 1.77 247 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for FAKI Fak Fak, 2.80 193 P, BAKI Biak, 3.38 107 P, BAKI Kaimena, Papua, 3.56 167 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for BNDI Bandanaira, 5.25 215 P, NLAI Namlea, 6.54 244 P, KDU Kakada, 12.44 182 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for MTN Manton Dam, 12.71 188 P, KNRA Kunurra, 15.94 195 P, FITZ Fitzroy Crossi, 19.19 201 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for FITZ Fitzroy Crossi, 19.19 201 P, WRA Warramunga Arr, 19.17 176 P, WRA Warramunga Arr, 19.17 176 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for ASAR Alice Springs, 23.39 176 P, ASAR Alice Springs, 23.39 176 P, ASAR Alice Springs, 23.39 176 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for CTA Charters Tower, 23.73 147 P, STKA Stephens Creek, 32.59 166 P, STKA Stephens Creek, 32.59 166 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for KSR5 Korea Array, 37.72 354 LR, H11N1 WAKE ISLAND Hy, 38.74 57 T, H11N2 WAKE ISLAND Hy, 38.75 57 T.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for H11N3 WAKE ISLAND Hy, 38.76 57 T, MKAR Makanchi Array, 64.28 324 P, ILAR Eielson Array, 85.96 25 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:55:56.6, 3.0, 0.19S, 170.01E, h0km, mb4.1/6, mb1 4.2/7, mb1mx4.0/18, mbtmp4.1/7, ML3.5/1, MS3.4/6, Ms1 3.4/6, ms1mx3.2/19, Error ellipse: s-maj=87.1km s-min=31.1km az=134.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for NOU Noumea, 4.14 231 eP, DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for IDC 16:15:56:02.2, 1.3, 19.6S, 0.2, 169.9E, 0.2, h35km, n35, s068/31, mb4.1/6, Vanuatu Islands.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP, DZM Mont Dzumac, 4.08 233 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for NORM Noumea, 4.14 231 eP, NORM Noumea, 4.14 231 eP, NORM Noumea, 4.14 231 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes entries for NORM Noumea, 4.14 231 eP, NORM Noumea, 4.14 231 eP, NORM Noumea, 4.14 231 eP.

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Table with columns: DSF Desfina, 0.46 82 eP, DSF Desfina, 0.46 82 eP, DSF Desfina, 0.46 82 eP.

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DDA 16:17:04:31.3, 42.242N, 26.46E, h7km, MD3.5 SOF 16:17:04:32.6, 42.23N, 26.23E, h6km, MD2.8 THE 16:17:04:33.5, 42.25N, 26.35E, h17km, 7km, ML3.1/3, Error ellipse: s-maj=9.2km s-min=0.6km az=44.0.

BEO 16:17:04:33.0, 42.22N, 26.24E, h6km, 3km, ML2.9/9 CSEM 16:17:04:33.0, 42.13N, 26.17E, h2km, ML3.1/3, Error ellipse: s-maj=5.7km s-min=5.2km az=115.0.

ISC 16:17:04:32.3, 0.42, 19.2S, 0.02, 169.9E, 0.02, h3km, 10km, n115, s1925/135, 22C-15B, Bulgaria.

PRU 16:17:03:15.1, 50.24N, 19.02E, h0km, Poland.

OJC Ojcow, 0.50 92 eP, OJC Ojcow, 0.50 92 eP, OJC Ojcow, 0.50 92 eP.

ISCJB 16:17:03:34.2, 0.3, 38.35N, 0.02, 21.94E, 0.03, h10km, 2km, Error ellipse: s-maj=3.8km s-min=3.0km az=39.9.

THE 16:17:03:34.6, 38.34N, 21.97E, h8km, 1km, ML2.4/4, Error ellipse: s-maj=1.6km s-min=0.6km az=48.0.

ATH 16:17:03:34.7, 38.35N, 21.93E, h8km, 1km, MD2.9/20 CSEM 16:17:03:34.1, 0.1, 38.35N, 21.96E, h15km, ML2.4/4, Error ellipse: s-maj=2.8km s-min=2.2km az=112.0.

ISC 16:17:03:34.0, 8.38, 35N, 0.02, 21.95E, 0.02, h12km, 5km, n60, s061/92, Greece.

PSA1 Psathopyros, 0.06 244 eP, PSA1 Psathopyros, 0.06 244 eP, PSA1 Psathopyros, 0.06 244 eP.

LAKA Lakka, 0.11 170 P, LAKA Lakka, 0.11 170 P, LAKA Lakka, 0.11 170 P.

UPR University Cam, 0.15 243 P, KALE Kalithea, 0.15 75 P, KALE Kalithea, 0.15 75 P.

KLV Kalavryta, Ach, 0.34 153 P, KLV Kalavryta, Ach, 0.34 153 P, KLV Kalavryta, Ach, 0.34 153 P.



Table with columns for station name, frequency, power, and signal quality. Includes stations like Agios Georgios, Prodomos, Vitinika, etc., and various technical details like SNR and modulation.



Table with columns for station code, name, coordinates, frequency, and status. Includes stations like MBDF Montbardonn, PVCC Pansa Ves, AKASG Malin Array Be, etc.

Table with columns for station code, name, coordinates, frequency, and status. Includes stations like LIC Lamto, MK31 Makanchi Array, ZAAO Zalesovo Array, etc.

Table with columns for station code, name, coordinates, frequency, and status. Includes stations like LVC Limon Verde, CEN1 Los Morros, LPAZ La Paz, etc.

Table with 4 columns: Station Name, Frequency, Modulation, and SNR. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR comp=Z,2.3nm,1.1s, etc.

Table with 4 columns: Station Name, Frequency, Modulation, and SNR. Includes stations like W26A Owens Ranch, T 62.88 330, 121A Cookies Peak, D, 62.92 332, etc.

Table with 4 columns: Station Name, Frequency, Modulation, and SNR. Includes stations like U21A Nageezi, 65.86 328, BGNE Belgrade, 65.88 338, etc.



16d 18h

Table of astronomical observations for 16d 18h, listing station names, coordinates, and observation details.

Table of astronomical observations for 16d 18h, listing station names, coordinates, and observation details.

Table of astronomical observations for 16d 18h, listing station names, coordinates, and observation details.

Table with columns: ISCO, Name, Az, El, M, S, P, Res, Time, h, m, s, ISC. Includes entries like Idaho Springs, Nageezi, Ramah, Edith, Quemado, Llavies, San Miguel Ran, etc.

Table with columns: Code, Station Name, Az, El, M, S, P, Res, Time, h, m, s, ISC. Includes entries like Nemuro 2, Nakash, Akkeshi, Ashoroboto, etc.

Table with columns: Code, Station Name, Az, El, M, S, P, Res, Time, h, m, s, ISC. Includes entries like Dimbokro, Kesra, Torodi Ari, etc.

16D 19h

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Roxas, Citaroman, CIBINONG, and many others.

2009 NOV

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like LEMBANG, BTDF, BTDF, KTMG, CISI, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like CMAR, CMAR, LHMI, LHMI, CMMT, CHIANG MAI, and many others.



Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.



Table with columns: RLS, ROR, GUR, MAKR, PDO, PDR, LKR, LTK, AMT, SMIA, VLA, VLL, VLS, ITM, MRKA, NEO, DID, KYTH, KYTH. Includes station names, coordinates, and time/res data.

Table with columns: NEO, XOR, ROR, SKIA, AOS, LIT, LIT. Includes station names, coordinates, and time/res data.

TAP 16:20:48:42.2,22:44N:120:36E, h13km, ML3.5, 4C-6D, B,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like TAW, EAST, ECL, SCZT, TTN, TWG, HEN, TWK1, SGLT, TSEB, TWP, KAU, TWM1, LAY, SGST, ELDTW, CHKT, CHN1, CHN1, WTP, WTP, TAI1, TAI1, TWP, TWK, TWF1, YUS, YUS, ALS, ALS, EHY, CHN8, CHN8, CHY, CHY, CHN2, CHN2, CHN5, WKG, WKG, WSF, WSF, ESL, SMLT, SMLT, WDG1, WDG1, WNT, WNT, TYC, TYC, PNG, TCU, TCU, WHF, WHF, TWD, TWD, TWQ1, TWQ1, NSY, NSY, NNS, NNS, ENA, ENA, NSTT, NSTT, NSK, NSK.

Table with columns: NSK, ENT, TWC. Includes station names, coordinates, and time/res data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like WRA, ASAR, JCJ, STKA, MKAR.

DHMR 16:21:04:25.9,1.3,11:88N:43:29E, h13km, 30km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like TRBA, UDYN, LBOS, BDHA, FURI, FURI.

IDC 16:21:13:45.9,1.7,0:31S:132:89E, h0km, mb4.0/4, ML4.1/1,

AUST 16:21:13:55.0,1.4,0:35S:130:00E, h5km

ISC 16:21:13:50.0,1.6,0:35S:132:72E, h0.2, h32km, n11,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like SWI, FAKI, TLE, KDU, WRA, ASAR, CTA, STKA, STKA, KSR5, ASAJ, MKAR.

ISCJB 16:21:21:30.1,0.2,35:55N:01:17:25W, h0.02, h10km,

NEIC 16:21:21:30.6,35:55N:11:27W, h2km, mb5.1/3,

NEIC Felt [IV] at Trona and [II] at Apple Valley, Barstow, Big Bear City, Crestline, Edwards, Highland, Lake Isabella, Lancaster, Palmdale, Redlands, Ridgecrest, Riverside, San Bernardino and Victorville, Felt from Ridgecrest into the Los Angeles Basin and as far as Ojai, San Diego and Visalia. Also felt at Reno, Nevada.

IDC 16:21:21:31.0,0.7,35:54N:11:17:15W, h0km, mb3.6/3,

ISC 16:21:21:30.4,0.5,35:54N:01:11:26W, h0.02, h10km,

ISC 16:21:21:30.4,0.5,35:54N:01:11:26W, h0.02, h10km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like LRM, GSC, GSC, GSC, MPMC, RRX, SHOC, SHOC, EDW2, EDW2, FURC, ISA, ISA, ISA, HEC, HEC, TUQ, TUQ, CWC, CWC, BBRC, BBRC, BFSC, BFSC, MWC, MWC, GMRC, GMRC, OSI, OSI.

CSEM 16:20:44:51.6,37:41N:22:00E, h4km, MD2.9, After ATH

ATH 16:20:44:51.5,37:40N:22:00E, h5km, MD2.9/16, Southern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like ITM, AMT, AMT, VLA, VLA, PVL, PVL, DRO, DRO, GUR, GUR, KLV, KLV, RLS, RLS, LTK, LTK, VLL, VLL, VLS, VLS, KYTH, KYTH.

ISCJB 16:20:45:03.3,0.4,38:42N:01:03:21:98E, h0.03, h5km, 5km,

CSEM 16:20:45:03.4,0.2,38:41N:22:00E, h5km, MD2.8, Error

ATH 16:20:45:03.3,38:44N:21:96E, h1km, MD2.8/12

THE 16:20:45:03.5,38:41N:21:99E, h1.2km, 1km, ML2.7/5, Error

ISC 16:20:45:03.5,0.9,38:42N:01:03:21:98E, h0.02, h11km, 6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes station names like PSA1, KALE, KALE, LAKA, LAKA, PVO, PVO, DSF, DSF, DSF, DSF, DESF, DESF, DRO, DRO, EVR, EVR, EVR, EVR, MAKR, MAKR, MAKR, MAKR, AXAR, AXAR, AXAR, AXAR, PDO, PDO, PDO, PDO, AGG, AGG, AGG, LKR, LKR, SMIA, SMIA, SMIA, SMIA, MRKA, MRKA, MRKA, MRKA, NEO, NEO.

Table of astronomical observations for 16d 22h, listing station names, codes, and coordinates.

Main table of astronomical observations for 2009 NOV, including station names, codes, and coordinates.

Table of astronomical observations for 640, including station names, codes, and coordinates.



16D 22h

Table with columns: TAM, Station Name, Frequency, Power, and other technical details. Includes stations like Tamnasset, Sonseca Array, Boshof, etc.

GEN 16 22:21:36.2, 44:98N, 11:53E, h0km, ML3.0
ROM 16 22:21:37.0, 82.0, 44:88N, 11:42E, h1km, 2km, M13.0/38,
Error ellipse: s-maj=1.7km s-min=1.2km az=97.0
LDG 16 22:21:38.2, 0.1, 44:85N, 11:46E, h2km, M13.1/17, Error
ellipse: s-maj=2.7km s-min=1.9km az=57.0
CSEM 16 22:21:38.3, 0.1, 44:86N, 11:38E, h10km, ML3.3/28, Error
ellipse: s-maj=2.6km s-min=1.8km az=127.0
VIE 16 22:21:39.0, 0.4, 44:86N, 11:49E, h6km, mb2.9/16,
ML3.1/18, Error ellipse: s-maj=3.7km s-min=2.2km
az=177.0 41 km NNE of Bologna
PRU 16 22:21:41.3, 44:94N, 11:38E, h22km
ISC 16 22:21:38.5, 0.5, 44:87N, 0:01, 11:37E, 0:01, h12km, 2km,
n227, s1817/332, 33C-A1D, Northern Italy

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RAVARA, FIU, SBPO, etc.

2009 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DDD, SFI, MAGA, etc.

642

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PCP, ABTA, ROSI, etc.



17D Oh

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TSM Tawau, MWPI Manokwari, SDKM Sandakan, etc.

2009 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NJ2 Nanjing, WH2 Wuhan, PPI Padang Panjang, etc.

644

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



17d Oh

2009 NOV

646

Table of astronomical data for 17d Oh, including columns for name, RA, Dec, mag, and other parameters.

Table of astronomical data for 2009 NOV, including columns for name, RA, Dec, mag, and other parameters.

Table of astronomical data for 646, including columns for name, RA, Dec, mag, and other parameters.



Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AGG Agios Georgios, MAKR Klokotos Trika, THLR Makromi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Z20A Nine Sixteen R, P25A Willow Gulch B, Q25A Houchin Ranch, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WVT Waverly, WDV Waverly, WVT Middlebury, etc.

ISC/JB 17 00:45:45.0,0.5,31.94S:0.10:57.3E:0.1,1h1km, mb=0.16,MS3.4/1, Error ellipse: s-maj=15.3km s-min=11.7km az=42

IDC 17 00:45:45.1,0.6,31.90S:57.34E,h0km,mb4.0/15, mb1.4/16,mb1mx4.0/31,mbmp4.0/16,ML4.0/1,MS3.4/1, Ms1.3/4.1,ms1mx2.6/35, Error ellipse: s-maj=20.2km s-min=17.8km az=14.0

NEIC 17 00:45:46.3,0.4,31.93S:57.33E,h10km,mb4.0/8, Error ellipse: s-maj=12.2km s-min=9.1km az=223.0

ISC 17 00:45:46.8,0.6,31.9S:0.1:57.3E:0.1,h11km,n48, e=052/36,mb4.1/16, Southwest Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ABPO Ambohimanpon, OPO Ambohitratompso, etc.



Table with columns for station ID, name, coordinates, and status. Includes stations like KARP Karpathos, ARG Arkhangelos, DALY Daljan, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Contains various astronomical observations and data points.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like H1N3 WAKE ISLAND, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TREC Trest, PVCC Panska Ves, PRU Pruhonice, etc.

IDC 17 02:47:58.4 ± 1.1, 101°40'N, 82°9'11W, h0km, mb3.6/8, mb1.4/0.12, mb1mx3.9/27, mbtmp3.8/12, ML3.9/4, MS3.1/6, Ms1.3/1.6, ms1mx2.9/34, Error ellipse: s-maj=29.7km s-min=16.3km az=20.0

ISCJB 17 02:48:01.1 ± 1.1, 101°58'N, 0°03'82.88W, 0.02, h24km, 8km, mb3.9/15, MS3.0/1, Error ellipse: s-maj=4.4km s-min=3.8km az=172.0

NEIC 17 02:48:02.5 ± 10.60N, 82°9'21W, h36km, mb4.4/6, MD4.4(CASC), After CASC.

ISC 17 02:48:03.2 ± 2.0, 105°00'N, 05°82'91W, 0.04, h29km ± 16km, n117, 01922/125, mb3.9/15, 33C-39D, North of Panama

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URSC Urasca, SJS Escuela Geolog, BLS Buena Vista, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCR Jicaral, CAO Cobano, VCR Vista de Mar, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SDCO Great Sand Dun, SIV San Ignacio, U21A Nageezi, etc.

ISCJB 17 03:03:48.4 ± 1.2, 85°3'N, 0°2'14E, h10km, mb3.3/5, MS3.0/9, Error ellipse: s-maj=58.8km s-min=12.3km az=159.5

IDC 17 03:03:49.3 ± 1.8, 85°40'N, 12°74E, h0km, mb3.4/5, mb1.3/7.7, mb1mx3.4/28, mbtmp3.5/7, ML3.6/2, MS3.1/12, Ms1.3/1.2, ms1mx3.0/26, Error ellipse: s-maj=83.9km s-min=19.1km az=67.0

ISC 17 03:03:50.4 ± 1.4, 85°3'N, 0°2'13.7E, 0.4, h10km, n16, 0192177, mb3.4/5, MS2.8/9, North of Svalbard

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SPITS Spitsbergen Ar, ARCES ARCESS Array B, FINES FINES Array B, etc.

KRSC 17 03:07:00.4 ± 5.4, 54°44'N, 161°83E, h16km ± 15km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KZV Kizimen, TUMR Tumrok, KMNr Kamenistaya, etc.

OTT 17 03:11:43.0 ± 0.2, 73°75'N, 73°12'W, h18km, ML4.4/12, Baffin Bay Seismic Zone. 196km northeast from Point Inlet, Nu

IDC 17 03:11:43.0 ± 0.6, 73°72'N, 72°79'W, h0km, mb3.7/13, mb1.4/0.19, mb1mx3.8/34, mbtmp3.8/19, ML3.5/5, MS2.9/6, Ms1.3/0.6, ms1mx2.7/35, Error ellipse: s-maj=146.0 s-min=13.2km az=146.0

ISC 17 03:11:43.2 ± 0.5, 73°50'N, 0°05'73.47W, 0.05, h10km, n56, 0247/59, mb3.7/12, MS2.6/6, Baffin Bay

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ILON Iglolik, LAIN Lailior River, RES Resolute Bay, etc.

Table with columns: RES, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Resolute Bay, Eureka, Qililugaa Expl, CMBN Cumberland Cam, WAGN Wager Bay, etc.

IDC 17 03:41:39.1.2.9, 20:00'S, 179.41'E, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.6/17, mbtmp3.5/3, Error ellipse: s-maj=293.1km s-min=34.8km az=162.0, South of Fiji Islands

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, TXAR Lajitas Array, BRTR Keskin Array B, etc.

IDC 17 04:23:57.3.0.9, 3:07'S, 139.67'E, h0km, mb4.2/8, mb1 3.6/11, mb1mx4.2/20, mbtmp4.2/11, ML3.9/3, MS3.6/6, Ms1 3.6/6, mb1mx3.2/25, Error ellipse: s-maj=36.7km s-min=17.8km az=81.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WAMI Wama, SRPI Serui, FAKI Fak Fak, PMG Port Moresby, COEN Coen, etc.

NNC 17 04:25:37.2.5.9, 40:02'N, 72:24'E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=48.3km s-min=27.1km az=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu, EKS2 Erkin-Say, AAK Ala-Archa, KZA Kyzart, etc.

IDC 17 04:28:32.6.1.4, 2:83'S, 79:36'W, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4/22, mbtmp3.4/4, ML3.2/1, Error ellipse: s-maj=70.4km s-min=32.5km az=53.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations like RIOE, WACE, MACAS, IGUALA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations like H10S2, H10S1, H10N1, H10N3, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations like DBIC, MAW, MKAR, FITZ, etc.

NSSC 17 07:01:46.3z:2.3,38°40'N:45°07'E, h61km,231km, MD2.8, ML3.6

ISN 17 07:01:46.2z:1.2,37°74'N:44°44'E, h0km,6km

TEH 17 07:02:05.5z:37°14'N:43°86'E, h15km, ML3.7

ISN 17 07:02:02.0z:37°19'N:02:43°64'E:0.02, h8km,6km, n80, r158/99, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations like CUKT, HAKT, MSLS, SIRT, etc.

IAZR Azarshahr 1.93 75 ePN Sn 07 02 35.6 +0.2

IAZR Azarshahr 1.93 75 ePN Sn 07 02 35.6 +0.2

IAZR Azarshahr 1.93 75 ePN Sn 07 02 35.6 +0.2

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IAZR Azarshahr 1.93 75 ePN Sn 07 02 35.6 +0.2

IAZR Azarshahr 1.93 75 ePN Sn 07 02 35.6 +0.2

CSEM 17 05:20:38.2,37°27'N:20°12'E, h5km, MD3.5, After ATH

ATH 17 05:20:38.2,37°27'N:20°11'E, h5km,2km, MD3.5/15, Ionian Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations like SFD, VLS, AMT, RLS, etc.

NIED 17 06:10:00,37°80'N:142°40'E, h23km, Mw3.5 Best double couple: M2.35000-104, N171+28,00000-87,00000

ISCJ 17 06:10:00,37°80'N:142°76'E, h0km, mb3.6/6, mb1.3/6.8, mb1mx3.5/26, mbtm3.6/6, ML2.72, MS2.7/3, Ms1.2/8.3, mb1mx2.5/31, Error ellipse: s-maj=5.4,1km s-min=21.4km az=67.0

JMA 17 06:10:14.8z:0.1,37°83'N:142°42'E, h36km,2km, M3.8

ISCJJB 17 06:10:15.3z:37°85'N:0°06'142E:0.1, h25km,20km, n27, r111/29, mb3.6/6, Off east coast of Honshu

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JIO, JMM, JJK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JJK, JYM, JYJ, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Code Station Name Az AZ Phase ID Time Res. Lists various stations like JYK, JYJ, JYK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include IVIS, IKS, IKS, IKS, IKS, MNKR, ELZG, ELZG, ELZG, BHD, KSRV, KSRV, KSRV, JHLN, JHLN, JHLN, JHLN, IBD, RTB, RTB, RTB, BTCH, BTCH, BTCH, ARNB, ARNB, ARNB, ARNB, ZALF, ZALF, ZALF, SALA, SALA, SALA, BRBR, BRBR, BRBR, BRBR, BRBR.

MEX 17 07:03:26±0.3, 17.26N×101.25W, h16km±4km, MD3.7, Near coast of Guerrero. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include ZIIG, CAIG, CAIG, ARIG, PLIG, TLIG, YALG, YALG.

ISLANDS REGION Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include DZM, DZM, DZM, RAR, TBI, TBI, PAE, PPT2, PPT2, TVO, VAH, CTA, STKA, STKA, ASAR, ASAR, WRA, WRA, WRA, VAND, QSPA, MAW, MAW, MJAR, JNU, JNU, USURIK, USURIK, VNR, VNR, CMAR, CMAR, PDAR, PDAR, ILAR, ILAR, MKAR, MKAR, ARCES, ARCES.

FINES FINES Array B 142.64 342 PKHKP PKPpre 07 26 11.2. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KBZ, NB2, NOA, AKASG, AKASG, BRTR, BRTR, BRTR, TORO, TORO, TORO.

KRSC 17 07:21:16.7;8.2, 49.35N;158.02E, h7km±7km, ML3.8, East of Kuril Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include RUS, RUS, MTVR, MTVR, SMR, SMR, NIED, NIED, SKHL, SKHL, ISC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res.

NNC 17 07:28:41.2;2.9, 38.49N;69.15E, h0km, mb3.9, mpv3.6, 5C-4D, Error ellipse: s-maj=25.0km s-min=11.4km az=3.0, Tajikistan. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KK31, KK31, TKM2, TKM2, TKM2, AB31, AB31, AKTO, AKTO, AKTO.

IDC 17 07:35:50.4;1.1, 13.80N;92.68E, h0km, mb4.0/7, mb1.4/0.8, mb1mx3.7/27, mbtmp3.9/8, ML4.0/1, MS3.4/2, MS1.3/4, ms1mx2.7/35, Error ellipse: s-maj=41.3km s-min=17.6km az=62.0. ISCJB 17 07:35:53.0;0.9, 13.93N;0.1x92.8E;0.2, h33km, mb4.0/7, MS3.4/2, Error ellipse: s-maj=23.0km s-min=15.7km az=154.2. ISC 17 07:35:55.1;0.1, 14.1N;0.1;192.72E;0.10, h35km, n10, s293/10, mb4.1/7, 1.2, Andaman Islands region. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include CMAR, CMAR, JBP, JBP, JBP, AAK, AAK, MKAR, MKAR, SONM, SONM, ZALV, ZALV, ASAR, ASAR, BRTR, BRTR, STKA, STKA, STKA.

IDC 17 07:40:10.7;1.2, 11.81N;96.94E, h0km, mb4.1/11, mb1.4/2/3, mb1mx4.0/28, mbtmp4.1/13, ML3.3/1, MS3.3/4, MS1.3/4, ms1mx3.0/37, Error ellipse: s-maj=32.9km s-min=18.5km az=50.0. ISCJB 17 07:40:14.5;0.5, 13.32N;0.06x97.09E;0.06, h28km, mb4.2/16, MS3.3/4, Error ellipse: s-maj=9.4km az=41.2. NEIC 17 07:40:16.2;0.5, 1.26N;97.07E, h35km, mb4.4/4, Error ellipse: s-maj=11.2km s-min=9.1km az=223.0. DJA 17 07:40:17.3;0.6, 2.14N;14x97.9E, h12km, 15km, M4.0/5, mb4.2/1, mb4.5/1, MLV4.0/5, MWM(B)3/1. ISC 17 07:40:16.5;0.8, 1.39N;0.09x97.08E;0.07, h28km, n66, s1501/56, mb4.2/16, MS3.3/4, Northern Sumatera. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include GSI, GSI, GSI, GSI, GSI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include SNSI, SNSI, TPTI, KCSI, KCSI, PSI, PSI, PSI, PSI, IPM, IPM, IPM, KULM, KULM, KULM, CMAR, CMAR, CMAR, SHL, SHL, H08S3, H08S3, H08S1, H08S1, ODAN, ODAN, H08N1, H08N1, H08N2, H08N2, H08N3, H08N3, TAPN, TAPN, RAMN, RAMN, JIRN, JIRN, PKI, PKI, PKIN, PKIN, GUN, GUN, DMM, DMM, KKN, KKN, GKN, GKN, DANN, DANN, H01W3, H01W3, H01W2, H01W2, H01W1, H01W1, WRA, WRA, WRA, WRAB, WRAB, ASAR, ASAR, ASAR, KSAR, KSAR, KSRV, KSRV, KSRS, KSRS, AAK, AAK, SONM, SONM, SONM, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, ULN, ULN, KURK, KURK, USRK, USRK, ZALV, ZALV, STKA, STKA, STKA, BVAR, BVAR, BVAR, ABKAR, ABKAR, AKTO, AKTO, AKTO, FINES, FINES, FINES, FINES, ARCES, ARCES, ARCES, NOA, NOA, TXAR, TXAR, TXAR, TXAR, IDC 17 07:52:57.0;3.8, 24.40N;96.21E, h0km, mb3.4/3, mb1.3/6/3, mb1mx3.3/27, mbtmp3.4/3, Error ellipse: s-maj=394.7km s-min=27.9km az=59.0. ISCJB 17 07:52:58.4;1.1, 23.8N;0.3x95.3E;0.3, h33km, mb3.4/3, Error ellipse: s-maj=58.2km s-min=11.0km az=40.8. ISC 17 07:53:00.6;1.4, 23.3N;0.4x95.2E;0.3, h35km, n5, s1937/5, mb3.5/3, Myanmar. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include IMP, IMP, SHL, SHL, SHL, WRA, WRA, ASAR, ASAR, TAP, TAP, JMA, JMA, ISC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include HATJ, HATJ, YOJ, YOJ, IRIR, IRIR, IRIR, JKRS, JKRS, JKRS, TWD, TWD, TWD, JIJ, JIJ, ESL, ESL, ESL, CHYK, CHYK, CHYK, EHY, EHY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include TWFI, ENA, WNC, WHF, WHF, ELDTW, ENTT, NNS, NNS, TWG, TWG, YUS, YUS, TWT, TWT, SMLT, SMLT, NSK, NSK, ALS, ALS, ALS, TYC, NWF, NWF, JTJ, JTJ, CHNS, CHNS, WTP, WTP, EAST, EAST, NSTT, NSTT, TWQ1, TWQ1, CHN1, CHN1, TWK, TWK, SCZ7, SCZ7, TW1, TW1, TWK1, TWK1, JMW.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include NNC, KURK, KURK, KURB, KURB, KURB, MK31, MK31, MK31, VOSK, VOSK, VOSK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IDC, IDC, IDC, IDC, SDDR, SDDR, SMLA, SMLA, KMLR, KMLR, RTK, RTK, AYAN, AYAN, KK31, KK31, DANN, DANN, KOLN, KOLN, GKN, GKN, DMN, DMN, GUN, GUN, JIRN, JIRN, RAMN, RAMN, MKAR, MKAR, TAPN, TAPN.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include AB31, BVAR, AKTO, ZALV, TORD, TORD, WRA, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IDC, IDC, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include URZ, URZ, STKA, CTA, ASAR, WRA, FINES, TORD.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include BKK, BKK, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CMAI, CMAI, CRAI, CRAI, PAYA, CMMT, MHMT, MHMT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include DJA, DJA, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GTOI, GTOI, LUWI, LUWI, MRSI, MRSI, APSI, APSI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IDC, IDC, FUNV, FUNV, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include CAPV, CAPV, ROSC, ROSC, ROSC, SOCV, SOCV, SOCV, ELOV, ELOV, QARV, QARV, CURV, CURV, SIOV, SIOV, BAUV, BAUV, MAPV, MAPV, TURV, TURV, MERV, MERV, CUPV, CUPV, PRGV, PRGV, PCRV, PCRV, GURV, GURV, GUNV, GUNV, LUEV, LUEV, PCWJ, PCWJ, GWJ, GWJ, STH, STH, MCJ, MCJ, JTS, JTS, TEIG, TEIG, LPAZ, LPAZ, SIV, SIV, TXLR, TXLR, ULM, ULM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include SCHO, SCHO, PDAR, PDAR, NVAR, NVAR, YKA, YKA, SUMG, SUMG, TORD, TORD, ILAR, ILAR, ARCS, ARCS, ASAR, ASAR, WRA, WRA, WRA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include JSN, JSN, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include MCJ, MCJ, STH, STH, GWJ, GWJ, HOJ, HOJ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PCJ, PCJ, PCJ, ATH, CSEM, THE, IDC, IDC, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GVD, GVD, GVD, GVD, VAM, VAM, VAM, VAM, ANKY, ANKY, ANKY, ANKY, SIVA, SIVA, SIVA, ANKA, ANKA, ANKA, ANKA, KYTH, KYTH, KYTH, LAST, LAST, LAST, LAST, LAST, LAST, LAST, LAST, VLI, VLI, VLI, ZKR, ZKR, DID, DID, DID, DID, NAIG, NAIG, NAIG, NAIG, GUR, GUR, GUR, GUR, VILL, VILL, VILL, KLV, KLV, KLV, KLV, KLV, ERET, ERET, ERET, MRKA, MRKA, MRKA, AXAR, AXAR, AGG, AGG, AGG, MAKR, MAKR, MAKR, SKIA, SKIA, SKIA, BRTR, BRTR, BRTR, MLR, MLR, EIL, EIL, VRAC, VRAC, OKC, OKC, GERES, GERES, KHC, KHC, DPC, DPC, AKASG, AKASG, HSDC, HSDC, FINES, FINES, NB2, NB2, NOA, NOA, EKA, EKA, TORD, TORD, ARCS, ARCS, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, SONM, SONM, USRK, USRK, ILAR, ILAR, WRA, WRA, ASAR, ASAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include IDC, IDC, IDC, IDC, VNA1, VNA1, VNA2, VNA2, SNA, SNA, PLCA, PLCA, CPUP, CPUP, VNA, VNA, BOSA, BOSA, H10S2, H10S2, H10S3, H10S3, H10S1, H10S1, LPAZ, LPAZ, TORD, TORD, SONM, SONM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include PCJ, PCJ, PCJ, ATH, CSEM, THE, IDC, IDC, ISC, Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include GVD, GVD, GVD, GVD, VAM, VAM, VAM, VAM, ANKY, ANKY, ANKY, ANKY, SIVA, SIVA, SIVA, ANKA, ANKA, ANKA, ANKA, KYTH, KYTH, KYTH, LAST, LAST, LAST, LAST, LAST, LAST, LAST, LAST, VLI, VLI, VLI, ZKR, ZKR, DID, DID, DID, DID, NAIG, NAIG, NAIG, NAIG, GUR, GUR, GUR, GUR, VILL, VILL, VILL, KLV, KLV, KLV, KLV, KLV, ERET, ERET, ERET, MRKA, MRKA, MRKA, AXAR, AXAR, AGG, AGG, AGG, MAKR, MAKR, MAKR, SKIA, SKIA, SKIA, BRTR, BRTR, BRTR, MLR, MLR, EIL, EIL, VRAC, VRAC, OKC, OKC, GERES, GERES, KHC, KHC, DPC, DPC, AKASG, AKASG, HSDC, HSDC, FINES, FINES, NB2, NB2, NOA, NOA, EKA, EKA, TORD, TORD, ARCS, ARCS, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, SONM, SONM, USRK, USRK, ILAR, ILAR, WRA, WRA, ASAR, ASAR, IDC, IDC, IDC, IDC, VNA1, VNA1, VNA2, VNA2, SNA, SNA, PLCA, PLCA, CPUP, CPUP, VNA, VNA, BOSA, BOSA, H10S2, H10S2, H10S3, H10S3, H10S1, H10S1, LPAZ, LPAZ, TORD, TORD, SONM, SONM.







Table with columns: STKA, Station Name, Frequency, Power, and various status indicators. Includes stations like Stephens Creek, GYAI, KMI, etc.

Main table with columns: AAK, Station Name, Frequency, Power, and various status indicators. Includes stations like Ala-Archa, Almayashu, Erkin-Say, etc.

Table with columns: Code, Station Name, Frequency, Power, and various status indicators. Includes stations like HNR, DZM, CTA, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like LON Longmire, COR Corvallis, G05D Wamic, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MCCC Marconi Confer, C19A Slack Wire Ran, QLMT Corvallis, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DUG Dugway, DUG Dugway, I20A World, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical data. Includes stations such as OSI Osito Adit, EDW2 Edwards Air Fo, B27A Peters Farms, etc.

17d 15h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like W24A Lazy 6 Ranch, O31A Wooten Ranch, and many others.

2009 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Z26A Caprock, X28A Dimmitt, AMTX Amalillo, and many others.

660

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ABTX Abilene, Hawle, 626A Big Bend Ranch, and many others.



17d 15h

Table of flight data for the first 17 days of the month, including flight numbers, airlines, times, and status.

2009 NOV

Table of flight data for the month of November 2009, including flight numbers, airlines, times, and status.

662

Table of flight data for the month of November 2009, continuing from the previous table, including flight numbers, airlines, times, and status.





17d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AVRIL sur Loir, GAVIEIRA, and KASPERSKA HORY.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Frestale, La Plantade, and La Chapelle.

664

Table with columns for station name, frequency, power, and other technical details. Includes stations like STEBNICKA HUTA, MALIN ARAY BE, and MALIN ARAY SI.

Table of astronomical observations with columns for object name, coordinates, magnitude, and other data. Includes entries like VSR, OG26, CRVS, and various other objects.

Table of astronomical observations with columns for object name, coordinates, magnitude, and other data. Includes entries like BUD, TREF, MESSJ, and various other objects.

Table of astronomical observations with columns for object name, coordinates, magnitude, and other data. Includes entries like XAN, CJR, NVLJ, and various other objects.

17d 15h

Table with columns for station name, frequency, power, and coordinates. Includes stations like Herceg Novi, Osipenko, Osipenko, and various other locations.

2009 NOV

Table with columns for station name, frequency, power, and coordinates. Includes stations like SOC, KBZ, KNT, FNA, EDNR, and various other locations.

666

Table with columns for station name, frequency, power, and coordinates. Includes stations like GYA, CAVI, SMIA, AKH, KZR, VLS, BALB, SIGR, SIGH, and various other locations.



17d 15h

2009 NOV

Table with columns for station call letters, name, frequency, and other details. Rows include BMRM, KRMB, YBHA, etc.

Table with columns for station call letters, name, frequency, and other details. Rows include FMP, GMRC, U15A, etc.

Table with columns for station call letters, name, frequency, and other details. Rows include W18A, U21A, Z14A, etc.







Table with columns for station name, frequency, and other parameters. Includes stations like KOLS Kolonice sedl, KECS Kecov, and various other regional stations.

Table with columns for station name, frequency, and other parameters. Includes stations like BZS Buzias, TESR Tescani, GZR Gura Zlata, and various other regional stations.

Table with columns for station name, frequency, and other parameters. Includes stations like JIRN Jiri, DANN Danging, KKN Kakani, and various other regional stations.

IDC 17:42:39.4±2.0, 171N, 127°23'E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.4/21, mbtmp3.4/4, ML3.3/1, Error ellipse: s-maj=129.8km s-min=23.9km az=69.0,

IDC 17:15:45:33.7±0.8, 5°38'N, 127°61'E, h0km, mb3.9/9, mb1 4.1/9, mb1mx3.9/24, mbtmp3.9/24, Error ellipse: s-maj=62.6km s-min=15.2km az=73.0,

IDC 17:15:45:41.1±0.8, 5°20'N, 127°10'E, h53km, n14, s-maj=103.1km s-min=10.1km az=149.7, Error ellipse: s-maj=23.7km s-min=8.0km az=149.7,

IDC 17:15:51:40.4±1.2, 28°10'N, 104°48'E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/26, mbtmp3.6/5, ML3.3/1, Error ellipse: s-maj=89.1km s-min=20.6km az=63.0,

IDC 17:15:51:43.4, 28°02'N, 104°13'E, h10km, ML3.5/11, s-maj=103.1km s-min=10.1km az=149.7, Error ellipse: s-maj=23.7km s-min=8.0km az=149.7,

IDC 17:15:51:42.3±1.0, 28°07'N, 104°11'E, h10km, n7, s-maj=103.1km s-min=10.1km az=149.7, Error ellipse: s-maj=23.7km s-min=8.0km az=149.7,

IDC 17:15:54:27.1±0.1, 51°31'N, 131°33'W, h20km, ML3.8/5, 1D, 149km south of Sandspit, Bc Queen Charlotte Islands region, Queen Charlotte Islands region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

IDC 17:15:54:56.1±4.2, 8°57'N, 111°08'E, h18km, 52km, M3.7/10, ML3.7/10, Sumbawa region

17d 16h

Table with 5 columns: GMJ/GSPSI, Gumukmas/Sidrap Palu, 4.39 267/4.47 25, P/P, Pn/Pn, 16.06 02.6/16.06 03.0, +0.7/0.0

MAN 17 16:18:34, 9.23N, 126.11E, h34km, mb4.8, ML3.7, MS3.7, Mindanao

Table with 7 columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BUTP Butuan, SCPH Surigao, MSP/L Maasin, etc.

ICD 17 16:24:23.1±5.5, 27.83S×177.96W, h111km, 60km, mb3.1/2, mb1 3.4/2, mb2mp3.1/2, Error ellipse: s-maj=89.4km s-min=49.3km az=166.0, Kermadec Islands region

Table with 7 columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

PGC 17 16:26:21.0±6.4, 51.82N×131.64W, h20km, ML4.6/7, 159km south of Sandspit, Bc Queen Charlotte Islands Region

Table with 7 columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISCJB 17 16:26:23.6±0.9, 52.03N×131.43W, h10km, 6km, mb4.4/1, MS5.4/2, Error ellipse: s-maj=6.2km s-min=2.8km az=144.3, BUI 17 16:26:23.4, 51.90N×131.30W, h10km, mb5.1/5, mb4.8/2.1, MS5.1/3, MS7.5/0.4

Table with 7 columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BNB Barry Inlet, MOCB Moresby Island, DIB Dawson Inlet, etc.

NEIC 17 16:26:24.0±0.5, 51.97N×131.58W, h10km, mb4.5/30, ML4.6(O/TT), Error ellipse: s-maj=12.2km s-min=4.1km az=54.0, ISC 17 16:26:26.0±0.5, 52.02N×131.32W, h15km, 2km, mb4.0, 1817/331, mb4.5/4.1, 105C-118D, Queen Charlotte Islands region

Large table with 7 columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like BNB Barry Inlet, MOCB Moresby Island, DIB Dawson Inlet, etc.

2009 NOV

Large table with 7 columns: WAKR Walker, F19A Roth Farm, Mol, I17A Pilgrim Ck, E20A Meyer Farm, Mu, etc. Includes station names, coordinates, and times.

672

Large table with 7 columns: J25A Sunshine Ranch, M23A Laramie, N22A Wattenberg Ranch, etc. Includes station names, coordinates, and times.

Table with columns: Y20A, Horse Springs, 25.12 129, P, P, 16 31 45.8 +0.3. Includes stations like ECSD, U25A, W23A, ANMO, V24A, LAZ, TUC, Y21A, P30A, Q29A, V25A, W24A, U26A, LENM, LPM, Z20A, T27A, Q30A, BNM, Y22A, P31A, Z21A, T28A, V26A, W25A, Y23A, EYMM, Z22A, X25A, 121A, Y24A, Z20A, X26A, Y25A, Z24A, 320A, Q33A, 124A, Y27A, Z26A, MSTX, 125A, Z22A, 227A, MNXX, 226B, X31A, W32A, 128A, 425A, 326A, 426A, 427A, 526A, 428A, 527A, 627A, 528A, TXAR, 627A, 529A, 628A, SUMG, H112, H113, H111, H115, H112, H113, NB2, NOA, NOA, CN2, SONM, ZAAO, ZALV, ZALV, HHC, HHC, HHC, HHC, HHC, HHC.

Table with columns: HHC, comp=Z,810nm,16.0s, LR, LR, 16 31 45.8 +0.3. Includes stations like BRG, NKCC, PVCC, PRUC, DPC, DPC, KURFK, KURBK, KHC, KHC, GERES, GERES, OKK, OKK, NJ2, NJ2, AKASG, AKASG, MKAR, MKAR, ABKAR, WMQ, WMQ, LZH, LZH, LZH, LZH, AAK, CUC, CD2, CD2, CD2, CD2, CD2, CD2, CD2, KSH, KSH, KSH, KSH, KSH, GYA, GYA, LPAZ, LPAZ, BRTR, BRTR, KMI, KMI, VNA2, VNA2, SNA4, SNA4, SNA4, SNA4, AUGST, IDC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like PMG, COEN, MTSU, HNR, KDU, CTA, MTN, WRA, WRA, KNSR, RMQ, QLP, ASAR, FITZ, FITZ, FITZ, STKA, SONM, MKAR, ZALV, ILAR, TORD, IDC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like SONM, MKAR, WRA, ASAR, FITZ, FITZ, STKA, SONM, MKAR, ZALV, ILAR, TORD, PGC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like BNB, MOCB, HHC, DIB.

Table with columns: DIB, 16 37 28.8 -0.5, NDB, Naden, 2.28 342, Pn, Pn, 16 37 21.6 -0.1. Includes stations like BBB, Bella Bella, 2.30 79, Pn, Pn, 16 37 22.3 +0.4. Includes stations like MAYB, Maynard, 3.22 114, Pn, Pn, 16 37 34.0 -0.8. Includes stations like MAN, 17 16:39:26, 5.64Kx124.84E, h11km, mb4.0, ML2.7, MS2.4, 1C, Mindanao. Includes stations like Code, Station Name, A, AZ, Phase ID, Time, Res, ISC. Includes stations like GSI, Gunungsitoli, 1.50 319, Op, P, 16 50 00.0 +0.7. Includes stations like GSI, Padang Panjang, 1.94 109, S, P, 16 50 15.0 +0.8. Includes stations like PPI, Padang Panjang, 1.94 109, P, P, 16 50 28.2 -0.3. Includes stations like BKN, Bangkinang, 2.49 86, P, P, 16 50 13.0 +0.2. Includes stations like BKN, Bangkinang, 2.49 86, P, P, 16 50 14.2 +1.4. Includes stations like PSI, Prapat, 2.65 8, P, P, 16 50 14.3 -0.8. Includes stations like PSI, Prapat, 2.65 8, P, P, 16 50 13.6 -1.5. Includes stations like PSI, Prapat, 2.65 8, P, P, 16 51 33.1. Includes stations like SSI, Sinabang, Aceh, 3.15 315, P, P, 16 50 23.8 +0.3. Includes stations like TPTI, Sinabang, Aceh, 3.37 336, P, P, 16 50 24.3 -0.6. Includes stations like KCS, Kotacane, 4.33 347, P, P, 16 50 25.6 +0.1. Includes stations like FRIM, Kepong, 4.33 347, P, P, 16 50 43.1 +5.0. Includes stations like IPM, Ipoh, 4.95 30, P, P, 16 50 49.7 +3.1. Includes stations like IPM, Ipoh, 4.95 30, P, P, 16 50 48.8 +2.2. Includes stations like KGM, Kluang, 5.10 69, P, P, 16 50 50.1 +1.4. Includes stations like LHMI, Lhok Sumawe, 5.28 342, P, P, 16 50 51.9 +0.7. Includes stations like BTDF, Bukit Timah Da, 5.35 77, P, P, 16 50 52.9 +0.8. Includes stations like BTDF, Bukit Timah Da, 5.35 77, P, P, 16 50 52.9 +0.8. Includes stations like KULM, Kulim, 5.50 22, P, P, 16 50 57.2 +2.9. Includes stations like KULM, Kulim, 5.50 22, P, P, 16 50 54.5 +0.2. Includes stations like MYKOM, Kota Tinggi, 5.53 73, P, P, 16 50 55.1 +0.5. Includes stations like MYKOM, Kota Tinggi, 5.53 73, P, P, 16 50 54.1 -0.5. Includes stations like MNAI, Manna, 6.29 136, P, P, 16 51 04.4 -0.6. Includes stations like MNAI, Manna, 6.29 136, P, P, 16 51 05.7 +0.7. Includes stations like KTMG, Kuala Trengganu, 6.87 42, P, P, 16 51 14.9 +1.9. Includes stations like MDSI, Maura Dua, 7.27 130, P, P, 16 51 19.4 +0.9. Includes stations like CISI, Cisomet, Garu, 12.00 130, P, P, 16 52 21.4 -2.0. Includes stations like SBUM, Sibul, 13.85 80, P, P, 16 52 52.5 -3.0. Includes stations like UGM, Wanagama, 14.38 124, P, P, 16 52 54.5 -1.2. Includes stations like JAGI, Jati Banyawa, 17.75 119, P, P, 16 53 40.2 +1.3. Includes stations like KKM, Kota Kinabalu, 18.57 71, P, P, 16 53 50.8 +2.1. Includes stations like SDKM, Sandakan, 19.39 73, P, P, 16 53 58.4 -0.1. Includes stations like LUWI, Luwih, 24.24 93, P, P, 16 54 50.7 +3.2. Includes stations like H08S2, Diego Garcia H, 21.2 253, T, T, 17 22 43.1. Includes stations like H08S3, Diego Garcia H, 21.2 253, T, T, 17 22 47.5. Includes stations like H08S1, Diego Garcia H, 21.2 253, T, T, 17 22 48.9. Includes stations like H08N1, Diego Garcia H, 28.24 256, T, T, 17 24 56.0. Includes stations like H08N2, Diego Garcia H, 28.25 256, T, T, 17 24 57.7. Includes stations like H08N3, Diego Garcia H, 28.26 256, T, T, 17 24 50.1. Includes stations like XAN, Xi'an, 35.07 15, P, Pmax, 16 56 23.1 -0.3. Includes stations like XAN, Xi'an, 35.07 15, P, Pmax, 16 56 23.1 -0.3. Includes stations like WRA, Warramunga Arr, 40.34 122, P, P, 16 57 05.8 -2.3. Includes stations like WRA, Warramunga Arr, 40.34 122, P, P, 16 57 05.8 -2.3. Includes stations like ASAR, Alice Springs, 41.69 127, P, P, 16 57 16.4 -2.8. Includes stations like KRSR, Koro Arra, 45.95 93, P, P, 16 57 52.5 -0.5. Includes stations like SONM, Songino Array, 47.97 7, P, P, 16 58 09.7 +0.8. Includes stations like SONM, Songino Array, 47.97 7, P, P, 16 58 19.7 -2.2. Includes stations like SONM, Songino Array, 47.97 7, P, P, 16 59 35.7 -0.8. Includes stations like SONM, Songino Array, 47.97 7, P, P, 16 59 48.1. Includes stations like MKAR, Makanchi Array, 48.54 345, P, P, 16 58 13.8 +0.4. Includes stations like STKA, Stephens Creek, 51.66 132, P, P, 16 58 37.5 +0.5. Includes stations like USRK, Ussuriysk Arra, 52.97 30, P, P, 16 58 46.7 +0.2. Includes stations like ZALV, Zalesovo Beam, 54.80 350, P, P, 16 58 59.6 -0.1. Includes stations like KBZ, Khabz, 65.74 319, P, P, 17 00 14.8 +0.2. Includes stations like BRTR, Keskin Array B, 70.81 312, P, P, 17 00 46.1 -0.7. Includes stations like BOSA, Boshof, 75.45 240, P, P, 17 01 15.7 +1.4. Includes stations like AKASG, Malin Array Be, 76.90 322, P, P, 17 01 21.3 -0.6. Includes stations like VRI, Vrincoiaia, 77.30 317, P, P, 17 01 30.7 +6.4. Includes stations like PIOR, Plostina, 77.34 317, P, P, 17 01 30.3 +3.3. Includes stations like KOLS, Kolonica sedl, 80.88 320, P, P, 17 01 45.1 +1.2. Includes stations like FINES, Finess Array B, 81.54 332, P, P, 17 01 47.1 +0.1. Includes stations like FINES, Finess Array B, 81.54 332, P, P, 17 01 48.4 -2.7. Includes stations like STHS, Stebnicka Huta, 81.63 320, P, P, 17 01 48.9 +1.0. Includes stations like ARCES, ARCES Array B, 83.96 340, P, P, 17 01 59.7 +0.2. Includes stations like ARCES, ARCES Array B, 83.96 340, P, P, 17 02 11.9 -1.7. Includes stations like GERES, GERES Array B, 86.48 319, P, P, 17 02 13.2 +0.5. Includes stations like HFS, Hagfors, 87.29 330, P, P, 17 02 16.4 +0.2. Includes stations like PDAR, Pinadarr Array, 130.36 27, PKP, PKP, 17 08 41.4 +0.8. Includes stations like TXAR, Lajitas Array, 143.80 34, PKP, PKP, 17 09 09.1 +3.5. Includes stations like CPUP, Ulla Florida, 145.12 220, PKP, PKP, 17 09 08.1 +0.3. Includes stations like CPUP, Ulla Florida, 145.12 220, PKP, PKP, 17 09 08.1 +0.3. Includes stations like IDC, 17 17:07:27, 6.1, 4.59:85Sx152:02W, h0km, mb4.2/4, mb1.4/4.4, mb1mx4.0/1.4, mbtmpp4.2/4, Error ellipse:

s-maj=48.6km s-min=31.2km az=34.0
NEIC 17 17:07:27.8,1.1,59.65S,151.52W,h10km,mb4.5/5,Error
ellipse: s-maj=33.9km s-min=20.4km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBA Scott Base, VANDA Vanda, QSPA South Pole Qui, SNAA Sanae, VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ILAR Eielson Array, MK31 Makanchi Array, etc.

JMA 17 17:27:38.2,0.2,43.58N,147.97E,h0km,M4.0,Kuril
Islands
Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHL Shillong, LSA Lhasa, IMP Imphal, GTEK Gangtok, TAPN Taplejung, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKN Kakani, DMN Daman, DMN Daman, GKN Gorkha, BOK Bokoro, DANN Dangsing, KOLN Koldanda, KMI Kunming, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, KBK Karagaybulak, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like Kiev, Malin Array, TESR, PLOST, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CAF Calviac, LDF La Druitiere, MTLF Montolio, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like H02S1 DAWSON INLET, BBP Bella Bella, etc.

17d 19h

Table with columns for property name, address, phone, and status. Includes properties like MOCB Moresby Island, DIB Dawson Inlet, H02S1 DAWSON INLET T, etc.

2009 NOV

Table with columns for property name, address, phone, and status. Includes properties like IMW Indian Meadow, WAKR Walker, F19A Roth Farm, etc.

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Table with columns for property name, address, phone, and status. Includes properties like ISA Isabella, ISA Isabella, TMUT Trail Mountain, etc.



NEIC 17:47:06.7,33.08S:70:57W,h101km,mb3.3/1,After GUC, NEIC Felt [I] at Colina, Los Andes, Quillota, Quilpe, Quintero, San Felipe and Valparaiso.

Code 17:47:06.7,33.08S:70:57W,h101km,mb3.3/1,ML4.1,9C-6D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like PEL Peldehue, ROCH El Roble, SAN Santiago, etc.

IDC 17:49:35.3:11.0,4'69Sx145.68E,h0km,mb3.4/2,mb1 3.6/4,mb1mx3.5/27,mbtm3.5/4,ML2.9/2,Error ellipse: s-maj=163.9km s-min=63.7km az=16.0,Near north coast of New Guinea

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

PGC 17:19:52:41.2:14.0,51'88N:131:84W,h20km,ML3.6/5,4D,152km south of Sandspit, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BNB Barry Inlet, MOBC Moresby Island, NDB Naden, etc.

IDC 17:20:14:59.3:3.8,51'81N:132:00W,h0km,mb3.3/1,mb1 3.9/4,mb1mx3.5/27,mbtm3.4/4,ML3.0/2,MS3.0/2,Ms1 3.0/2,ms1mx2.5/26,Error ellipse: s-maj=96.1km s-min=13.6km az=68.0

ISCJB 17:20:15:00.9:1.0,51'93N:0:07:131:8W:0:1,h23km,mb3.3/1,Error ellipse: s-maj=14.4km s-min=6.2km az=145.2

PGC 17:20:15:00.1:60.0,51'88N:131:93W,h20km,ML3.6/5,152km south of Sandspit, Bc Queen Charlotte Islands Region

ISC 17:20:15:02.4:1.2,51'93N:0:09:131:8W:0:1,h23km,n19,az=152/14,5D,Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BNB Barry Inlet, MOBC Moresby Island, DIB Dawson Inlet, etc.

TEH 17:20:27:45.4,38'75N:48:74E,h7km,ML3.8 AZER 17:20:27:45.9:0.2,38'84N:48:79E,h36km,Error ellipse:

s-maj=1.0km s-min=0.6km az=282.0 IDC 17:20:27:45.5:1.8,39'21N:48:86E,h0km,mb3.9/4,mb1 2.5/9,mb1mx3.5/31,mbtm3.8/9,ML3.6/4,MS2.5/1,Ms1 2.5/1,ms1mx1.9/44,Error ellipse: s-maj=29.2km s-min=11.7km az=174.0

ISCJB 17:20:27:46.2:0.3,38'80N:0:02:48:83E:0:03,h46km,5km,mb3.7/4,Error ellipse: s-maj=4.6km s-min=3.4km az=147.2

CSEM 17:20:27:47.0:0.1,38'80N:48:76E,h34km,2km,ML3.1,Error ellipse: s-maj=3.5km s-min=2.6km az=51.0

NMC 17:20:27:51.6:3.8,39'36N:49:30E,h0km,mb3.8,Error ellipse: s-maj=70.2km s-min=21.9km az=98.2

ISC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like LKRN Lenkeran, Azer, GLBA Cilabad, etc.

IDC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like IHRH Heris, KDMR Kurdemir, IBST Bostanabad, etc.

IDC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

IDC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

IDC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like IAZR Azarshahr, QUBA Quba, Azerbaj, NAX Nakhchivan, etc.

IDC 17:20:27:46.3:1.5,38'82N:0:03:48:79E:0:04,h40km,3km,n80,c185/98,mb3.8/4,14C-15D,Iran-Armenia-Azerbaijan border region

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

IDC 17:20:40:17.1:1.2,27'84N:93:30E,h0km,mb3.4/8,mb1 3.5/9,mb1mx3.4/31,mbtm3.4/9,ML3.2/2,Error ellipse: s-maj=58.5km s-min=17.3km az=61.0

DMN 17:20:40:18.6:0.5,28'69N:92:58E,h10km,mb5.0/10,Error ellipse: s-maj=23.0km s-min=9.9km az=170.0

ISCJB 17:20:40:20.4:0.7,27'96N:0:02:92:90E:0:05,h33km,mb3.4/6,Error ellipse: s-maj=8.5km s-min=6.2km az=160.8

ISC 17:20:40:21.1:0.9,27'95N:0:08:92:90E:0:07,h35km,n22,az=150/29,mb3.5/6,Eastern Xing-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like SHL Shillong, TAPN Tapejung, ODAN Odare, etc.

WEL 17:20:46:49.3:0.3,39'45S:174:76E,h153km,2km,ML3.5/10,13C-3D,Error ellipse: s-maj=1.6km s-min=1.3km az=90.0,North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like VRZ Vera Road, VRZ Vera Road, WAZ Wanganui, etc.

IDC 17:20:46:49.3:0.3,39'45S:174:76E,h153km,2km,ML3.5/10,13C-3D,Error ellipse: s-maj=1.6km s-min=1.3km az=90.0,North Island



Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MSWZ, NSWZ, Nelson, Traveller, TRWZ, TUWZ, Paliser, Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, STKA, SONM, MKAR, KURBB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AUL, AUGUSTINE, AUP, AUH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AUL, AUGUSTINE, AUP, AUH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AUL, AUGUSTINE, AUP, AUH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DLBC, Deane Lake, INK, Inuvik, YKA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like DLBC, Deane Lake, INK, Inuvik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H02S1, BELLA BELLA, BBB, DLBC, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ISCJB, Error ellipse, CSEM, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ISCJB, Error ellipse, NNC, etc.

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



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like BSO3, JIE, JEG, etc.

DDA 17:23:49:56.8, 38°20'N-26°85'E, h7km, MD3.2
CSEM 17:23:49:56.8, 0.2, 38°17'N-26°80'E, h2km, MD3.1, Error ellipse: s-maj=4.4km s-min=3.6km az=74.0

ISCJB 17:23:49:56.7, 0.4, 38°18'N-26°80'E, 0.02, h9km, 3km, Error ellipse: s-maj=3.5km s-min=2.9km az=164.2

ATH 17:23:49:56.2, 38°13'N-26°81'E, h38km, 7km, MD3.5/6
The 17:23:49:57.1, 38°15'N-26°80'E, h14km, 2km, ML2.4/4, Error ellipse: s-maj=2.8km s-min=1.1km az=246.0

ISK 17:23:49:57.6, 38°19'N-26°95'E, h5km, MD3.1
ISC 17:23:49:56.6, 0.9, 38°18'N-26°80'E, 0.02, h12km, 7km, n63, c081/99, Aegean Sea

Main table of station data for the Aegean Sea region, including stations like UZL, BLCB, IZM, SMG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for Ethiopia and other locations.

ICD 18:00:04:27.5, 0.9, 13°76'N-144°98'E, h0km, mb3.7/8, mb1 4.0/8, mb1mx3.8/25, mbtmp3.7/8, Error ellipse: s-maj=33.7km s-min=19.9km az=89.0, Mariana Islands

Table of station data for the Mariana Islands region, including stations like H1S3, H1S1, H1S2, etc.

PGC 18:00:13:13.2, 12.0, 51°95'N-131°31'W, h20km, ML2.4/4, 4D, 148km Sse of Sandpit, Bc Queen Charlotte Islands

Table of station data for the Queen Charlotte Islands region, including stations like BNB, MOCB, etc.

PGC 18:00:14:03.9, 0.1, 52°02'N-131°34'W, h20km, ML2.5/4, 3D, 140km Sse of Sandpit, Bc Queen Charlotte Islands

Table of station data for the Queen Charlotte Islands region, including stations like BNB, MOCB, etc.

ICD 18:00:27:12.3, 8.5, 5°19'S-152°29'E, h12km, 58km, mb3.5/3, mb1 3.6/4, mb1mx3.3/20, mbtmp3.5/4, MS3.7/1, Ms1 3.7/1, s-min=54.9km az=128.0, New Britain region

Table of station data for the New Britain region, including stations like PMG, WRA, ASAR, etc.

ICD 18:00:38:19.6, 1.7, 23°37'S-70°69'W, h0km, mb4.2/4, mb1 4.2/5, mb1mx3.9/17, mbtmp4.1/5, ML3.6/1, MS3.1/5, Ms1 3.1/5, ms1mx2.8/24, Error ellipse: s-maj=54.3km s-min=37.7km az=38.0

ISCJB 18:00:38:24.2, 0.9, 23°16'S-70°07'W, h0km, 7km, mb4.1/5, MS2.5/2, Error ellipse: s-maj=11.2km s-min=4.6km az=10.3

GUC 18:00:38:25.6, 0.9, 23°10'S-70°52'W, h24km, 5km, ML4.4, NEIC 18:00:38:25.6, 23°10'S-70°52'W, h24km, ML4.4(GUC), After GUC

ISC 18:00:38:24.5, 1.1, 23°10'S-70°03'W, h26km, 8km, n57, c090/54, mb4.2/5, 7C-2D, Near coast of northern Chile

Table of station data for Chile, including stations like PB10, PB01, etc.

Table of station data for the Los Morros region, including stations like CEN1, ANCH, etc.

ICD 18:00:45:07.0, 28.0, 21°45'S-175°17'W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.9/21, mbtmp4.3/7.4, Error ellipse: s-maj=514.2km s-min=144.3km az=37.0, Tonga Islands

Main table of station data for the Tonga Islands region, including stations like CTA, STKA, ASAR, etc.

ICD 18:00:48:58.0, 2.7, 27°82'N-90°38'E, h0km, mb4.1/20, mb1 4.2/22, mb1mx1.1/35, mbtmp4.1/22, ML4.2/2, MS3.2/4, Ms1 3.2/4, ms1mx2.8/39, Error ellipse: s-maj=21.3km s-min=13.3km az=51.0

ISCJB 18:00:48:59.7, 0.3, 27°81'N-90°03'W, h0km, 10km, mb4.5/41, MS3.1/3, Error ellipse: s-maj=4.3km s-min=3.0km az=152.9

Bull 18:00:48:59.8, 27°78'N-90°23'E, h8km, mb4.8/19, mb4.6/26, ML4.4/2, Ms4.3/8, Ms7 4.7/3

DMN 18:00:49:00.2, 0.7, 27°83'N-90°79'E, h10km, ML4.9/5, Error ellipse: s-maj=26.5km s-min=14.1km az=180.0

NEIC 18:00:49:04.0, 0.5, 27°68'N-90°45'E, h44km, 6km, mb4.5/21, Error ellipse: s-maj=6.6km s-min=5.1km az=201.0

ISC 18:00:49:01.2, 0.6, 27°72'N-90°03'W, h12km, 3km, n126, c161/151, mb4.5/41, MS3.1/4, 1D, Bhutan

Table of station data for Bhutan, including stations like GTK, SLGI, etc.

Table of astronomical observations for 18d Oh, listing station codes (e.g., ODAN, DMN), station names (e.g., Odare, Daman), and various data points including coordinates and signal-to-noise ratios.

Table of astronomical observations for 2009 NOV, listing station codes (e.g., PALK, SONM), station names (e.g., Pallekele, Songino Array), and various data points including coordinates and signal-to-noise ratios.

Table of astronomical observations for 2009 NOV, listing station codes (e.g., NASN, IMON), station names (e.g., Na'in, Monand), and various data points including coordinates and signal-to-noise ratios.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, EIL, KIV, and various international stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MLR, TESR, HORT, and various international stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MKAR, TIP, CUC, and various international stations.

18d 1h

Table of station data for 18d 1h, including station names, coordinates, and various parameters like elevation and frequency.

2009 NOV

Main table of station data for 2009 NOV, listing station names, coordinates, and operational details.

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Table of station data for 684, including station names, coordinates, and various parameters.







Table with columns for call sign, location, frequency, and other details. Includes stations like ANTO, RKT, BRTR, etc.

Table with columns for call sign, location, frequency, and other details. Includes stations like KSH, OBN, AAK, etc.

Table with columns for call sign, location, frequency, and other details. Includes stations like Y26A, Z25A, 124A, etc.

18d 2h

Table with columns: MDJ, comp-Z, Station Name, Az, Phase ID, Time, Res. Rows include MDJ Mudanjang, BMO Blue Mountains, MOD Modoc, BSMT Bassoon Peak, USRK USSuriyok Arra, NEW Newport, YKA Yellowknife Ar, YKW3 Yellowknife Ar, ERM Erimo, TIXI Tiksi, ASAJ Asahikawa, YSS Yuzh-Sakhalins, ILAR Eielson Array, COLA College, MCK McKinley, TRF Thorofare Moun, KDKA Kodiak Island.

IDC 18 01:49:00.4 0.7, 101.39N; 126.37E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.8/2.5, mbtmp3.8/8, Error ellipse: s-maj=59.1km s-min=16.1km az=74.0
ISC/JB 18 01:49:06.0 1.0, 101.37N; 126.29E, h0km, h55km, 9km, mb4.0/14, Error ellipse: s-maj=12.6km s-min=6.7km az=166.8
NEIC 18 01:49:05.8 0.5, 101.35N; 126.25E, h35km, mb4.4/6, Error ellipse: s-maj=16.9km s-min=10.3km az=77.0
MAN 18 01:49:06.0 1.0, 101.37N; 126.29E, h50km, mb4.8/ML3.7, MS3.8
ISC 18 01:49:07.4 1.8, 103.31N; 105.126E, 0.1, h48km, 16km, n48, n137/56, mb4.2/14, 3C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SCPH Surigao, MSLP Maasin, BUTP Butuan, PLP Palo, BESP Borongan, OCLP Oropom, LLP Lapa-Lapu, CGP Cagayan de Oro, TBP Tagbilaran, BHP Musuan, DCPH Dipolog City, RCP Roxas, PACZ Pagadian, KKM Kota Kinabalu, KAPI Kappang, KULM Kulim, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND Hy, H1H1 WAKE ISLAND Hy, H1H2 WAKE ISLAND Hy, H1H3 WAKE ISLAND Hy, UNLN Ulanbatar, SOMM Songoing Array, MK31 Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, TKM2 Tokmak 2, KURK Kurchatov, BRVK Borovoye, ABKAR Akbulak array, MCK McKinley, ILAR Eielson Array, FINES FINESS Array B, FINES FINESS Array B, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

NEIC 18 02:11:56.0, 32.63S; 71.65W, h5km, ML3.4(GUC), After GUC.
NEIC Felt at Bandung and Yogyakarta.
GCMC 18 02:17:10.3 0.2, 9.70S; 107.46E, h12km, MW5.2, Moment Tensor Solution. s64,c90; s97,c156; Moment tensor: Scale 1.0E16Nm; Mr-6.62e-14; Mw5.02e-12; Mw1.60e-15; Mw6.26e-38; Mw3.43e-12; Mw3.03e-46; Best double couple: Mw9.30000e-10; NP1.3e+103.00000e-867.00000e-7, 1.06.00000e- NP2.3e+19.00000e-828.00000e-7, 57.00000e- Principal axes: T: 9.1800, Plg20.0000e-7, Azm205.0000e-7; N: 0.2900, Plg15.0000e-7; S: 9.4600, Plg65.0000e-7; Azm14.0000e-7; Data Used: II IU/C G U C U C.

2009 NOV

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IHA Instituto Hidr, ROCH EI Roble, JACH Jahuel, PEL Peidehue, ANTU Antumapu, LNV Longovilo, PCH Pirque, CHCH Chadas Angostu, CMCH Combarbala, CACH EI Canelo, ISCJB 18 02:14:05.5 1.0, 52.01N; 131.81W, h23km, n16, ISC 18 02:14:05.3 4.5, 52.00N; 131.55W, h20km, ML3.3/5, IDC 18 02:14:07.4 1.9, 52.11N; 130.98W, h0km, mb3.6/2, ANMO Albuquerque, TXAR Lajitas Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, IDC 18 02:17:04.6 0.3, 9.26S; 107.54E, h0km, mb5.2/31, ISC/JB 18 02:17:05.1 0.7, 9.39S; 107.44E, 0.02, h15km, 4km, s-min=2.9km az=9.6, AUSTRALIA 18 02:17:07.0 1.0, 3.94S; 107.43E, 0.03, h34km, h34km, 196C-198D, South of Jawa, Code Station Name, Az, Phase ID, Time, Res. Rows include CISI Cisomet, XMI Christmas Isla, XMIS Christmas Isla, XMIJ Cilicap, KPIJ Karang Pucung, LEM Lembang, LEM Lembang, TCJ Tegai, BJJ Banjaregara, YOGI Yogyakarta, TNG Tangerang, UGM Wanagama, SMRI Semarang.

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Table with columns: SMRI Semarang, PCJ Pacitan, NGJI Ngawi, BLSI Bandar Lampung, PJI Pagerwojo, KASI Karangates, KRI Karangates, KLI Karangates, LKLI Liwa, GRJI Gresik, PMSI Gunung Dua, GMI Gumukmas, BLJI Banyuglugur, MNAI Manna, MNAI Manna, MNAI Manna, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, LHSI Lahat, KMMI Kalianget, ABJI Asem Bagus, PMBI Palembang, PMBI Palembang, BYJI Banyuwangi, PRBI Pangkajene, SBBI Singaraja, MTNI Maura Aman, Be, STKI Sintang, COCO West Island, COCO West Island, COCO West Island, KSM Kuching, KSM Kuching, KSM Kuching, MTKI Muara Tewel, BTDF Bukit Timah Da, BTDF Padang Panjang, PPI Padang Panjang, MYKM Kota Tinggi, MYKM Kota Tinggi, MYKM Kota Tinggi, KGM Kuala, SBU Sibu, SBU Sibu, SBU Sibu, MJSI Majene, KAPI Kappang, KAPI Kappang, KAPI Kappang, MMSI Mamuju, BKSI Bulukumba, BNSI Bone, BTM Bintulu, FRIM Kepong, TTSI Tana Toraja, GSI Gunungsitoli, GSI Gunungsitoli, MMRI Maumere, PSI Prapat, PSI Prapat, IPM Ipo, IPM Ipo, IPM Ipo, KTMG Kuala Trengganu, KCSI Kotacane, Aceh, KULM Kulim, KULM Kulim, SNSI Sinabang, Aceh, TPTI Tapah, APSI Ampang, MBWA Marlab Bar, MBWA Marlab Bar, TOLI Toli, TSM Tawau, LUM Luwuk, LUM Luwuk, LRSI Larisa, KKM Kota Kinabalu, KKM Kota Kinabalu, SDKM Sandakan, LHMI Lhok Sumawe, LHMI Lorontalo, KDM Kudat, KMSI Cibinong, PKTZ Phukei, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, SURT Suratani, MEEK Meekatharra, NLAI Namlea, MORW Morawa, KNRA Kununurra, TNTI Ternate, TNTI Ternate, BNDI Bandanaria, PHET Kaeng Krachan, CTBH Cotabato-KPCH, MTN Mantom Dam, DAV Davao City (W), KDU Kakadu, SRDT Sorot, SWSI Sorong, TLE Tual, TLE Tual, FAKI Fak Fak, KHLT Khaolaem Dam.



18d 2h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KBL Kabul, CASY Casey, SONM Songino Array, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KKAR Karatay Array, KURK Kurchatov, MAW Mawson, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SYO Syowa Base, VYVA Vanda, VVVA Vanda, etc.







Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Tololo Astrono, Las Campanas, Las Campanas, Chillan.

ISCJB 18 02:48:22.6;0.6, 71.160N;0.06;2.7W;0.2, h10km, mb3.8/13, Error ellipse: s-maj=9.8km s-min=8.7km az=153.8, IDC 18 02:48:23.1;1.0, 71.27N;2.02W, h0km, mb3.8/9, mb1 3.9/13, mb1mx3.7/33, mbtmp3.8/13, ML3.4/5, Error ellipse: s-maj=27.1km s-min=16.2km az=44.0, CSEM 18 02:48:27.2;2.2, 71.54N;1.97W, h10km, ML2.6, Error ellipse: s-maj=75.4km s-min=25.7km az=77.0, NAO 18 02:48:27.0;6.6, 71.44N;1.72W, ML3.7, BER 18 02:48:29.6;2.4, 71.70N;2.62W, h15km, MD2.7, ML2.6, ML3.7(NAO)

Main table for 18d 3h section with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations like Scoresbysund, Steigen, Steigen, Steigen, Steigen, etc.

ISCJB 18 02:53:36.8;0.7, 71.59N;0.06;2.4W;0.2, h10km, mb3.9/14, MS4.3/2, Error ellipse: s-maj=9.2km s-min=8.6km az=161.2, IDC 18 02:53:37.4;0.9, 71.52N;2.98W, h0km, mb3.7/9, mb1 3.9/14, mb1mx3.7/33, mbtmp3.8/14, ML3.2/5, MS4.1/3, Ms1 4.1/3, ms1mx3.2/57, Error ellipse: s-maj=23.5km

s-min=16.2km az=54.0, BER 18 02:53:40.1;3.0, 71.65N;3.04W, h10km, MD2.8, ML2.4, ML2.9(NAO), NAO 18 02:53:40.4;4.7, 71.50N;1.91W, ML2.9, CSEM 18 02:53:42.2;0.6, 71.60N;1.60W, h10km, ML2.4, Error ellipse: s-maj=14.9km s-min=8.9km az=76.0, ISC 18 02:53:39.2;0.8, 71.48N;0.07;2.41E;0.06, h10km, n45, e198/52, mb4.1/14, Jan Mayen Island region

Main table for 2009 NOV section with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations like Steigen, Tromso, Tromso, Tromso, Tromso, etc.

PGC 18 03:16:34.6;0.1, 51.81N;131.68W, h20km, ML4.4/6, Mw4.6, 160km south of Sandspit, Bc Queen Charlotte Islands Region, BUJ 18 03:16:37.6;52.1, 10N;131.110W, h10km, mb4.9/1, mb4.8/4, Ms4.7/1, Ms7.4/4, IDC 18 03:16:37.0;1.1, 52.16N;131.34W, h0km, mb3.5/4, mb1 3.8/10, mb1mx3.6/31, mbtmp3.5/10, ML3.5/6, MS4.0/9, Ms1 4.0/9, ms1mx3.7/39, Error ellipse: s-maj=19.0km s-min=10.2km az=44.0, NEIC 18 03:16:39.7;0.6, 52.26N;131.30W, h10km, mb4.1/33, Mw4.6(OTT), Error ellipse: s-maj=15.8km s-min=5.3km az=51.0, ISC 18 03:16:41.0;0.6, 52.29N;0.07;131.06W;0.06, h16km, m3, Charlot, n125, e196/119, mb4.3/13, MS4.1/3, 6D, Queen Charlotte Islands region

Main table for 2009 NOV section (continued) with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations like Barry Inlet, Barry Inlet, Barry Inlet, Barry Inlet, Barry Inlet, etc.

Main table for 2009 NOV section (continued) with columns: Code, Station Name, Az, Phase, ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations like Sitka, Sitka, Sitka, Dease Lake, Dease Lake, Dease Lake, Dease Lake, Dease Lake, etc.



Table with columns: LRAL, Lakeview Retre, 36.97 104 eP, P, 03 23 55.0 +5.5, etc. Includes various station names and coordinates.

Table with columns: NEST, Nestorio, 1.27 139 ePb, Pn, 03 17 28.9 +3.3, etc. Includes various station names and coordinates.

Table with columns: SOH, Vitosh, 2.71 62 eP, Pn, 03 18 02.4 -2.1, etc. Includes various station names and coordinates.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SKIA, LAKA, SOKA, VOJKO, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other technical details. Includes stations like GULT, STHS, DALY, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other technical details. Includes stations like LJBD, LJPB, LPLG, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other technical details. Includes stations like ESDC, GNI, HFS, etc.

Table of astronomical data for the 18d 3h period, including columns for object name, coordinates, magnitude, and other parameters.

Main table of astronomical data for 2009 NOV, listing objects like LOR Lormes, IGRS Grimsstaor, and various other sources with their respective coordinates and magnitudes.

Detailed astronomical data including coordinates, magnitudes, and source names for various objects.

Table of astronomical data for the 698 period, including object names, coordinates, and magnitudes.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ, MJAR, KSRS, USRS, CMAR, PETK, SONM, SONM, MKAR, MKAR, ZALV, ILAR, BVAR, INK, AKTO, YBH, TORD.

WEL 18 03:58:48.0-0.4, 37.74Sx176.72E, h139km, 3km, ML3.5/5, 1C-2D, Error ellipse: s-maj=4.4km s-min=4.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, URZ, MWZ, MWZ, RAHZ, RAHZ, PUZ, PUZ, RIGZ, RIGZ, NMHZ, NMHZ, CNZG, CNZG, WHZH, WHZH, BKZ, BKZ, BKZ, BKZ, MCHZ, MCHZ, WNVZ, WNVZ, BHZH, BHZH, MWOZ, MWOZ, CKZH, CKZH, KAHZ, KAHZ, PNHZ, PNHZ, PXZ, PXZ, PHZ, PHZ, TSZ, TSZ, PRHZ, PRHZ, DVHZ, DVHZ, POWZ, POWZ, BFZ, BFZ, MRZ, MRZ, HOWZ, HOWZ, COWZ, COWZ, KIWI, KIWI, CAW, CAW, DUWZ, DUWZ, PAWZ, PAWZ, MSWZ, MSWZ, TCW, TCW, PLWZ, PLWZ, NNZ, NNZ, THZ, THZ, KHZ, KHZ, LAKZ, LAKZ, OXZ, OXZ, MGZ, MGZ.

IDC 18 04:05:09.9-2.5, 71.42N-2.80W, h0km, mb3.5/2, mb1 3.6/7, mb1mx3.4/31, mbtmp3.6/7, ML3.0/5, MS2.8/1, Ms1 2.8/1, ms1mx2.3/45, Error ellipse: s-maj=39.6km s-min=27.2km az=110.0

BER 18 04:05:12.2-1.2, 71.59N-3.22W, h10km, MD2.6, ML2.6, ISCJB 18 04:05:14.7-1.3, 71.46N-0.09-1.1, W4.0/3, h10km, mb3.3/3, Error ellipse: s-maj=14.3km s-min=11.2km az=145.6

ISC 18 04:05:14.8-2.0, 71.5N-0.1-1.6W-0.2, h10km, n13, o17/175, mb3.3/3, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STEI, TRO, TRO, KONS, KONS, STOK, STOK, FLOS, FLOS, SPITS, SPITS, ARCES, ARCES, NOA, NOA, HFS, HFS, FINES, FINES, GERES, GERES, AKASG, AKASG, TORD, TORD.

IDC 18 04:11:38.1-1.7, 15.77Sx172.79W, h0km, mb3.4/4, mb1 3.9/5, mb1mx3.7/22, mbtmp3.5/5, MS3.5/3, Ms1 3.5/3, ms1mx3.1/18, Error ellipse: s-maj=89.4km s-min=23.1km az=145.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, AFI, AFI, WRA, WRA, ASAR, ASAR, BRTR, BRTR, GERES, GERES.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YBH, TXAR, PDAR, BRTR.

IDC 18 04:27:51.6-1.7, 5.61S, 147.50E, h156km, 18km, mb4.1/4, mb1 4.3/6, mb1mx3.8/17, mbtmp4.6/6, Error ellipse: s-maj=36.1km s-min=10.9km az=112.0

NEIC 18 04:27:52.4-1.4, 5.48S, 147.47E, h163km, 14km, mb4.5/4, Error ellipse: s-maj=19.7km s-min=12.0km az=113.0

AUST 18 04:28:1.8-2.2, 5.25S, 146.18E, h300km, ISC 18 04:27:52.8-0.8, 5.65S-0.07-1.47E-0.1, h170km, n36, o1523/42, mb4.0/7, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, PMG, COEN, COEN, CTA, CTA, CTAO, CTAO, KDU, KDU, MTN, MTN, WRAB, WRAB, WRA, WRA, WRA, WRA, EIDS, EIDS, RMQ, RMQ, KNRA, KNRA, QLP, QLP, AS31, AS31, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, FITZ, FITZ, ARMA, ARMA, STKA, STKA, MBWA, MBWA, MEEK, MEEK, SONM, SONM, SONM, SONM, ILAR, ILAR, TORD, TORD, TORD, TORD.

GUC 18 04:41:17.7-1.1, 28.99S-71.11W, h65km, 15km, ML3.5, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LCO, LCO, LCO, VACH, VACH, VACH, TLL, TLL, TLL, CPCH, CPCH, CPCH, CPCH, TORD, TORD.

IDC 18 04:48:04.5-2.7, 5.42S-154.12E, h0km, mb3.0/2, mb1 3.3/2, mb1mx3.2/18, mbtmp3.1/2, Error ellipse: s-maj=147.9km s-min=49.1km az=129.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, WRA, ASAR, ASAR, TORD, TORD, FITZ, FITZ, ILAR, ILAR, AKASG, AKASG, BRTR, BRTR, GERES, GERES.

IDC 18 04:58:48.6-1.9, 21.11S-176.34W, h395km, 45km, mb3.4/5, mb1 3.7/6, mb1mx3.3/21, mbtmp3.5/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, AFI, CTA, CTA, ASAR, ASAR, WRA, WRA, FITZ, FITZ, ILAR, ILAR, AKASG, AKASG, BRTR, BRTR, GERES, GERES.

NEIC 18 05:09:28.6-1.3, 6.39S, 129.57E, h120km, 12km, mb4.7/9, Error ellipse: s-maj=13.3km s-min=5.9km az=49.0

IDC 18 05:09:30.5-4.0, 6.42S, 129.48E, h134km, mb4.0/12, mb1 4.3/15, mb1mx4.1/24, mbtmp4.1/15, MS3.1/2, Ms1 3.1/2, ms1mx2.6/25, Error ellipse: s-maj=30.5km s-min=12.5km az=63.0

ISCJB 18 05:09:32.1-0.2, 6.57S-0.03-1.29-37E-0.04, h165km, mb4.3/20, Error ellipse: s-maj=5.6km s-min=4.2km az=174.9

AUST 18 05:09:33.4-0.0, 6.64S, 129.45E, h158km, Error ellipse: s-maj=10.3km s-min=0.7km az=264.0

BJJ 18 05:09:34.7, 6.60S-1.29-62E, h187km, mb4.4/4, DJA 18 05:09:37.6, 6.0-7.3-4.13-13 OE, h173km, 8km, M5.0/11, mb85.5/8, mb0.5/11, MLV5.0/9, MWP(mB)5.0/8

ISC 18 05:09:33.1-0.4, 6.70S-0.04-129.54E-0.06, h165km, n98, o1878/100, mb4.4/20, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI, BNDI, TLE, TLE, TLE, TLE, NLAJ, NLAJ, FAKI, FAKI, FAKI, FAKI, KWI, KWI, KWI, KWI, SWI, SWI, MTN, MTN, KDU, KDU, MWPI, MWPI, MWPI, MWPI, TNTI, TNTI, BAKI, BAKI, KNRA, KNRA, APSI, APSI, KAPI, KAPI, SPSI, SPSI, MRSI, MRSI, MMSI, MMSI, FITZ, FITZ, FITZ, FITZ, FITZ, FITZ, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA, COEN, COEN, COEN, COEN, BLJI, BLJI, MBWA, MBWA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, KSM, KSM, KSM, KSM, CTAO, CTAO, MEEK, MEEK, FBOT, FBOT, BFOO, BFOO, STKA, STKA, STKA, STKA, PSI, PSI, PSI, PSI, CMI, CMI, CMAR, CMAR, CMAT, CMAT, CHTO, CHTO, CHTO, CHTO, CMAI, CMAI, USRAN, USRAN, ODAR, ODAR, TAPN, TAPN, RAMM, RAMM, GTA, GTA, JIRN, JIRN, GUN, GUN, PKI, PKI, KKN, KKN, DMN, DMN, KGN, KGN, KOLD, KOLD, DANN, DANN, SONM, SONM, MK31, MK31, MKAR, MKAR, MKAR, MKAR, ZALO, ZALO, ZALV, ZALV, ZALV, ZALV, ZALV, ZALV, KURB, KURB, KURK, KURK.

ISC 18 05:09:33.1-0.4, 6.70S-0.04-129.54E-0.06, h165km, n98, o1878/100, mb4.4/20, Banda Sea

comp=Z, 55nm, 21.5s, baz=141, slow=1, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 9.0nm, 0.9s, baz=335, slow=17, SNR=8.7

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

comp=Z, 85nm, 18.9s, baz=240, slow=9, LR

18d 5h

Table with columns: Station Name, Frequency, Power, Phase, and other technical details for stations like WVDA, BVAR, BRVK, etc.

MEX 18 05:14:19.9-0.4, 18.04N x 101.76W, h10km, 31km, MD3.6, Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for stations like ZIIG, ARIG, CAIG, etc.

ISCJ 18 05:17:17.6, 36.19N-26.33E, h17km, MD3.8

ISCJ 18 05:17:19.7, 0.2, 36.28N-0.02, 26.59E, 0.02, h132km, 3km, mb3.0/2, Error ellipse: s-maj=3.2km s-min=2.6km az=172.1

HLW 18 05:17:19.5, 36.42N-26.67E, h33km, 27km, MD3.8, ML3.8

ATH 18 05:17:20.5, 36.40N-26.53E, h12km, 1km, MD3.1

DDA 18 05:17:21.3, 36.39N-26.46E, h37km, MD3.4

IDC 18 05:17:21.2, 1.0, 36.19N-26.62E, h114km, 13km, mb2.9/2, mb1 3.2/8, mb1mx3.0/3.1, mbtmp3.5/8, Error ellipse: s-maj=20.7km s-min=9.0km az=168.0

NIC 18 05:17:22.8, 0.2, 36.62N-26.90E, h60km, ML3.1, MW3.7

THE 18 05:17:23.7, 36.37N-26.51E, h109km, 5km, Error ellipse: s-maj=5.9km s-min=1.1km az=152.0

ISC 18 05:17:20.2-0.7, 36.28N-0.03, 26.60E, 0.03, h129km, 6km, n202, 0.19/22/250, Dodecanese Islands

Large table listing stations in the Dodecanese Islands with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details.

2009 NOV

Large table listing stations in the 2009 NOV region with columns: Station Name, Frequency, Power, Phase, and other technical details.

700

Table listing stations in the 700 region with columns: Station Name, Frequency, Power, Phase, and other technical details.

MEX 18 05:30:50.5-0.7, 15.50N-94.35W, h16km, 9km, MD3.8, Near coast of Oaxaca

Table listing stations near the coast of Oaxaca with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details.

FUNV 18 05:43:40.2, 7.70N-72.63W, h16km, MW4.0, Northern Colombia

Table listing stations in Northern Colombia with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details.

ISCJ 18 05:51:39.7, 1.8, 71.6N-0.1, 2.2W, 0.6, h10km, mb3.6/3, Error ellipse: s-maj=29.2km s-min=14.8km az=3.8

IDC 18 05:51:40.9, 2.4, 71.46N-2.33W, h0km, mb3.6/3, mb1 3.6/8, mb1mx3.4/32, mbtmp3.6/8, ML3.2/5, MS2.5/1, Mst 2.6/1, ms1mx2.1/3.1, Error ellipse: s-maj=29.5km s-min=26.5km az=108.0

ISC 18 05:51:42.1-0.2, 71.6N-0.1, 2.3W, 0.2, h10km, n8, 0.09/99/8, mb3.6/3, Jan Mayen Island region

Table listing stations in the Jan Mayen Island region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details.

NEIC 18 05:52:42.1, 16.64N-100.42W, h5km, MD4.0, (MEX), After MEX

MEX 18 05:52:41.7, 0.6, 16.63N-100.46W, h5km, MD4.0, Near coast of Guerrero

Table listing stations near the coast of Guerrero with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details.



Table with columns: Code, Station Name, AZ, Phase, ID, Time, Res, ISC. Rows include BNB Barry Inlet, MOCB Moresby Island, DIB Dawson Inlet, NDB Naden, etc.

Table with columns: I19A, Meeteetse, D22A, Cohan, TPH, B23A, C23A, BWO6, PDAR, COLD, DUG, DUG, I20A, IM04, F22A, A24A, R11A, DGMT, DGMT, JLU, J20A, C24A, GRAC, I21A, D24A, F23A, H22A, PTRM, J21A, E24A, G23A, TPNV, TPNV, C25A, F24A, FURC, ISA, ISA, MPMC, G24A, G25A, ARUT, H24A, K22A, K22A, C26A, Q16A, CCUT, SHPR, N20A, SRU, GSC, RSSD, Q20A, Q20A, M22A, B28A, I25A, G26A, H26A, C28A, N22A, A29A, I26A, LDFC, GMRC, N23A, PHWY, U15A, H27A, MDND, MDND, O22A, J26A, F28A, M24A, L25A, I27A, D29A, W13A, P22A, O23A, K26A, PV01, BELC, SMCO, B30A, H28A, PFO. Rows include Meeteetse, Cohan, Topoph, Brockton, Lambert, Boulder Array, Pinedale Array, Lomsted Array, Coldfoot, Dugway, Dugway, Worldland, Indian Mountain, Rosebud, Westby, Troy Canyon, Dagmar, Dagmar, Jordanelle, Shoshoni, Savage, Grapevine Rang, Big Trails, Glendive, Volborg, Clearmont, Twissleman Ran, Lysite, Baker, Biddle, Topoph Spring, Topoph Spring, Fred Ranch, Ekalaka, Furnace Creek, Isabella, Isabella, Manual Prospec, Alzada, Miller Ranch, Antelope Range, Dirts Ranch, Casper, Casper, Water Farm, Castle Valley, Cedar City, Sheep Range, Spence Gulch, San Rafael, Goldstone, Black Hills, White River Ci, White River Ci, Cedar Creek Ran, Dugan Ranch, Rochford, Fairpoint, Hausauer Farms, Wattenberg Ran, Manning Farm, New Underwood, Landfair, Granite Mounta, Red Feather La, Pilot Hill, North Rim, Hoves, Maddox, Maddox, Kremling, Sides Ranch, McLaughlin, Cheyenne, Engebretsen Ra, Quinn, Pettibone, Tap, Hualapai Mount, Eagle, Lake Granby, G, Motz Farm, Whi, Paradox Valley, Belc Mtn. Jos, Snowmass, Myrvik Farm, Mission Ridge, Pinyon Flat Ob.

Table with columns: IRM, D30A, ISCO, ISCO, I28A, PDMC, O24A, BC3, P23A, WUAZ, WUAZ, H29A, J28A, MVCO, MONP, Q23A, I29A, BAR, ULM, G30A, S22A, Y14A, GLA, GLA, U20A, P25A, R23A, N27A, X16A, T22A, U21A, Q25A, R24A, J30A, P26A, SDCO, X18A, S24A, T23A, Q26A, U22A, R25A, W20A, T24B, V22A, S25A, U23A, W21A, X20A, V23A, 214A, S26A, X21A, Y20A, U25A, W23A, ANMO, ANMO, V24A, X22A, LAZ, TUC, Y21A, V25A, U26A, W24A, LPM, Z20A, P31A, Z21A, V26A, W25A, EYMN, 121A, 220A, 319A, RES, AMTX, V31A, U32A, 226B, V32A, X31A. Rows include Iron Mountain, Buchanan, Idaho Springs, Idaho Springs, Midland, Parker Dam, Llak, Big Chuckwall, Jefferson, Wupatki, Wupatki, Onida, Allard Ranch, Mesa Verde, Mesa Verde, Monument Peak, Hartsel, Vivian Onida, Barrett, Lac du Bonnet, Faulkton, 4UR Ranch, Wickburg, Glamis, Glamis, Newcomb, Willow Gulch B, Mofat, Anderson Farm, Lo Mit Camp, Edith, Nageezi, Bedland, Calha, Sanders Place, Dallas, Davis Ranch, Great Sand Dun, Snowflake, Houchin Ranch, Casias Ranch, Hugo, Llaves, Fountain Ranch, San Luis, San Miguel Ran, Roberts Cordova, El Rido, San Fidel, Quemado, Ortiz Mt, Organ Pipe Nat, Alamocita Cree, Horse Springs, Circle Dot Ran, Werner Place, Albuquerque, Albuquerque, Rampart Ranch, Bernardo, Lador, Point of Rocks, Rancho No Teng, Atzrey Ranch, Lazy 6 Ranch, Los Pinos Moun, Nino Sixteen R, Stockton, St. Cloud Mine, Tequesquite Ra, X Bar L Ranch, Ely, Cokes Peak, D, Playas Peak, Douglas, Resolute Bay, Amarillo, Spring Creek L, Winter Ranch, Tecolote Peak, Arapaho, McDonald Ranch.



Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like 732A Sentinel, 425A Indio Mountain, 733A Caddo, Fort Co, 733A Elmer, etc.

Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like 703A Sentinel, 703A Indio Mountain, 703A Caddo, Fort Co, etc.

Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like KK31, AAK, AAK, AAK, AAK, KBK, ULHL, CHMS, SMLA, SMLA, SMLA, etc.

IDD 18 08:43:25.8;36.0, 7.27N:125:56E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.4/24, mbtмп3.7/3, Error ellipse: s-maj=615.7km s-min=226.9km az=156.0

Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like MATI, MATI, MATI, DMPH, DMPH, KCP, KCP, etc.

Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like WRA, WRA, WRA, WRA, WRA, etc.

Table with 5 columns: Call Sign, Station Name, Frequency, Power, and Other parameters. Includes stations like WRA, WRA, WRA, WRA, WRA, etc.

mb1 3.8/9, mb1mx3.7/29, mbtмп3.6/9, ML3.5/3, MS3.5/18, M1 3.5/18, ms1mx3.3/45, Error ellipse: s-maj=15.8km s-min=8.5km az=13.0

Table with 5 columns: Code, Station Name, Frequency, Power, and Other parameters. Includes stations like BNB, BNB, BNB, Moresby Island, MOBC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11N1 WAKE ISLAND, ARCES ARCESS Array B, H11S1 WAKE ISLAND, etc.

IDC 18 10:41:23.7:0.2, 22.775x170.36E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.7/18, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=115.4km s-min=35.8km az=158.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 18 10:46:04.7:52.0, 21.97S:174.14W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/20, mbtmp3.8/3, Error ellipse: s-maj=989.1km s-min=164.9km az=86.0, Tonga Islands

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

MEX 18 10:48:00.2:0.4, 16.656N:100.48W, h5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG El Cayaco, ZIIG Zihuatanejo, MEIG Mezcala, etc.

IDC 18 10:57:59.9:16.0, 18.14S:172.65W, h0km, mb4.1/5, mb1 4.2/5, mb1mx3.8/23, mbtmp4.1/5, Error ellipse: s-maj=309.3km s-min=157.7km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 18 11:10:50.7:7.8, 9.63N:92.07E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/26, mbtmp3.2/3, Error ellipse: s-maj=395.7km s-min=28.0km az=60.0, Nicobar Islands region

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

IDC 18 11:31:56.8:1.5, 3.20S:146.44E, h0km, mb3.6/4, mb1 4.0/6, mb1mx3.7/20, mbtmp3.8/6, ML3.6/2, MS3.7/2, MS1 3.7/2, ms1mx3.1/14, Error ellipse: s-maj=55.6km s-min=24.7km az=114.0

ISCJB 18 11:32:00.3:1.4, 3.35S:0.1x146.5E:0.2, h33km, mb3.6/3, MS3.7/2, Error ellipse: s-maj=32.9km s-min=20.1km az=6.7

ISC 18 11:32:02.0:1.5, 3.35S:0.2x146.5E:0.3, h35km, n8, c0f18/6, mb3.6/3, Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, etc.

ISCJB 18 11:32:30.9:0.8, 3.45S:0.07x146.6E:0.2, h20km, mb4.0/9, MS4.1/2, Error ellipse: s-maj=22.9km s-min=10.8km az=1.8

IDC 18 11:32:36.6:5.4, 3.56S:146.57E, h56km, 57km, mb3.7/9, mb1 3.9/11, mb1mx3.8/19, mbtmp3.8/11, ML3.0/1, MS3.5/4,

M3 1.3/4, ms1mx3.3/13, Error ellipse: s-maj=43.0km s-min=26.2km az=118.0

ISC 18 11:32:33.1:0.8, 3.39S:0.08x146.6E:0.1, h20km, n21, c158/16, mb4.1/9, Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, MMPI Merauke, HNR Honiara, etc.

AUST 18 11:45:15.4:9.5, 2.46S:142.21E, h0km, 1km, Error ellipse: s-maj=2.8km s-min=1.3km az=16.0

ISCJB 18 11:45:19.7:0.9, 3.46S:0.08x146.6E:0.2, h20km, mb3.7/8, MS3.4/6, Error ellipse: s-maj=28.4km s-min=10.9km az=177.9

IDC 18 11:45:27.9:5.2, 3.75S:146.79E, h88km, 55km, mb3.5/8, mb1 3.7/10, mb1mx3.6/19, mbtmp3.5/10, ML3.5/7, MS1 3.5/7, ms1mx3.3/17, Error ellipse: s-maj=45.1km s-min=25.7km az=118.0

ISC 18 11:45:21.2:1.1, 3.42S:0.10x146.8E:0.2, h20km, n18, c180/12, mb3.8/8, MS3.4/6, Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, COEN Coen, HNR Honiara, etc.

NNC 18 11:52:14.8:14.0, 41.20N:69.11E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=115.8km s-min=77.1km az=23.0

ISC 18 11:52:18.2:6.6, 41.5N:0.2x68.8E:0.1, h10km, n8, c225/8, 2C-3D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31 Karatay Array, AML Almayush, EKSZ Erkin-Say, etc.

HLW 18 12:07:55.5:33.87N:28.49E, h33km, 23km, MD3.3, MI3.5 CSEM 18 12:07:57.0:3.0, 33.64N:28.69E, h30km, ML3.5, Error ellipse: s-maj=8.6km s-min=4.9km az=159.0

ISC 18 12:07:55.0:1.8, 33.76N:0.08x28.53E:0.06, h35km, n33, c150/51, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HBRG Burj al Arab, SLUM, CSS Prodromos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HHAG hazo=140, HHAG hazo=140, HHAF As Saff, etc.

ISCJB 18 12:22:29.1:0.8, 36.4N:0.2x33.7W:0.1, h10km, mb3.8/10, MS3.8/10, Error ellipse: s-maj=23.1km s-min=17.2km az=173.3

IDC 18 12:22:29.2:0.9, 36.38N:33.71W, h0km, mb3.7/10, mb1 4.0/10, mb1mx3.8/30, mbtmp3.7/10, MS3.8/10, MS1 3.8/10, ms1mx3.5/27, Error ellipse: s-maj=27.4km s-min=19.8km az=174.0

ISC 18 12:30:8.0, 9.364N:0.2x33.7W:0.1, h10km, n14, c0948/10, mb3.8/10, MS3.9/10, MS3.9/10, Azores Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC Sonseca Array, SCHO Schefferville, TORD, etc.

IDC 18 12:21:39.7:0.6, 8.03S:124.73E, h0km, mb4.3/12, mb1 4.4/14, mb1mx4.2/33, mbtmp4.3/14, ML4.2/2, MS3.4/7, MS1 3.5/7, ms1mx3.1/31, Error ellipse: s-maj=25.4km s-min=13.3km az=61.0

NEIC 18 12:21:40.9:0.3, 8.07S:124.82E, h10km, mb4.7/9, Error ellipse: s-maj=13.3km s-min=6.5km az=57.0

BUL 18 12:21:42.7:8.00S:124.70E, h48km, mb5.3/1, mb4.6/6, MS5.0/2, MS7.4/7

ISCJB 18 12:21:42.7:0.2, 8.01S:0.03x124.81E:0.03, h27km, mb4.4/20, MS3.6/6, Error ellipse: s-maj=5.3km s-min=3.3km az=43.5

DJA 18 12:21:46.8:0.3, 8.3S:124.5E, h57km, 7km, M4.5/18, mb4.9/6, mb4.6/18, ML4.7/14, MW(mb)4.2/6

AUST 18 12:21:47.8:8.50S:125.02E, h20km, ISC 18 12:21:44.0:0.4, 8.03S:0.04x124.79E:0.05, h27km, n98, c1534/105, mb4.5/20, MS3.2/5, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMRI Maumere, MMRI Maumere, BBSI Bau Bau, etc.

Table with columns: TLE, Tual, 23nm, 0.6s, 268nm, 0.1nm, 8.24, 74, P, Pn, 12 23 44.4 +2.6

Table with columns: TORQ, Torodi Ar. Bea, 123.92 280, PKP, PKPdf, 12 40 39.5 -1.2

Table with columns: SLB, Belfond, 1.82 168, eS, Sg, 12 50 04.7 -0.7

18d 18h

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

CASC 18 14:38:43.8,2.2,11:29N:85.94W,h151km,10km,MD3.7, 4C-1D, Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GBSZ, GBS3, etc.

IDC 18 14:59:35.2,6.3,33S:146.36E,h0km,mb3.7/3, mb1.9/1.5,mb1mx3.8/1.9,mbtmp3.8/5,ML3.1/2,MS3.1/4, Ms1.3/0.2,ms1mx2.8/2.3, Error ellipse: s-maj=81.8km s-min=26.0km az=87.0, Bismarck Sea

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

ISCJB 18 15:00:21.0,2.0,5,17:69N:0.04:95.66W,0.03,h111km,7km, mb3.6/2, Error ellipse: s-maj=6.9km s-min=4.9km az=19.5

MEX 18 15:00:21.0,1.6,17:68N:95.66W,h132km,17km,MD4.1, IDC 18 15:00:26.0,3.7,17:62N:95.20W,h140km,41km,MS3.2/2, mb1.3/6,mb1mx3.3/2.6,mbtmp3.4/6, Error ellipse: s-maj=38.4km s-min=23.0km az=73.0

ISC 18 15:00:22.1,0.8,17:66N:0.04:95.63W,0.04,h102km,gkm, n19, r169/33, Oaxaca

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

2009 NOV

Table with columns: APG, TEIG, JTS, TXAR, YKA, ILAR, WRA. Includes station names and coordinates.

NIED 18 15:23:00,43.70N:143.40E,h11km,Mw3.9, Best double couple: Mb8.58000x1014, Np1.9x159.00000, B89.00000, 1.26.00000, NP2x6.69.00000, B64.00000, 1.179.00000, ISCJB 18 15:23:55.9,1.1,43.73N:0.03:143.44E,0.03,h6km,gkm, mb3.8/6,MS3.0/1, Error ellipse: s-maj=5.5km s-min=4.7km az=25.6

JMA 18 15:23:55.9,1.1,43.73N:143.44E,h7km,1km,M4.2, JMA Felt III J1, IDC 18 15:23:55.9,1.0,43.73N:142.94E,h0km,mb3.8/6, mb1.4/0.6,mb1mx3.7/2.4,mbtmp3.8/6,MS2.8/3,Ms1.2/8/3, ms1mx2.5/35, Error ellipse: s-maj=32.7km s-min=9.4km az=73.0

MOS 18 15:23:57.4,1.1,43.73N:143.30E,h29km,mb4.2/4, Error ellipse: s-maj=24.2km s-min=16.6km az=96.6

ISC 18 15:23:55.9,1.1,43.73N:0.03:143.44E,0.03,h6km,gkm, n21, c0811/24,mb3.9/6,3C-4D,Hokkaido region

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

WEL 18 16:39:21.0,2.1,0.1,44:68S:167.49E,h5km,ML3.7/16,1D, Error ellipse: s-maj=1.1km s-min=0.9km az=90.0, South Island

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

WEL 18 18:02:23.1,0.6,36:59S:178.73E,h5km,ML3.0/6,4, Error ellipse: s-maj=7.1km s-min=3.8km az=90.0, Off east coast of North Island

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

706

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

MEX 17:16:09.2,0.5,15:95N:98.16W,h6km,3km,MD4.0, Off coast of Guerrero

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

IDC 18 17:17:40.5,2.2,5.68S:130.68E,h0km,mb3.6/1, mb1.3/7.4,mb1mx3.5/1.9,mbtmp3.6/4,ML3.5/3, Error ellipse: s-maj=94.5km s-min=27.8km az=77.0, Banda Sea

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

IDC 18 17:51:42.5,1.6,10:41S:160.83E,h0km,mb3.7/6, mb1.3/9.7,mb1mx3.8/1.9,mbtmp3.7/7,ML3.8/1,MS3.0/2, Ms1.3/0.2,ms1mx2.7/3.0, Error ellipse: s-maj=39.2km s-min=26.0km az=113.0

ISCJB 18 17:51:47.8,1.2,10:36S:0.08:160.7E,0.2,h42km, mb3.6/7,MS2.9/1, Error ellipse: s-maj=21.9km s-min=11.1km az=168.7

ISC 18 17:51:49.6,1.2,10:35S:0.1x160.6E,0.2,h42km,n12, r129/12,mb3.7/7,Bougainville - Solomon Islands region

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

WEL 18 18:02:23.1,0.6,36:59S:178.73E,h5km,ML3.0/6,4, Error ellipse: s-maj=7.1km s-min=3.8km az=90.0, Off east coast of North Island

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

IDC 18 18:03:58.0,0.7,40:40S:175.77E,h46km,4km,mb4.5/12, mb1.4/5.1,mb1mx4.4/2.1,mbtmp4.5/14,MS3.7/9, Ms1.3/7.9,ms1mx3.6/1.8, Error ellipse: s-maj=18.8km s-min=16.5km az=46.0

AUST 18 18:03:58.6,1.1,40:40S:175.73E,h43km,10km, Error ellipse: s-maj=18.7km s-min=7.5km az=120.0

ISCJB 18 18:03:59.1,0.2,40:42S:0.02:175.63E,0.03,h61km,2km, mb4.8/19, Error ellipse: s-maj=4.4km s-min=2.6km az=25.1

WEL 18 18:04:00.7,0.0,40:41S:175.60E,h43km,1km,ML5.1/16, Error ellipse: s-maj=0.8km s-min=0.4km az=90.0, 1 maximum reported intensity MM 6.

WEL Felt from King Country to Marlborough, and from Nelson to Hawke's Bay

NEIC 18 18:04:00.7,40:42S:175.60E,h40km,mb4.6/6, ML5.1(WEL), After WEL.

NEIC Felt widely on the North Island.

ISC 18 18:03:59.5,0.4,40:43S:0.02:175.59E,0.03,h50km,3km, h49km:pp-P,n309,r1913/59,mb4.7/19,MS3.9/7,9C-15D, North Island

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

Main table containing flight schedule data with columns for flight number, destination, time, status, and other details. Includes sub-sections for 18d 18h and various flight codes like WRA, WRA, etc.

Table with columns: TOAD, TOR, AKASG, NB2, NOA, HFS, MLR, ESDC, etc. containing station names, coordinates, and status.

IDC 18:18:40.7z4.2, 3.38S, 146.13E, h0km, mb3.7/6, mb1 4.0/8, mb1mx3.8/20, mbtmp3.9/8, ML3.4/2, MS3.6/2, MS1 3.6/2, ms1mx3.0/26, Error ellipse: s-maj=60.1km s-min=22.6km az=78.0

ISCJB 18:18:42.3z1.8, 3.45S, 0.1x146.2E, 0.3, h25km, mb3.6/5, MS3.6/2, Error ellipse: s-maj=42.8km s-min=16.0km az=102.0

ISC 18:18:43.8z2.1, 3.45S, 0.2x146.3E, 0.4, h25km, n9, o1926/8, mb3.8/5, Bismarck Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing various stations like Port Moresby, Charters Tower, etc.

PGC 18:18:29.0z0.3, 2.5196N, 131.27W, h20km, ML3.5/6, 6D, 148km Sse of Sandspit, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Barry Inlet, Moresby Island, etc.

MEX 18:30:31.5z0.9, 16.58N, 99.50W, h6km, 12km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like El Cayaco, Tlapa, etc.

KRSC 18:35:16.7z4.6, 54.93N, 162.35E, h58km, 57km, ML4.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing stations like Mys Kozlovka, Kizimen, etc.

ISCJB 18:19:05.5z0.3, 40.415S, 0.02x175.66E, 0.04, h68km, 4km, mb3.8/3, Error ellipse: s-maj=5.5km s-min=3.2km az=26.7, IDC 18:19:05.5z6.2, 40.42S, 175.66E, h51km, 21km, mb3.7/3, mb1 3.8/5, mb1mx3.6/17, mbtmp3.6/5, ML3.1/2, MS3.4/2, MS1 3.4/2, ms1mx2.8/26, Error ellipse: s-maj=37.1km s-min=15.3km az=136.0

WEL 18:19:05.5z6.2, 40.415S, 175.66E, h42km, 1km, ML4.3/16, Error ellipse: s-maj=1.0km s-min=0.5km az=90.0, intensity MM.5

WEL Fell between King Country, Wellington and Hawke's Bay, Maximum reported.

NEIC 18:19:05.5z6.2, 40.42S, 175.61E, h41km, ML4.3(WEL), After WEL

NEIC Fell in the Manawatu area, ISC 18:19:05.5z8.0, 40.44S, 0.03x175.62E, 0.03, h58km, 5km, n163, 0.09S/175, mb4.0/3, 14C-8D, North Island

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing numerous stations across the North Island of New Zealand.

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. listing numerous stations across the South Island of New Zealand.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like SNA, VNA1, VNA2, etc.

ISCJB 18 20:53:27.6, 7.5, 18:04:5:178:00W, h606km, 6.7km, mb3.2/6, mb1 3.4/7, mb1mx3.1/22, mbtmp3.2/7, Error ellipse: s-maj=104.4km s-min=39.2km az=133.0

ISC 19 19:53:25.6, 2.4, 18:15:0:16:177:30W, 0.5, h590km, n9, +066°11', mb4.0/6, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for stations like DZM, CTA, STKA, WRA, etc.

ISC 18 20:06:29.8, 0.9, 13:33N:50:88E, h0km, mb3.7/10, mb1 3.8/11, mb1mx3.7/26, mbtmp3.7/11, ML3.4/1, MS3.3/13, MS1 3.3/13, ms1mx3.1/37, Error ellipse: s-maj=26.5km s-min=20.8km az=178.0

ISCJB 18 20:06:31.0, 0.6, 13:4N:0:1:50:71E:0:05, h21km, mb3.8/7, ML3.0/13, Error ellipse: s-maj=16.2km s-min=6.7km az=15.3

DHMR 18 20:06:46.0, 0.4, 13:71N:49:60E, h21km, 99km, ML2.6, ISC 18 20:06:33.0, 0.8, 13:5N:0:1:50:66E:0:07, h21km, n37, +126°23', mb3.7/10, MS2.9/13, Eastern Gulf of Aden

Main table of station data for the 709 page, including codes, station names, coordinates, and technical specifications.

SKHL 18 20:11:19.9, 1.1, 43:50N:147:60E, h57km, 6km, mb4.5/1 JMA 18 20:11:19.0, 0.4, 43:49N:147:39E, h10km, 4km, M3.6

ISC 18 20:11:20.5, 2.5, 43:6N:0:1:147:6E:0:1, h45km, n11, +15°17', 1D, Kuril Islands

Table of station data for the Kuril Islands region, including codes like YUK, JRA, JNK, etc.

Table of station data for the 2009 NOV page, including codes like JAK, JTKR, JTKR, etc.

CSEM 18 20:25:31.9, 36:44N:22:80E, h112km, After ATH ATH 18 20:25:34.2, 36:44N:22:78E, h101km, 22km, Southern Greece

Table of station data for the Southern Greece region, including codes like AMT, AMT, GUR, etc.

ATH 18 20:25:43.2, 37:81N:23:80E, h18km, 1km, MD2 8/7, ML2.2 ISCJB 18 20:25:44.4, 1.0, 37:85N:0:06:23:71E:0:07, h10km, 4km, Error ellipse: s-maj=12.4km s-min=6.4km az=143.0

CSEM 18 20:25:44.6, 0.3, 37:88N:23:72E, h8km, ML1.5/3, Error ellipse: s-maj=7.2km s-min=4.7km az=139.0 THE 18 20:25:45.3, 37:88N:23:69E, h11km, 2km, ML1.5/3, Error ellipse: s-maj=3.0km s-min=0.6km az=162.0

ISC 18 20:25:45.1, 1.1, 37:88N:0:04:23:70E:0:04, h8km, 7km, n40, +08°34', Southern Greece

Main table of station data for the 2009 NOV page, including codes like ATH, ATH, PTL, etc.

ISC 18 20:39:38.9, 7.6, 42:65N:146:53E, h71km, 48km, mb3.3/4, mb1 3.4/5, mb1mx3.1/25, mbtmp3.4/5, ML3.7/1, Error ellipse: s-maj=85.1km s-min=29.5km az=174.0

ISCJB 18 20:39:40.2, 1.1, 43:10N:0:07:146:34E:0:08, h70km, 7km, mb3.4/4, Error ellipse: s-maj=14.3km s-min=6.7km az=144.7

MOS 18 20:39:40.0, 1.1, 43:11N:146:39E, h77km, mb4.1/2, Error ellipse: s-maj=51.9km s-min=28.8km az=132.5 JMA 18 20:39:41.7, 0.1, 43:11N:146:20E, h65km, 1km, M3.6 JMA Felt I J1

SKHL 18 20:39:41.6, 0.2, 43:10N:146:20E, h82km, 7km, mb4.7/1, msh5.1/2

ISC 18 20:39:53.5, 1.9, 43:01N:0:10:146:46E:0:09, h55km, 13km, n25, +19°39'32", mb3.5/4, 1D, Kuril Islands

Table of station data for the Kuril Islands region, including codes like NEM, NEM, YUK, etc.

JAK 18 20:40:19.7, 0.5, Pn 20 40 19.7 -0.5 JAK 18 20:40:19.7, 0.5, Pn 20 40 19.7 -0.5 JAK 18 20:40:19.7, 0.5, Pn 20 40 19.7 -0.5

Table of station data for the Kuril Islands region, including codes like JAK, JAK, JRA, etc.

Table of station data for the 18d 21h page, including codes like H11N2, H11N1, H11N3, etc.

ILAR Eielson Array 42.38 36 P comp=E:0.2nm, 0.6s, bazz=263, slow=7.0, SNR=5.5

MEX 18 21:01:27.1, 0.4, 16:57N:101:25W, h23km, 14km, MD3.5, Near coast of Guerrero

Table of station data for the Guerrero region, including codes like ZIG, ZIG, CAIG, etc.

CSEM 18 21:05:39.3, 37:04N:1:69E, h32km, mb3.7, After MDD MDD 18 21:05:39.3, 1.0, 37:04N:1:69E, h32km, 29km, mb3.7/23, 1C-1D, Error ellipse: s-maj=14.7km s-min=5.6km az=130.0, PFXIMO, Western Mediterranean Sea

Main table of station data for the 18d 21h page, including codes like OJGL, OJGL, OJGL, etc.





711

Table listing station call signs (e.g., XAN, XAN, XAN), frequencies, and other parameters. Includes a sub-table for '711' stations with columns for call sign, frequency, and various status indicators.

2009 NOV

Main table listing station call signs (e.g., MAT, MJAR, MJAR), frequencies, and other parameters. Includes a sub-table for '2009 NOV' stations with columns for call sign, frequency, and various status indicators.

18d 22h

Table listing station call signs (e.g., JCT, JCT, JCT), frequencies, and other parameters. Includes a sub-table for '18d 22h' stations with columns for call sign, frequency, and various status indicators.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like GYA, NJ2, KMI, ENH, KSAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ARU, ILAR, VNA2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JKRS, HATJ, JOW, etc.

Table with columns for station name, frequency, power, and status. Includes stations like PMSA Palmer Station, H10S2 ASCENSION HYDF66.0, K1C Kesan Boka, etc.

Table with columns for station name, frequency, power, and status. Includes stations like CN2 comp=E,11m,20.0s, 334A Lometa, 334A Art, etc.

Table with columns for station name, frequency, power, and status. Includes stations like 324A Moseley Ranch, Z26A Caprock, R30A Dighton, etc.

Table listing station codes and names (e.g., U23A EI Rito, K27A Fluencinger Fa, X21A Alamita Cree) with associated data such as frequency, polarization, and status.

Main table listing station codes and names (e.g., BC3 Big Chuckawall, G20A Bridger, IRM Iron Mountain) with associated data such as frequency, polarization, and status.

Table listing station codes and names (e.g., KSRS Korea Array, USRK Ussuriysk Arra, SONM Songino Array) with associated data such as frequency, polarization, and status.



19d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI, SURT, PBKT, PKDT, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like RMQ, KLBR, XAN, EIDS, etc.

716

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDJ, YNG, ASAJ, TOO, etc.

Table with columns for station call letters, frequency, mode, power, and other technical details. Includes stations like WMQ, BISR, BHGR, KAAM, POO, KKR, RTK, SMLA, etc.

Table with columns for station call letters, frequency, mode, power, and other technical details. Includes stations like KBL, KURB, KURK, KURK, KURK, etc.

Table with columns for station call letters, frequency, mode, power, and other technical details. Includes stations like MAW, MAW, MAW, TRF, ZEI, ZEI, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S2 WAKE ISLAND Hy 30.74 143 T, ILAR Eielson Array 40.27 37 P, MKAR Makanchi Array 44.44 297 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RES Resolute Bay 53.70 17 P, YKA Yellowknife Ar 54.37 34 P, KEV Kevo 57.76 339 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek 40.63 240 P, WRA Warramunga Arr 46.34 258 P, ASAR Alice Springs 46.60 253 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek 40.63 239 P, WRA Warramunga Arr 47.78 256 P, ASAR Alice Springs 48.14 251 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta 1.18 309 eP, CEN1 Nos Morros 1.26 325 i/P, PB10 Plate Boundary 1.39 311 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta 1.18 309 eP, CEN1 Nos Morros 1.26 325 i/P, PB10 Plate Boundary 1.39 311 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta 1.18 309 eP, CEN1 Nos Morros 1.26 325 i/P, PB10 Plate Boundary 1.39 311 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANCH Antofagasta 1.18 309 eP, CEN1 Nos Morros 1.26 325 i/P, PB10 Plate Boundary 1.39 311 eP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S1 WAKE ISLAND Hy27.75 275 T, H1S3 WAKE ISLAND Hy27.75 275 T, H1N1 WAKE ISLAND Hy27.91 277 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu 3.11 23 Pn, AFI 46nm,0.3s,baz=37,slow=19,SNR=8.2, AFI 18nm,0.3s,baz=73,slow=10,SNR=3.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs 50.02 253 P, PDAR Pinedale Array 83.06 42 P, ILAR Eielson Array 83.73 11 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAST Lasithi 1.06 353 ePn, ZKR Zakros 1.11 25 ePn, ZKR Zakros 1.11 25 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GVD Gavdhos 1.47 300 ePn, GVD Gavdhos 1.47 300 ePn, GVD Gavdhos 1.47 300 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, ANKY Antikythira Is 2.60 313 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PYL lthomi 4.30 316 ePn, ITM lthomi 4.30 316 ePn, ITM lthomi 4.30 316 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DRO Drossia 4.99 321 ePn, DRO Drossia 4.99 321 ePn, DRO Drossia 4.99 321 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RLS Riolos of Patr 5.19 321 ePn, RLS Riolos of Patr 5.19 321 ePn, RLS Riolos of Patr 5.19 321 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LK02 Lefkada island 6.16 321 ePn, LK02 Lefkada island 6.16 321 ePn, LK02 Lefkada island 6.16 321 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THL Klokotos Trika 6.17 333 ePn, THL Klokotos Trika 6.17 333 ePn, THL Klokotos Trika 6.17 333 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEST Nestorio 7.28 331 ePn, NEST Nestorio 7.28 331 ePn, NEST Nestorio 7.28 331 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRG Griva 7.30 340 ePn, GRG Griva 7.30 340 ePn, GRG Griva 7.30 340 ePn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower 38.83 269 P, STKA Stephens Creek 37.05 248 P, STKA Stephens Creek 37.05 248 P, etc.

ISCJB 19 03:56:44.9:0.4,6.77N:0.04:72.95W:0.03,h167km,4km,  
mb4.4/46,Error ellipse: s-maj=7.7km s-min=4.6km  
az=148.2  
IDC 19 03:56:44.8:1.5,6.75N:72.92W,h152km,15km,mb3.9/12,  
mb1.4/1/15,mb1mx3.8/26,mbtmp3.9/15,Error ellipse:  
s-maj=19.4km s-min=14.0km az=64.0  
NEIC 19 03:56:45.7:2.3,6.73N:72.90W,h160km,8km,mb4.5/44,  
Error ellipse: s-maj=18.5km s-min=6.7km az=131.0  
BUJ 19 03:56:46.4:6.70N:73.00W,h164km,mb4.8/3  
FUNV 19 03:56:50.4,7.01N:72.87W,h143km,MV4.2  
ISC 19 03:56:45.0:7.63N:0.05:72.91W:0.05,h163km,5km,  
n404,0.89/426,mb4.5/47,156C-152D, Northern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ROSC El Rosal, SOCV Socops, QARV Quebrada Arrib, etc.

Main table of station observations with columns: Y31A, Station Name, Time, Res, Az, Phase ID. Includes stations like Rekieta Farm, Woodward Ranch, Big Bend Ranch, etc.

Table of station observations with columns: Y22A, Station Name, Time, Res, Az, Phase ID. Includes stations like Playas Peak, St. Cloud Mine, Trinidad, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like G26A Maurine, C30A Mose, E28A Huff, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MOOV Moose Ponds, A24A Westby, TPNV Topsh Spring, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KMPKI Kaimana, TLE Tual, FAKI Fak Fak, etc.

ISCJB 19 04:10:19.4, 0.4, 4.9, 2S:0.04, 134.01E:0.07, h28km, mb4.0/9, MS3.2/1, Error ellipse: s-maj=10.3km s-min=5.6km az=163.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like DESF Desfina, WRA Warramunga, etc.

19d 4h 19 04:10:17.3, 0.7, 4.8, 2S:133.92E, h0km, mb4.1/7, Mb1.4/2.10, mb1mx4.1/1.7, mbtmp4.2/10, ML4.1/3, MS3.2/1, Mb1.3/2.1, ms1mx2.5/20, Error ellipse: s-maj=38.0km s-min=15.7km az=66.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Loutraki, Goura, Kalithea, Agios Charaliam, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like mb3.97/MS3.1/1, Error ellipse: s-maj=12.8km, etc.



19d 8h

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

MAN 19 08:14:23,10.68N,125.97E,h1km,mb4.4,ML3.3,MS3.1,2D,Leyte

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

19 08:31:04.1, 17.36, 86N, 104.99W, h0km, mb1.2/9.3, mb1mx2.9/30, mbtmp2.5/3, ML3.0/3, Error ellipse: s-maj=34.6km s-min=9.4km az=74.0

NEIC 19 08:31:07.3, 0.5, 36, 92N, 104.195W, h5km, ML2.9, Error ellipse: s-maj=8.4km s-min=6.1km az=70.0

ISC 19 08:31:03.9, 1.1, 36.85N, 105.010W, 0.01, h4km, gkm, n109, s1939/169, 54C-45D, New Mexico

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like San Luis, Moreno Valley, Trinidad, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like V25A Sanders, U23A El Rito, U26A Atchley Ranch, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSCO Kaye Shedlock, Y25A Mesa, Y24A Capitan, etc.

IDC 19 08:35:00.3, 0.4, 8.90S, 110.46E, h0km, mb4.4/28, mb1.4, 5/29, mb1mx4.5/31, mbtmp4.4/29, ML3.9/1, MS3.6/11, Ms1.3, 6/11, ms1mx3.4/27, Error ellipse: s-maj=16.4km s-min=10.6km az=69.0

AUST 19 08:35:06.6, 9.41S, 110.37E, h35km, ISCJD 19 08:35:07.5, 0.5, 8.99S, 0.04, 110.44E, 0.03, h67km, 3km, mb4.5/39, Error ellipse: s-maj=6.6km s-min=4.0km az=28.7

DJA 19 08:35:08.4, 0.8, 9.54S, 111.0E, h19km, 7km, MS, 0/22, mb4.7/2, MB5.9/2, MLV5.1/22, Mw(m)B5.5/2

NEIC 19 08:35:09.0, 0.7, 8.92S, 110.47E, h66km, gkm, mb4.7/7, Error ellipse: s-maj=7.9km s-min=4.7km az=45.0

NEIC Felt at Bantul, Jakarta, Kasihan, Klaten, Sleman and Yogyakarta.

BUI 19 08:35:09.3, 9.00S, 110.40E, h71km, mb5.1/16, mb4.8/21, Ms4.8/8, Ms7.4/4/8

ISC 19 08:35:10.2, 0.4, 8.96S, 0.04, 110.45E, 0.04, h75km, 3km, ISCJD 19 08:35:10.2, 0.4, 8.96S, 0.04, 110.45E, 0.04, h75km, 3km, mb4.5/39, New Jersey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UGM Wanagama, UGM Warrungga, PCJ1 Pacitan, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Karangkates, Karang Pucung, Tegai, Gresik, Cisomet, Garu, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Beijing, Hu-ho-hao-te, HHC, HHC, HHC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like az=52.0, ISCJB 19 08:37:49.9, etc.





Table with columns for station call letters, name, frequency, and other details. Includes stations like USHA, OTAV, ROSC, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like 627A, PARMO, LTX, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like SUR, T33A, Z25A, etc.

19d 10h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V22A San Miguel Ran, Q28A Sharon Springs, P29A Atwood, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N24A Carr, M25A Palm-Egii Farm, PV10 Paradise Valley, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MPU Maple Canyon, AGMM Agassiz Nation, J22A Midwest, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PNCL, PVAQ, A21a, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like PAB, PBRG, RAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CDF, YKA, YKA, etc.

Table of astronomical observations for 19d 12h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2009 NOV, listing station names, coordinates, and observation details.

Table of astronomical observations for 730, listing station names, coordinates, and observation details.

ASAR Alice Springs 56.33 143 P P 12 21 37.2 +0.5
AKASG Malin Array Bea 61.12 316 P P 12 22 08.9 -0.8

KSRS Korea Array 77.23 318 P P 13 15 59.7 +0.8
USRK Ussuriysk Arra 79.30 326 P P 13 16 11.1 +1.2

ILAR Eielson Array 122.02 1 PKP PKPdf 13 34 10.4 -1.0
MKAR Makanchi Array 148.07 2.7 PKPbc PKPbc 13 35 22.3 -0.8

ISCJB 19 12:21:09.3:0.6,1.00S:0.05:127.57E:0.04,h0km,
mb3.7/2, Error ellipse: s-maj=8.5km s-min=5.0km az=30.3

ILAR Eielson Array 86.45 13 P P 13 16 54.5 -0.4
CMAR Chiang Mai Arr 90.45 289 P P 13 17 07.0 +1.7

MAN 19 13:37:59.779N:124:53E,h0km,mb4.4,ML3.3,MS3.1,
4C,Mindanao

TNTI Ternate 1.78 354 P P 12 21 40.0 +1.9
NLAI Namlea 2.26 191 P P 12 21 46.2 +0.5

ILAR Eielson Array 86.45 13 P P 13 16 54.5 -0.4
CMAR Chiang Mai Arr 90.45 289 P P 13 17 07.0 +1.7

Code Station Name Az AZZ Phase ID Time Res
BUKP Musuan 0.54 81 eP ISC h m s ISC

GTOT Gorontalo 4.82 290 P P 12 22 24.7 +4.9
FAKI Fak Fak 5.07 112 P P 12 22 24.1 +0.7

GERES Geres Array B 150.48 345 PKPbc PKPbc 13 23 52.4 +0.2
GERES comp-Z,0.6m,0.2s,baz=54,slow=2.3,SNR=7.6

ISCJB 19 13:41:00.8:1.0,6:13S:0:07:130.4E:0:1,h10km,Error
ellipse: s-maj=2.1km s-min=0.7km az=281.0

FAKI Fak Fak 5.07 112 P P 12 22 24.1 +0.7
MRSI Marisa 5.79 285 P P 12 22 34.4 +1.2

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
BNDI Bandanaira 1.64 343 Op ISC h m s ISC

ASAR Alice Springs 23.35 165 P P 12 26 13.1 -0.9
MKAR Makanchi Array 61.91 326 P P 12 31 23.4 -0.9

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
BNDI Bandanaira 1.64 343 Op ISC h m s ISC

ISC 19 12:48:53.9:28.0,12:14S:171:60E,h0km,mb3.8/3,
mb1.4/2.4,mb1mx3.7/20,mbtmp4.1/4,ML4.7/1,Error

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
BNDI Bandanaira 1.64 343 Op ISC h m s ISC

DZM Mont Dzumac 11.04 206 P P 12 51 32.9 -0.3
DZM Mont Dzumac 11.04 206 eS Pn 12 52 53.2 -4.4

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

ISCJB 19 13:04:52.0:0.5,20:61S:0:07:177.85W:0:08,h450km,
mb4.0/18, Error ellipse: s-maj=11.5km s-min=8.2km

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

NIUE Niue 7.49 79 P P 13 06 45.5 +3.3
AFI Afiamalu 8.81 41 P P 13 06 55.8 -0.8

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

ASAR Alice Springs 44.86 262 P P 13 12 23.9 -0.5
ASAR comp-Z,65nm,18.4s,baz=118,slow=35

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

WRA Warrungarra Arr 44.86 262 P P 13 12 24.0 -1.2
WRA comp-Z,0.7m,0.7s,baz=106,slow=3.9,SNR=11

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

KDU Kakadu 48.24 271 P P 13 12 48.2 -2.9
FRT Forrest 49.48 247 P P 13 13 00.0 -1.0

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

ASAR Alice Springs 60.14 248 P P 13 14 14.5 0.0
GSPA South Pole Qui 69.36 180 P P 13 15 15.6 +2.2

ILAR Eielson Array 149.25 312 PKPbc PKPbc 13 31 21.4 -0.4
SONM Songling Arr 151.48 281 P P 13 31 25.9 -1.9

Code Station Name Az AZZ Phase ID Time Res
OKFG Magazine Ridge 1.01 330 Op ISC h m s ISC

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19d 14h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like MREP, MSOM, UNV, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like KLMMR, ARU, KAF, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Lists various stations like MB1, ISCB, DJA, etc., with their respective coordinates and data.

MAN 19 13:54:28.768N x 124:75E, h30km, mb3.7, ML2.4, MS2.0, 1C-1D, Mindanao

IDC 19 13:56:57.8; 1.7, 0.99N, 127.67E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/21, mbtmp3.6/4, Error ellipse: s-maj=145.3km s-min=20.6km az=67.0, Halmaheira

IDC 19 14:08:36.2; 0.6, 52.28N, 168.69W, h0km, mb4.4/31, mb1 4.5/32, mb1mx4.5/37, mbtmp4.4/32, ML4.2/1, MS4.0/13, Ms1 4.0/13, ms1mx3.7/46, Error ellipse: s-maj=18.6km s-min=10.7km az=165.0

IDC 19 14:05:44.2; 4.1, 4.97S, 0.09N, 103.0E, 0.1, h62km, 10km, n32, 0.98Z/32, mb4.1/10, Southern Sumatara

IDC 19 14:05:36.8; 2.0, 3.26S, 103.13E, h45km, Error ellipse: s-maj=2.6km s-min=1.7km az=326.0

IDC 19 14:05:36.4; 1.6, 4.83S, 102.97E, h0km, mb4.0/10, Error ellipse: s-maj=66.3km s-min=15.0km az=56.0

IDC 19 14:05:36.4; 1.6, 4.83S, 102.97E, h0km, mb4.0/10, Error ellipse: s-maj=66.3km s-min=15.0km az=56.0



19d 15h

Table with columns: ID, Station, Frequency, Power, Path, Time, Res. Includes stations like KIV, KBZ, LOR, ANN, SSF, MFF, SMF, DAVOX, CABF, TCF, LPL, LFF, CAF, ORIF, MTLF, ETSF, PF, BRTR, WRA, ESDC, ASAR, ASF, MAW, VNA2, SNA4.

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Table with columns: DCZ, Deep Cove, 1.08 253 P, Pg, 14 10 36.7 -0.6. Includes stations like DCZ, JCB, LBZ, SYZ, HDZ, PHSZ, PYZ, APZ, FOP, RAZ, WVZ, MOZ, CRZ, LTZ.

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Table with columns: STKA, Stephens Creek, 38.68 240 P, P, 14 49 09.0 +0.7. Includes stations like HTT, BBOO, WRA, ASAR, KDU, MTN, KNZA, FITZ, MEEK, CMAR.

IDC 19 14:36:26.0a.1.2.52E:87N:167.24W, h0km, mb3.9/12, mb1.4/13, mb1mx3.9/29, mbmp3.9/13, ML4.0/1, Error ellipse: s-maj=31.3km s-min=17.5km az=177.0.

NEIC 19 14:36:27.3a.2.53N:166.88W, h4km, mb3.6/2, ML3.5(AE/C), After AEC.

IDC 19 14:36:28.0a.0.4.52E:61N:107.166:93W:0.05, h25km, n56, e1902/53, mb4.0/14, Fox Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OKFG, OKTU, OKKE, MIFR, MSOM, NIKH, UNV, OKAK, MCIR, MTBL, ZRO, AKRB, AKUT, AKUT, AKGG, WESH, FALS, SPIA, GSTD, ETKA, GANE, PPLA, ILAR, ILAR, COLC, PETK, PETK, INK, INK, YKA, YKA, NVAR, H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, TXAR, SONM, SONM, KEV, KEV, ARCES, ARCES, MKAR, MKAR, KAF, FINES, FINES, NOA, NOA, AKASE, AKASE, CMAR, CMAR.

IDC 19 15:01:08.7a.1.5.55:73N:163.62E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/27, mbmp3.4/4, ML3.1/1, Error ellipse: s-maj=67.1km s-min=21.2km az=157.0.

KRSC 19 15:01:09.2a.3.2.54:35N:164.08E, h10km, mb3.7/12, n15, c189/23, mb3.5/3, Komandors Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBTR, KBTR, MKZ, MKZ, SMKR, KLY, ESO, SDLR, SMAR, SMAR, UGLR, UGLR, AVH, AVH, KRX, KRX, POK, POK, ILAR, ILAR, SONM, SONM, TXAR, TXAR.

SKHL 19 15:36:54.2a.1.4.49:10N:148.30E, h525km, 20km, mb4.4/2, msha:9/32

BUI 19 15:36:56.6a.49:59N:147:94E, h519km, mb4.9/5, mb4.5/9, MOS 19 15:36:56.2a.1.0.49:12N:147:84E, h521km, mb4.2/22, Error ellipse: s-maj=12.3km s-min=7.2km az=96.9.

ISCJB 19 15:36:57.1a.0.3.48:95N:140:05:147km, h541km, mb4.0/48, Error ellipse: s-maj=8.0km s-min=4.9km az=35.1.

IDC 19 15:36:57.5a.1.2.49:07N:147:86E, h528km, 14km, mb3.3/19, mb1.3/23, mb1mx3.5/29, mbmp3.3/23, Error ellipse: s-maj=11.7km s-min=8.7km az=139.0.

IDC 19 15:36:57.9a.0.48:97N:016:147:94E, h07, h541km, n131, c1917/143, mb4.1/48, 18C-22D, Sea of Okhotsk

IDC 19 14:46:36.8a.1.4.21S:02.999E:0.3, h34km, mb4.3/11, Error ellipse: s-maj=40.3km s-min=12.3km az=150.7.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PSI, PSI, CMAR, CMAR, H0S2, H0S2, H0S1, H0S1, WRA, WRA, ARSA, ARSA, KSRS, KSRS, STKA, STKA, SONM, SONM, SONM, SONM, USRK, USRK, ZALV, ZALV, PETK, PETK, FINES, FINES, ARCES, ARCES, TXAR, TXAR.

IDC 19 15:01:08.7a.1.5.55:73N:163.62E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/27, mbmp3.4/4, ML3.1/1, Error ellipse: s-maj=67.1km s-min=21.2km az=157.0.

KRSC 19 15:01:09.2a.3.2.54:35N:164.08E, h10km, mb3.7/12, n15, c189/23, mb3.5/3, Komandors Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBTR, KBTR, MKZ, MKZ, SMKR, KLY, ESO, SDLR, SMAR, SMAR, UGLR, UGLR, AVH, AVH, KRX, KRX, POK, POK, ILAR, ILAR, SONM, SONM, TXAR, TXAR.

SKHL 19 15:36:54.2a.1.4.49:10N:148.30E, h525km, 20km, mb4.4/2, msha:9/32

BUI 19 15:36:56.6a.49:59N:147:94E, h519km, mb4.9/5, mb4.5/9, MOS 19 15:36:56.2a.1.0.49:12N:147:84E, h521km, mb4.2/22, Error ellipse: s-maj=12.3km s-min=7.2km az=96.9.

ISCJB 19 15:36:57.1a.0.3.48:95N:140:05:147km, h541km, mb4.0/48, Error ellipse: s-maj=8.0km s-min=4.9km az=35.1.

IDC 19 15:36:57.5a.1.2.49:07N:147:86E, h528km, 14km, mb3.3/19, mb1.3/23, mb1mx3.5/29, mbmp3.3/23, Error ellipse: s-maj=11.7km s-min=8.7km az=139.0.

IDC 19 15:36:57.9a.0.48:97N:016:147:94E, h07, h541km, n131, c1917/143, mb4.1/48, 18C-22D, Sea of Okhotsk

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

WEL 19 14:10:16.5a.0.1.45:165:168:63E, h5km, ML3.7/13, 4C-5D, Error ellipse: s-maj=1.6km s-min=0.9km az=30.0, South Island

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

IDC 19 14:42:29.5a.1.7.16:96S:179:00W, h504km, 33km, mb3.4/6, mb1.3/6.8, mb1mx3.2/22, mbmp3.3/5.8, Error ellipse: s-maj=75.4km s-min=22.7km az=151.0.

ISCJB 19 14:42:30.3a.0.7.17:1S:0.2:179:00W:0.1, h533km, mb3.9/6, Error ellipse: s-maj=35.6km s-min=9.8km az=155.6.

IDC 19 14:42:30.2a.0.8.17:25:0.4:178:8W:0.2, h533km, n22, c089/24, mb3.9/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI, AFI, DZM, DZM, ARMA, ARMA, MGCQ, MGCQ, RMG, RMG, CTA, CTA, CMAS, CMAS, QLP, QLP, TOO, TOO, STKA, STKA.



Table with columns for station call signs (YUK, ASAJ, etc.), frequencies, and other technical details. Includes sub-sections like 'KAMIKAWA-ASAHI', 'PETK', 'SONM', etc.

Table of station data for November 2009, including call signs like PDAR, KIV, KBZ, and technical specifications.

Table of station data for 19d 16h, including call signs like KHZ, DZM, RPZ, and technical specifications.

ROM 19:15:40.50±0.3, 42°68N-13°49E, h21km, 4km, Md1, 8/4, 10M, 14.3, Error ellipse: s-maj=4.6km s-min=2.1km az=6.0.

Table for the ROM station, listing code, station name, frequency, and other parameters. Includes sub-sections for 'Central Italy' and 'KERMADEC ISLANDS REGION'.



DDA 19 16:26:31.6,36'00N,31'06E,h43km,MD3.6
ISK 19 16:26:31.0,35'99N,31'06E,h14km,MD3.8
ISCJB 19 16:26:32.5,0,2,35'98N,0,2,30'99E,0,02,h72km,5km,
mb3.4/8,Error ellipse: s-maj=3.3km s-min=2.2km az=23.7
CSEM 19 16:26:32.6,0,1,35'97N,30'98E,h20km,MD3.8,Error
ellipse: s-maj=3.2km s-min=2.2km az=42.0

NIC 19 16:26:34.0,0,2,36'28N,31'32E,h26km,ML3.5, MW3.6
IDC 19 16:26:33.7,1,6,36'08N,31'02E,h59km,17km,ML3.3/8,
mb1 3.5/13,mb1mx3/28,mbtmp3.6/13,Error ellipse:
s-maj=15.3km s-min=12.2km az=90.0
THE 19 16:26:34.3,35'98N,31'05E,h28km,28km,ML3.8/2,Error
ellipse: s-maj=28.3km s-min=1.1km az=66.0
HLW 19 16:26:37.1,35'79N,30'94E,h31km,26km,MD3.8,MI3.6
ISC 19 16:26:33.4,0,8,36'00N,0,03,31'04E,0,02,h55km,10km,
n202,c1940/244,mb3.5/8,Cyprus region

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

Main table with columns: NIG, Nişte, 3.55 52 ePn, Pn, 16 27 27.5 +1.3, etc.

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

ISCJB 19 16:30:42.7,0,6,30'47N,0'05,137'9E,0,1,h477km,
mb3.2/5,Error ellipse: s-maj=11.6km s-min=7.0km az=2.0
JMA 19 16:30:44.1,0,6,30'51N,138'18E,h480km,M3.6
JDC 19 16:30:45.2,2,1,30'51N,137'73E,h493km,31km,mb2.9/5,
mb1 3.2/9,mb1mx2.9/31,mbtmp3.1/9,Error ellipse:
s-maj=33.9km s-min=19.6km az=64.0
ISC 19 16:30:43.5,0,9,30'49N,0'08,137'9E,0,1,h477km,n16,
c1959/19,mb3.5/8,Southeast of Honshu

Table listing station names, codes, and coordinates for the 19d 17h region. Includes stations like Jackson Bay, Wanaka, Mangatoinaka R, Earningscleugh Tintock, etc.

WEL 19 16:34:27.6:0.4, 45.515S:166.67E, h21km, ML2.6/3, Error ellipse: s-maj=3.4km s-min=2.6km az=90.0, Off west coast of South Island

Table listing station names, codes, and coordinates for the West coast of South Island region. Includes stations like Deep Cove, Puysegur Point, Mavora Lakes, etc.

ISCJB 19 16:35:36.4:0.5, 47.53N:155.145E:0.2, h400km, mb3.2/12, Error ellipse: s-maj=15.6km s-min=6.3km az=8.7

Table listing station names, codes, and coordinates for the ISCJB 19 16:35:36.4 region. Includes stations like Keihoku, Nemuro 2, Akkeshi, Churui, etc.

ISCJB 19 16:45:09.6:0.5, 16.59N:105.94E:0.1, h106km, mb3.6/2, Error ellipse: s-maj=5.0km s-min=6.0km az=14.3

Table listing station names, codes, and coordinates for the ISCJB 19 16:45:09.6 region. Includes stations like Matias Romero, Tuzandepeti, Huatulco, etc.

IDC 19 16:46:25.4:0.0, 12.90S:167.47E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/18, mbtmp3.6/3, Error ellipse: s-maj=222.4km s-min=31.0km az=142.0, Santa Cruz Islands

Table listing station names, codes, and coordinates for the IDC 19 16:46:25.4 region. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, etc.

KRSC 19 17:02:59.6:5.2, 50.43N:154.61E, h276km, 25km, ML4.4

ISCJB 19 17:03:00.3:0.6, 50.73N:154.1E:0.2, h257km, 6km, mb3.3/13, Error ellipse: s-maj=19.7km s-min=9.6km az=44.9

MOS 19 17:03:00.6:1.1, 50.80N:154.05E, h261km, mb4.1/1, Error ellipse: s-maj=24.5km s-min=12.4km az=62.8

IDC 19 17:03:03.0:1.8, 50.78N:153.96E, h269km, 17km, mb3.2/13, mb1 3.3/15, mb1mx3.2/27, mbtmp3.2/15, Error ellipse: s-maj=15.6km s-min=12.1km az=138.0

ISC 19 17:03:01.4:0.7, 50.81N:154.2E:0.1, h252km, 7km, n34, c170/43, mb3.4/13, Kuril Islands

Table listing station names, codes, and coordinates for the ISC 19 17:03:01.4 region. Includes stations like SKR, PAU, APC, RUS, etc.

Table listing station names, codes, and coordinates for the MKZ, KBTR, ASAJ, SONM, ILAR, ZALV, MKFAR, YKA, ARCES, FINES, PDAR, AKASG, WRO, TXAR, ASAR region. Includes stations like Krutoberegovo, Asahikawa, Songoing Array, etc.

AUST 19 17:13:54.0:0.3, 6.50S:129.82E, h94km, Error ellipse: s-maj=0.8km s-min=0.8km az=295.0

NEIC 19 17:13:56.7:1.8, 6.55S:129.85E, h123km, 18km, mb4.6/5, Error ellipse: s-maj=13.6km s-min=9.7km az=70.0

ISCJB 19 17:13:57.4:0.2, 6.50S:103.03E:0.4, h146km, mb4.2/17, Error ellipse: s-maj=5.1km s-min=4.0km az=161.9

IDC 19 17:13:59.3:2.5, 6.53S:129.91E, h148km, 23km, mb3.9/13, mb1 4.0/16, mb1mx3.9/21, mbtmp3.9/16, MS3.3/1, Ms1 3.2/1, mb1mx2.4/28, Error ellipse: s-maj=21.0km s-min=10.1km az=81.0

DJA 19 17:14:01.0:0.3, 6.53S:133.0E, h164km, 6km, M4.9/22, mb5.3/13, mb4.8/22, MLV5.4/10, Mw(mb)4.7/13

ISC 19 17:15:58.6:0.4, 6.51S:130.03E:0.06, h146km, n114, c1946/108, mb4.1/17, Banda Sea

Table listing station names, codes, and coordinates for the BNDI, CMIG, TUIG, PCIG, HUIG, VHO, TPIG, PNIG, APG, TEIG, JTS, TXAR, PDAR, NVAR, LPAZ, YKA, ILAR, ARCES, WRA, ASAR, FITZ, MTNI, WRAP, WRA, WRA, SRBI, COEN, ABJI, JAGI, KMMI, BLJI, PMG, PMG, PMG, AS31, ASAR, ASAR, MTSU, SJI, UGM, CTA, CTA, CISI, CISI, GIRL, LEM, MEKZ region. Includes stations like Bandonaira, Matias Romero, Tuzandepeti, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KurBB, KurBB, INK, BVAR, BVAR, BVAR, BVAR, AAK, AAK, AAK, TAPN, CMAR, DMAR, JIRN, GUN, RAMN, KKN, DMN, GKN, DANN, KOLN, PYUN, YKA, KAF, KAF, FINES, NB2, NOA, HFS, NVAR, ULM, PDAR, GERES, WRA, DAVOX, ASAR, TXAR.

PGC 19:47:27.4-0.1, 51.388N-131.49W, h20km, ML2.2/2.5D, 154km Sse of Sandpit, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

PGC 19:48:14.7-8.6, 51.319N-131.35W, h20km, ML2.5/4.4D, 152km Sse of Sandpit, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

MEX 19:20:20.19±7.1, 0.1709N.9956W, h20km, gkm, MD3.7, Guerrero. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

WEL 19:20:43.34±6.0, 3.3811S.176.33E, h142km, 2km, ML3.7/9, 5C, Error ellipse: s-maj=1.8km s-min=1.6km az=0.0, North Island. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHHZ, NGZ, HIZ, WVPZ, RIGZ, RIGZ, FWZ, DRVZ, WHZ, TRVZ, MWZ, MCHZ, MOVZ, BHZ, MHZ, PKVZ, PRGZ, PUZ, PUZ, CNGZ, MHZ, CKHZ, MXZ, KAHZ, PNHZ, WJZ, WPHZ, PXZ, PXZ, PXZ, PRHZ, DVHZ, ANWZ, PRWZ, BFZ, MRZ, MRZ, OGWZ, KIW, KIW, TMWZ, MTW, CAW, CAW, CAW, DWZ, TRWZ, PAWZ, MSWZ, SNZO, TCW, TCW, TCW, BHW, BHW, TUWZ, TUWZ, TUWZ, NNZ, BSWZ, THZ, KHZ, MZ.

ISCJB 19:20:46.46±7.0, 9.20.83S.0.10.176.9W.0.1, h289km, mb3.9/8, Error ellipse: s-maj=18.6km s-min=13.1km az=16.5

IDC 19:20:45.0±5.0, 5.1.20.99S.176.92W, h311km, 48km, mb3.6/6, mb1.3/8/9, mb1mx3.6/19, mbtmp3.6/9, Error ellipse: s-maj=22.1km s-min=15.8km az=100.0

ISC 19:20:46.47±5.0, 9.20.9S.0.1x176.9W.0.1, h289km, n16, n192/16, mb3.8/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, DZM, DZM, URZ, CTA, PMG, STKA, ASAR, WRA, NVAR, CMAR, ARCES, AKASG, BRTR, GERES.

ISCJB 19:20:49.18±1.0, 3.16.58N.0.04.93.30W±0.04, h179km, 3km, mb4.1/12, Error ellipse: s-maj=7.9km s-min=5.1km

IDC 19:20:49.18±9.0, 6.16.72N.93.23W, h171km, 5km, mb3.9/13, mb1.4/1/7, mb1mx3.8/29, mbtmp3.9/17, Error ellipse: s-maj=21.7km s-min=9.1km az=58.0

MEX 19:20:49.20±6.1, 3.16.58N.93.65W, h162km, 17km, MD4.1, ISC 19:20:49.18±3.0, 5.16.60N.0.05.93.51W±0.04, h169km, 4km, n258, n150/277, mb4.2/12, 109C-113D, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG, PCIG, TUIG, TUIG, THIG, THIG, HUIG, HUIG, OXBJ, OXBJ, OXBJ, VHO, VHO, SCIG, SCIG, APG, APG, APG, TPIG, TPIG, TPIG, UTMG, UTMG, UTMG, PNIG, PNIG, TEIG, TEIG, TEIG, JTS, JTS, 732A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 632A, 632A, 534A, 631A, 533A, 532A, 434A, 531A, 43T, 43T, 335A, 530A, 334A, 432A, 431A, 628A, 333A, 529A, 627A, TXAR, 332A, 430A, 429A, 431A, 528A, 626A, 332A, 527A, 428A, 526A, 523A, 329A, 427A, ABTX, 428A, 328A, 229A, 131A, TIGA, 326A, 323A, 228A, 425A, Z31A, 227A, 128A, Z30A, Y32A, Z29A, 127A, Y31A, 324A, X30A, Y30A, X32A, 225A, Y26A, 126A, Z27A, X31A, 224A, 125A, Y28A, W34A, X30A, W33A, Z26A, W32A, 127A, Y27A, W31A, Y26A, V33A, AMTX, V32A, Z24A, W29A, V31A, X27A, Y25A, U34A.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like X26A, V30A, W28A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MVCO, P26A, Q24A, etc.

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

19d 23h

0.5nm,0.5s,baz=313,slow=3.3,SNR=2.7
MKAR Makanchi Array 146.79 40 PKPbc PKPab 22 10.20.5 +0.6

ISCJB 19 22:02:02.3.0.4. 9.80N:0.08.83.98W:0.05,h3km,4km,
mb3.7/10,Error ellipse: s-maj=14.9km s-min=5.9km
az=29.2
NEIC 19 22:02:02.6.9.83N:84.00W,h78km,MD4.5(CASC),After
CASC.
NEIC Felt at Atenas, Curridabat, San Pedro and San Rafael.
IDC 19 22:02:03.5.2.1. 10.02N:83.87W,h72km,21km,mb3.5/10,
mb1 3.8/11,mb1mx3.7/23,mb1mx3.5/11,MS3.2/6,
Ms1 3.2/6,ms1mx3.0/24,Error ellipse: s-maj=35.4km
s-min=20.8km az=53.0

ISC 19 22:02:03.1-0.7.9.76N:0.08.83.99W:0.06,h76km,6km,
n32,c1902/34,mb3.8/10,2C-5D,Costa Rica

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

IDC 19 22:15:19.5.1.4. 8.64S:124.17E,h0km,mb3.9/4,
mb1 4.2/7,mb1mx3.9/20,mbtmt4.1/7,ML4.2/3,Error
ellipse: s-maj=61.2km s-min=20.3km az=65.0
ISCJB 19 22:15:26.0.0.10.124.2E:0.1,h74km,mb3.7/4,
Error ellipse: s-maj=16.8km s-min=12.8km az=147.5
AUST 19 22:15:49.2.10.00S:125.02E,h200km
ISC 19 22:15:28.4.1.0.8.97S:0.09.124.1E:0.1,h74km,n15,
c214/15,mb3.8/4,Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and events for the 19 22:15:19.5.1.4. event.

IDC 19 22:54:54.0.45.0.16.19S:176.21W,h0km,mb4.2/3,
mb1 4.4/3,mb1mx3.8/17,mbtmt4.2/3,MS4.8/1,Ms1 4.8/1,
s-min=168.8km az=78.0,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and events for the 19 22:54:54.0.45.0.16.19S event.

IDC 19 23:07:27.8.0.5.0.67S:134.47E,h0km,mb4.6/15,
mb1 4.8/18,mb1mx4.7/23,mbtmt4.7/18,ML4.5/3,MS4.2/17,
Ms1 4.3/17,ms1mx4.1/31,Error ellipse: s-maj=22.2km
s-min=11.4km az=74.0
AUST 19 23:07:28.7.4.0.73S:134.59E,h9km,15km,Error
ellipse: s-maj=7.7km s-min=4.9km az=58.0
ISCJB 19 23:07:30.5.0.2.0.65S:0.03.134.73E:0.03,h33km,
mb5.0/68,MS4.3/27,Error ellipse: s-maj=4.2km
s-min=3.6km az=159.0
BUJ 19 23:07:30.1.0.90S:134.71E,h40km,mb5.1/32,mb5.0/47,
Ms4.8/32,Ms7 4.3/33

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and events for the 19 23:07:27.8.0.5.0.67S event.

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GCMT 19 23:07:32.7.0.2.60S:134.43E,h19km,1km,MW5.0,
Moment Tensor Solution, c37:51: s94,c148: Moment
tensor: Scalar 1016Nm, Mr0.14z,13; Ms0.07z,11;
Ms0.07z,12; Mr1.70z,27; Mw4.06z,10; Mr1.29z,26;
Best double couple: M4.60000x1016 NP1.86.00000,
s79.00000,lambda22.00000. NP2.352.00000,s68.00000,
lambda168.00000. Principal axes: T 4.9700,Plg23.0000,
Az3m31.0000,N -0.7000,Plg65.0000,Azm11.0000,
P -4.2700,Plg7.0000,Azm28.0000; Data Used: IUG
CN IC CU II.

NEIC 19 23:07:32.5.0.3.0.74S:134.45E,h35km,mb5.0/18 Error
ellipse: s-maj=11.5km s-min=5.2km az=66.0
NEIC Felt (III) at Manokwari.
DJA 19 23:07:32.1.0.5.1.7.4z:131.5E,h2km,3km,M5.1/37,
mb5.5/19,mb5.2/37,MLV5.5/2,MW6B)5.0/19
ISC 19 23:07:32.9.0.3.0.70S:0.04.134.66E:0.04,h35km,n204,
c176/245,mb5.1/68,MS4.3/27,11C-13D,Irian Jaya
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and events for the 2009 NOV period.

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Table with columns: EIDS, Eidsvold, 29.21 148, JJP, P, 23 13 31.9 +0.5. Lists various seismic events and stations.





20d Oh

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH, NB2, CMAR, OBN, KBL, AKASG, DRGR, WRA, BZS, GZR, ASAR, BRTR, TORD, BOSHA, etc.

IDC 19 23:19:59.1+9.6, 20.21S:178.13W, h544km, 101km, mb3.3/8, mb1 3.5/8, mb1mx3.3/19, mbtmp3.3/8, Error ellipse: s-maj=49.7km s-min=30.0km az=63.0

ISCJB 19 23:20:00.7+1.3, 20.30S:0.3-178.3W:0.2, h569km, mb3.8/8, Error ellipse: s-maj=34km s-min=26.0km az=153.2

ISC 19 23:20:01.1+1.2, 20.30S:0.2-178.2W:0.2, h569km, time, +1526.10, mb3.9/8, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTA, STKA, ASAR, FITZ, QSPA, ILAR, CMAR, AKASG, BRTR, etc.

IDC 19 23:35:50.7-10.0, 31.52S:179.14W, h226km, 105km, mb3.5/3, mb1 3.6/4, mb1mx3.4/4, mbtmp3.4/4, Error ellipse: s-maj=101.1km s-min=45.2km az=176.0

Kermadec Islands region

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

AUST 20 00:01:40.2+18.0, 2.56S:126.42E, h30km, Error ellipse: s-maj=1.5km s-min=1.2km az=288.0

IDC 20 00:02:36.2-2.1, 7.07S:128.05E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.6/18, mbtmp3.7/4, ML3.9/2, Error ellipse: s-maj=105.9km s-min=27.1km az=73.0, Banda Sea

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

GUC 20 00:30:02.8-0.8, 28.97S:71.02W, h85km, 7km, ML4.5, 3C-2D, Near coast of central Chile

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

2009 NOV

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TLL, CPCH, CMCH, ROCH, PELC, RCDM, LNV, CACH, etc.

IDC 20 00:33:14.9-0.7, 2.96N:128.17E, h0km, mb4.0/13, mb1 4.1/13, mb1mx4.0/24, mbtmp4.0/13, MS3.3/1, Ms1 3.3/1, ms1mx2.7/28, Error ellipse: s-maj=48.1km s-min=13.5km az=7.0

NEIC 20 00:33:19.8-0.5, 3.00N:128.24E, h35km, mb4.3/3, Error ellipse: s-maj=35.5km s-min=8.2km az=73.0

DJA 20 00:33:20.2+1.1, 3.7N:9.12E, h10km, M4.7/7, mb4.8/7, mb5.1/4, MLV4.7/7, MB(MB)4.5/4

ISCJB 20 00:33:25.0+0.5, 2.88N:0.05-128.00E:0.06, h100km, mb4.0/14, Error ellipse: s-maj=8.0km s-min=6.4km az=169.5

ISC 20 00:33:26.8-0.6, 2.85N:0.07-128.00E:0.09, h100km, n42, +085/40, mb4.0/14, Malhera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI, SGTI, SWI, GTOI, MRSI, LUWI, LUWI, FAKI, APSI, PCI, TTSI, SPSI, FITZ, FITZ, PMG, WRAB, WRA, WRA, ASAR, ASAR, ASAR, STKA, STKA, USRK, SONM, SONM, MK31, MKAR, MKAR, ZALV, ZALV, KURBB, KURK, BVAR, BVAR, AKTO, AKTO, VNSA, ILAR, ILAR, ARCES, ARCES, TORD, TORD, etc.

WRA Warramunga Arr 23.49 165 P P 00 38 27.8 -0.3

ASAR Alice Springs 26.97 168 P P 00 38 59.4 0.0

STKA Stephens Creek 36.87 161 P P 00 40 25.6 -0.2

USRK USSuriyek Arr 41.35 34 P P 00 41 02.8 +0.1

SONM Songoing Array 48.54 341 P P 00 41 59.8 -0.1

MK31 Makanchi Arr 59.00 325 P P 00 43 17.4 +1.2

ZALV Zalesovo Beam 61.95 333 P P 00 43 35.6 -0.4

KURBB Kurchatov Arr 63.16 327 P P 00 43 42.3 -1.9

BVAR Borovoye Array 68.75 327 P P 00 44 20.0 +1.0

AKTO Aktyubinsk 75.14 322 P P 00 44 58.0 -0.1

VNSA Vanda 82.40 173 P P 00 45 28.4 -8.9

ILAR Eielson Array 85.35 25 P P 00 45 52.1 -0.5

ARCES ARCES Array B 91.71 340 P P 00 46 22.6 -0.1

TORD Torodi Arr 124.40 288 PKP P 00 52 16.9 +1.6

ISC 20 00:37:00.44-50N:141.40E, h280km, Mw4.2 Best double couple: M2:3.7000x1015 NP1:3.275.00000, 3.62.00000, -1.50.00000. NP2:3.173.00000, 3.62.00000, -1.24.00000

ISCJB 20 00:37:10.9-0.3, 44.49N:0.04-141.40E:0.07, h250km, 2km, mb3.6/20, Error ellipse: s-maj=7.8km s-min=6.3km az=21.6

JMA 20 00:37:11.3-0.2, 44.55N:141.39E, h251km, 2km, M3.9

IDC 20 00:37:11.9-0.5, 44.59N:141.41E, h241km, 5km, mb3.3/19, mb1 3.5/23, mb1mx3.4/34, mbtmp3.4/23, Error ellipse: s-maj=11.6km s-min=9.9km az=111.0

ISC 20 00:37:12.0-0.6, 44.94N:0.05-141.39E:0.06, h246km, 5km, n47, +094/67, mb3.6/20, 2C-8D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYG, JSS, JSS, JHR, JHR, JW2, JW2, ASAJ, ASAJ, ASAJ, JSE, JSE, JKK2, JKK2, JSK, JSK, JFR, JFR, JEW, JEW, JTKR, JTKR, JAR, JAR, etc.

744

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCH, JCH, JNBK, JNBK, JKB, JKB, JOK, JOK, JAS, JAS, JOT, JOT, USRK, USRK, MAT, MAT, KSR5, KSR5, PETK, PETK, JNU, JNU, SONM, SONM, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, ILAR, ILAR, BVAR, BVAR, INK, INK, SPITS, SPITS, RES, RES, ARCES, ARCES, YKA, YKA, FINES, FINES, WRA, WRA, WRA, WRA, HFS, HFS, NOA, NOA, ASAR, ASAR, FRB, FRB, PDAR, PDAR, STKA, STKA, SIV, SIV, SNAA, SNAA, etc.

IDC 20 00:37:19.8-4.0, 41.94N:142.62E, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/26, mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=76.6km s-min=34.5km az=156.0

Hokkaido region

ASAJ Asahikawa 2.18 360 P P 00 37 57.2 -0.1

SONM Songoing Array 26.16 295 P P 00 42 55.3 -0.5

H1N2 WAKE ISLAND Hy 30.22 130 T T 01 15 43.0

H1N1 WAKE ISLAND Hy 30.23 130 T T 01 15 47.8

H1N3 WAKE ISLAND Hy 30.24 130 T T 01 15 45.0

H1S1 WAKE ISLAND Hy 31.08 131 T T 01 16 15.6

H1S3 WAKE ISLAND Hy 31.08 131 T T 01 16 49.3

H1S2 WAKE ISLAND Hy 31.10 131 T T 01 17 04.0

ZALV Zalesovo Beam 39.46 308 P P 00 44 52.1 +0.7

KURBB Kurchatov Arr 43.97 304 P P 00 45 27.3 -0.2

ILAR Eielson Array 44.90 35 P P 00 45 35.5 -0.2

ISCJB 20 00:44:09.0+0.6, 36.54N:0.04-70.75E:0.08, h188km, mb3.0/7, Error ellipse: s-maj=9.7km s-min=5.0km

IDC 20 00:44:08.1+4.2, 36.21N:71.18E, h201km, 33km, mb3.3/8, mb1 3.3/10, mb1mx3.1/34, mbtmp3.2/13, MS3.7/2, Ms1 3.7/2, ms1mx2.7/28, Error ellipse: s-maj=38.4km s-min=23.4km az=153.0

NNC 20 00:44:16.1+4.8, 37.04N:71.48E, h230km, 54km, mb2.9, mpv4.0, Error ellipse: s-maj=46.5km s-min=29.8km az=23.0

ISC 20 00:44:10.4+0.7, 36.61N:0.06-70.90E:0.09, h188km, n33, +192/36, mb3.7/7, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AML, DHRM, DHRM, DHRM, KZA, EK2, KK31, AAK, AAK, AAK, ULHL, CHMS, USP, TKM2, SMLA, SMLA, SMLA, SMLA, AYAN, AYAN, KUDL, KUDL, KUDL, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BHPL Bhopal, AB31 Akbulak array, AB31 Kurchatov Arra, etc.

DJA 20 00:50:58.4 0.7 1.1 S:8.13'5E, h10km, M3.8/3, MLV3.8/3
IDC 20 00:50:58.2 3.0 1.27S: 134.58'E h0km, mb3.3/2
mb1 3.6/3, mb1mx3.4/19, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=138.7km s-min=28.7km az=77.0

ISC 20 00:50:56.7 3.9, 0.85, 0.4, 134.64E, 0.09, h27km, n7, e1807.7, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MWPI Manokwari, SRPI Serui, etc.

IDC 20 01:05:39.4 1.9, 4.12S:144.22E, h0km, mb3.6/3, mb1 4.0/4, mb1mx3.6/17, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=95.5km s-min=28.0km az=122.0, Near north coast of New Guinea

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

IDC 20 01:19:29.3 3.6, 5.11S:149.54E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/17, mbtmp3.4/3, Error ellipse: s-maj=121.9km s-min=46.7km az=117.0, New Britain region

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

IDC 20 01:19:49.9 32.0, 20.28S:177.51W, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.7/18, mbtmp3.8/4, Error ellipse: s-maj=623.9km s-min=161.9km az=89.0, Fiji Islands region

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

IDC 20 01:44:37.4 2.4, 28.04N:56.84E, h0km, mb3.7/9, mb1 3.8/9, mb1mx3.5/29, mbtmp3.8/9, Error ellipse: s-maj=51.2km s-min=22.4km az=154.0

ISCJB 20 01:44:40.9 0.5, 28.21N:101.0557'E:0.1, h24km, mb3.6/9, Error ellipse: s-maj=13.4km s-min=5.1km az=19.9

CSEM 20 01:44:42.4 0.3, 28.17N:56.97E, h20km, ML3.8/4, Error ellipse: s-maj=12.2km s-min=5.6km az=93.0

ISC 20 01:44:41.8 0.9, 28.15N:101.0557'E:0.1, h24km, n18, e1937.20, mb3.6/9, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BNDS Bandar-Abbas, KRBK Kerman, etc.

IDC 20 01:53:29.8 1.6, 15.34S:173.46W, h0km, mb4.0/8, mb1 4.3/8, mb1mx4.1/20, mbtmp4.0/8, MS3.8/6, Ms1 3.8/6, ms1mx3.5/24, Error ellipse: s-maj=100.8km s-min=20.3km az=152.0

NEIC 20 01:53:31.3 0.3, 15.35S:173.46W, h10km, mb4.5/5, Error ellipse: s-maj=21.0km s-min=8.0km az=148.0

ISCJB 20 01:53:34.2 0.6, 15.35S:02:173.6W:0.2, h24km, mb4.1/13, MS3.8/6, Error ellipse: s-maj=33.9km s-min=12.3km az=147.8

ISC 20 01:53:35.9 0.8, 15.45S:03:173.5W:0.2, h24km, n48, e055/36, mb4.1/13, MS3.9/6, Tonga Islands

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

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

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ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

ASAR Alice Springs 50.05 252 P P 02 02 26.4 -0.4

SYVR e 03 10 04.6

SYVR eSg 03 10 25.6 -0.2

SYVR e max 03 10 31.5

SYVR comp=E,67nm,0.4s 2.16 214 fPn Pn 03 10 03.9 -0.3

OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

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OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

OGRR Ongureny 2.16 214 fPn Pn 03 10 03.9 -0.3

20d 4h

IDC 20 03:26:06.5:1.4,1416N-145.64E,h0km,mb3.5/4, mb1 3.8/4,mb1mx3.5/24,mbtmp3.5/4, Error ellipse: s-maj=160.0km s-min=26.5km az=114.0,Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA, FITZ, ASAR, ILAR.

IDC 20 03:54:52.6:1.4,33.90N:25.80E,h0km,mb3.5/4, mb1 3.6/7,mb1mx3.5/26,mbtmp3.4/7,ML3.5/3, Error ellipse: s-maj=26.7km s-min=22.4km az=175.0

ISCJB 20 03:54:53.9:0.7,33.88N:0.06:25.82E:0.05,h17km, mb3.4/4, Error ellipse: s-maj=6.1km s-min=6.1km az=177.8

CSEM 20 03:55:00.3:0.7,34.19N:25.68E,h30km,MD3.3, Error ellipse: s-maj=17.4km s-min=6.6km az=175.0

ATH 20 03:55:01.2:34.32N:25.62E,h52km,16km,MD3.3/5 ISC 20 03:54:55.4:1.0,33.96N:0.07:25.74E:0.05,h17km,n29, a=177/41,mb3.5/4, Eastern Mediterranean Sea

Main table for 20d 4h section, listing station names, coordinates, and seismic data for various stations like LAST, ZKR, NPS, etc.

NDI 20 03:58:31.6:1.9,33.44N:75.78E,h38km,999km,ML3.6 ISC 20 03:58:37.2:1.3,33.03N:0.10:75.9E:0.2,h28km,n6, a=197/10, ID, Eastern Kashmir

Table for NDI section, listing station names and seismic data for stations like SDNR, SMLA, KKR, etc.

ISCJB 20 04:02:28.9:0.3,34.81S:0.03:71.80W:0.06,h57km,4km, mb4.3/11,MS3.3/1, Error ellipse: s-maj=8.5km s-min=3.5km az=20.8

IDC 20 04:02:29.4:1.1,34.82S:71.67W,h42km,6km,mb3.8/5, mb1 3.9/7,mb1mx3.8/15,mbtmp3.8/7,ML4.2/2,MS3.2/2, Ms1 3.3/2,ms1mx2.9/15, Error ellipse: s-maj=3.49km s-min=2.4km az=58.0

NEIC 20 04:02:29.0,34.80S:71.76W,h44km,mb4.4/7, After GUC. NEIC Felt [IV] at Curico and Molina; [III] at San Javier and Talca; [II] at Cauquenes, Constitucion, Hualane, Licantán and Pichilemu.

GUC 20 04:02:29.2:0.7,34.80S:71.76W,h44km,2km,ML4.5 ISC 20 04:02:29.4:0.5,34.80S:0.03:71.79W:0.05,h43km,4km, n56,c090/75,mb4.3/11,3C-4D,Near coast of central Chile

Table for GUC section, listing station names and seismic data for stations like NICH, TALC, CTCH, etc.

2009 NOV

Main table for 2009 NOV section, listing station names, coordinates, and seismic data for stations like PCH, SAN, STL, LACH, etc.

746

Main table for 746 section, listing station names, coordinates, and seismic data for stations like QRS, QRSI, FITZ, etc.



Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AML, KZA, EKSS, AAK, BR131, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GNI, GNR, KBZ, ANN, BR131, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DANN, GKN, KLN, PTH, LGTI, etc.



20d 7h

Table with columns for station call letters, frequency, and other technical details. Includes stations like AKASG, BRG, GRR, etc.

2009 NOV

Table with columns for station call letters, frequency, and other technical details. Includes stations like BRG, GRR, etc.

750

Table with columns for station call letters, frequency, and other technical details. Includes stations like GRR, BRG, etc.





Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Q22A Kremmling, V26A Tequesquite Ra, MSTX Muleshoe, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Y32A R-V Farms, Ver, E21A Keefer Ranch, C20A Veseth Ranch, etc.

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

BUI 20 08:00:22.0, 12.75N:50.17E, h5km, mB5.1/31, mb4.8/41, Ms4.9/16, Ms7 4.5/16
GCMT 20 08:00:26.0, 0.3, 13.22N:50.73E, h12km, MW5.0, Moment Tensor Solution, s28,c36; s81,c106; Moment tensor: Scale 10^19Nm; Mr=2.87; 10; Mw=2.76; 08; Mww 0.11; 11; Mw=1.93; 32; Mww=0.33; 05; Mw=0.60; 43; Best double couple: M3 5.00000\*-10^16, N1 3.840000\* 8.6300000\*, 1-102.00000\*. NP2 2.2880000\*, 830.00000\*, 1-68.00000\*. Principal axes: T 3.3600, Plg17.0000\*, Azm183.0000\*; N 0.2300, Plg11.0000\*, Azm89.0000\*; P -3.5900, Plg70.0000\*, Azm329.0000\*; Data Used: IU II CN IC U G.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MUKL AI Mukalla, BDHA AI Bayda, etc.

Table with columns for station call letters (e.g., EKS2, AAK, AAK), frequency (e.g., 35.46, 35.79), power (e.g., 30, 30), and time (e.g., 08 07 29.2 +1.8).

Table with columns for station call letters (e.g., BVAR, BVAR, BVAR), frequency (e.g., 42.70, 42.70), power (e.g., 17, 17), and time (e.g., 08 08 26.4 -1.2).

Table with columns for station call letters (e.g., RETA, CRAI, BRG), frequency (e.g., 47.75, 47.86), power (e.g., 324, 75), and time (e.g., 08 09 06.9 -1.0).

20d 8h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BGF Bois d'Agland, GIVF Givet, LZH Lanzhou, etc.

2009 NOV

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like YAK comp=Z,11nm,1.0s, YAK comp=E,10.0nm,1.3s, etc.

754

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like JCT Junction City, Y23A Lovelace Mesa, Z25A Roswell, etc.

BUI 20 08:01:22.1,21:06S:177:02W,h340km,mB4.9/11, mB4.7/22
ISCJB 20 08:01:26.8,1.1,21:27S:0:06:177:91W:0:04, h363km,11km,mB4.6/83, Error ellipse: s-maj=9.3km s-min=4.5km az=157.3

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, and other parameters. Includes stations like MSVF Nonavsu, NIUE Niue, AFI Afiamalu, 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 Wattenberg Ran, Lake Granby, Chiang Mai, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code. Includes stations like FINES, NB2, NB2S, NOARS, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code. Includes stations like H08N2, H08N3, H08N1, etc.







Table with columns: S/FNV, comp, E, 28nm, 0.5s, AML, AML, 13 37 10.4

Table with columns: IDC 20 13:38:03.8-1, 18.625S-175.39W, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.6/19, mbmp3.6/4, ML2.5/1, Error ellipse: s-maj=346.1km s-min=28.2km az=142.0, Tonga Islands

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

Table with columns: JMA 20 13:48:13.2-0.1, 37.65N-141.55E, h75km, 2km, M1.3, Near east coast of eastern Honshu

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

Table with columns: NIED 20 13:48:00, 37.00N-141.70E, h35km, Mw3.9, Best double couple: Mb9.02000+104, M1.1; Mb23.00000+872, 00000+1, Mb6.00000+1, Mb12.222.00000+3, Mb12.00000+3, Mb12.00000+3

Table with columns: IDC 20 13:48:55.4-0.8, 36.95N-141.82E, h0km, mb4.0/13, mb1 4.1/16, mb1mx4.0/28, mbmp4.0/16, ML3.8/3, MS3.1/4, Ms1 3.2/4, ms1mx2.9/42, Error ellipse: s-maj=23.4km s-min=16.5km az=94.0

Table with columns: IS/CJB 20 13:48:56.9-1.5, 36.98N-141.96E, h0.05, h15km, 10km, mb3.9/13, MS3.3/2, Error ellipse: s-maj=6.7km s-min=6.0km az=147.7

Table with columns: JMA 20 13:48:59.7-0.2, 37.00N-141.71E, h51km, 3km, M3.9, ISC 20 13:48:56.1-1.9, 37.00N-141.89E, h6km, 11km, n41, r1940/39, mb4.1/13, 7D, Near east coast of eastern Honshu

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

Table with columns: IDC 20 14:21:07.4-1.4, 5.77S-150.77E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.7/18, mbmp3.7/6, ML2.2/1, Error ellipse: s-maj=65.8km s-min=22.1km az=126.0

Table with columns: IS/CJB 20 14:21:12.1-1.3, 6.05S-150.9E, h0.3, h43km, mb3.5/5, Error ellipse: s-maj=54.3km s-min=13.8km az=44.1

Table with columns: IDC 20 14:21:13.3-1.4, 6.05S-150.9E, h0.4, h43km, n7, c095/8, mb3.5/5, New Britain region

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

Table with columns: WEL 20 14:29:16.2-0.2, 38.11S-177.07E, h68km, 1km, ML3.5/5, 4C-10D, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0, North Island

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

Table with columns: IDC 20 14:40:01.6-7.3, 8.31S-119.37E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.5/22, mbmp3.6/4, ML3.2/2, Error ellipse: s-maj=191.2km s-min=82.8km az=65.0

Table with columns: IDC 20 14:40:02.8-1.2, 8.31S-119.37E, h17km, M3.8/5, ML3.7/5, Error ellipse: s-maj=192.7km s-min=82.8km az=65.0

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

Table with columns: IS/CJB 20 14:54:27.5-0.2, 36.82N-105.01W, h10km, mb3.7/3, MS3.2/2, Error ellipse: s-maj=1.9km s-min=1.6km az=153.0

Table with columns: IDC 20 14:54:29.5-1.1, 36.82N-105.27W, h0km, mb3.8/3, mb1 3.8/6, mb1mx3.6/31, mbmp3.6/31, ML3.5/3, MS3.5/3, Ms1 3.5/3, ms1mx2.8/48, Error ellipse: s-maj=25.3km s-min=9.2km az=85.0

Table with columns: NEIC 20 14:54:30.1-0.3, 36.89N-104.99W, h5km, ML3.7, Error ellipse: s-maj=5.5km s-min=4.8km az=76.0

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

Table with columns: U26A, baz=1.1, SNR=70, Sg, 14 55 02.1 -3.3

Table with columns: V24A, Rampart Ranch, baz=1.1, SNR=67, Sg, 14 54 47.9 -3.6

Table with columns: S23A, baze=1.1, nze Farm, Mt, baz=1.2, SNR=56, Pg, 14 54 50.2 -2.2

Table with columns: S23A, baz=1.2, Comanche Natio, baz=1.2, SNR=324, Sg, 14 54 49.8 -2.6

Table with columns: T26A, baz=1.2, Sanders Place, baz=1.4, SNR=155, Pg, 14 54 53.9 -1.7

Table with columns: R24A, baz=1.4, Tequesquite Ra, baz=1.4, SNR=23, Pg, 14 54 53.5 -2.4

Table with columns: V26A, baz=1.4, Fountin Ranch, baz=1.5, SNR=196, Pg, 14 55 11.1 -3.7

Table with columns: R25A, baz=1.5, Ortiz Mt. (NFS), baz=1.5, SNR=32, Pg, 14 54 54.6 -1.4

Table with columns: S26A, Kim, baz=1.5, SNR=199, Pg, 14 54 56.9 -1.4

Table with columns: R23A, Motaf, baz=1.5, SNR=199, Pg, 14 54 56.1 -1.1



TXAR Lajitas Array 125.36 304 PKP PKPdf 16 47 26.1 +0.8
TXAR Lajitas Array 125.36 304 PKP PKPdf 16 47 26.1 +0.8

ISC 20 16:34:43.3,2.3,43.71N:0.07x15.23E:0.08,h6km,2.1km,
n8,0101/16,Adriatic Sea

CSEEM 20 16:44:57.1,36.31N:1.14E,h0km,ML3.5,After ALG
CRAAG 20 16:44:57.1,36.31N:1.14E,M13.5,Northern Algeria

IDC 20 16:51:20.5:1.0,12.49S:165.58E,h0km,mb3.9/7,
mb1 4.1/9,mb1mx3.9/21,mbmp4.0/9,ML3.9/2,MS3.0/3,

ISCJB 20 16:51:24.0:0.8,12.66S:0.07x16.54E:0.10,h33km,
mb3.8/6,MS3.0/2,Error ellipse: s-maj=15.5km

Code Station Name Az AZZ Phase ID Time Res
HNR Honiara 6.30 299 Pn 16 52 56.1 -0.2
HNR 1.1nm,0.3s,baz=260,slow=19,SNR=4.9

MOS 20 16:54:58.8:0.8,42.41N:142.99E,h44km,mb4.5/21,Error
ellipse: s-maj=10.9km s-min=8.0km az=117.1

ISCJB 20 16:55:00.8:0.3,42.29N:0.04x143.02E:0.05,h67km,2km,
mb4.2/39,Error ellipse: s-maj=7.1km s-min=4.8km

NIED 20 16:55:00,42.30N:143.10E,h56km,Mw4.2 Best double
couple: M2.07000x1015 NP1.328.00000x.868.00000x,

JMA 20 16:55:02.4:0.1,42.32N:143.05E,h49km,1km,M4.0
Broadband fault plane solution: P waves NP1:

JMA Felt J1:
NEIC 20 16:55:02.3:0.5,42.33N:142.95E,h65km,5km,mb4.5/9,

NEIC Recorded [1 JMA] in southern and southwest
Hokkaido.
IDC 20 16:55:02.8:1.7,42.35N:143.01E,h68km,13km,mb3.8/20,

ISC 20 16:55:01.8:0.6,42.31N:0.04x143.03E:0.04,h59km,5km,
n142,0674/148,mb4.5/39,MS3.4/4,9C-5D,Hokkaido
region

Code Station Name Az AZZ Phase ID Time Res
JNBK Urakawa-nobuka 0.21 263 iP Pn 16 55 10.7 -0.5
JNBK 0.1nm,0.3s,baz=198,slow=11,SNR=624

YSS Yuzh-Sakhalins 4.65 358 ePN Pn 16 56 10.8 +1.3
MAJO Matsushiro 6.86 215cePN Pn 16 56 39.7 -0.1

MAJO Matsushiro 6.86 215 ePN Pn 16 56 40.2 +0.4
MAT Matsushiro 6.86 215 P Pn 16 56 39.9 +0.1
MJAR Matsushiro Arr 6.86 215 P Pn 16 56 40.8 +1.0

ZAK Zakamensk 28.32 300 eP T 17 00 48.6 -1.3
H1N2 WAKE ISLAND Hy 20.22 131 T 17 32 36.7
H1N1 WAKE ISLAND Hy 30.23 131 T 17 32 36.7

ZALV Zalesovo Beam 39.48 308 eP P 17 02 25.9 -0.3
ZALV 0.9nm,0.8s,baz=86,slow=7.7,SNR=35
ZALV comp=2.2,0nm,0.7s pmax pmax

MK31 Makanchi Array 42.58 298 eP P 17 02 51.6 -0.2
MKAR Makanchi Array 42.58 298 eP P 17 02 50.3 -1.5
MKAR comp=2.4,0nm,0.5s pmax pmax

JIRN Jiri 47.97 271 eP P 17 03 35.4 +0.3
GUN Gumba 48.06 272 eP P 17 03 36.0 +0.2
BVA0 Borovoye Array 48.08 309 iP P 17 03 35.2 0.0

TKM2 Tokmak 2 48.39 295 eP P 17 03 37.2 -0.8
TKM2 Tokmak 2 48.39 295 eP P 17 03 37.2 -0.8
KKN Kakani 48.57 272 eP P 17 03 39.9 +0.3

AAK Ala-Archa 49.24 295 eP P 17 03 40.0 -4.5
AAK comp=2.1,4nm,0.5s pmax pmax
AAK Ala-Archa 49.24 295 eP P 17 03 44.3 -0.1

ARU Arti 53.32 316 P P 17 04 14.2 -0.4
ARU Arti 53.32 316 eP P 17 04 12.7 -1.9

AB31 Akbulak array 55.59 308 iP P 17 04 30.9 -0.2
AB31 comp=2.3,0nm,0.4s pmax pmax
ABKAR Akbulak array 55.59 308 eP P 17 04 30.3 -0.9

RES Resolute Bay 57.19 16 P P 17 04 41.2 -0.9
RES Resolute Bay 57.19 16 P P 17 04 41.2 -0.9
ARCES ARCESS Array B 59.52 339 P P 17 04 57.6 -0.8

AKASG Malin Array Be 70.91 322 P P 17 06 12.0 -0.4
AKASG comp=2.1,0nm,0.4s pmax pmax
AKASG Malin Array Be 70.91 322 P P 17 06 12.0 -0.4

AVF Avril sur Loir 84.34 333 eP P 17 07 26.8 -0.5
AVF Avril sur Loir 84.34 333 eP P 17 07 26.8 -0.5
AVF Avril sur Loir 84.34 333 eP P 17 07 26.8 -0.5

WRA Waramunga Arr 25.87 156 P P 17 09 20.5 +0.2
ASAR Alice Springs 29.09 160 P P 17 09 48.9 -0.3
MKAR Makanchi Array 48.08 309 P P 17 13 24.8 -0.1

IDC 20 17:22:24.8:0.5,10.68N:82.92W,h0km,mb4.6/32,
mb1 4.7/38,mb1mx4.7/41,mbmp4.6/38,ML4.0/6,MS4.4/26,

URSC Urasca 1.08 227 iP Pn 17 22 46.7 -1.6
URSC Urasca 1.08 227 iP Pn 17 22 46.7 -1.6
CNI Changuinola 1.24 159 eP Pn 17 22 49.5 -0.8

Table with columns: BRU, Bar, 1.81 1677, eP, Pn, 17 22 58.0 -0.5, SWET, CPCT, 631A, Cooper Cave, 24.80 357, eS, S, 17 32 13.9 +7.1, BLO, Bloomington, 28.65 354, eP, P, 17 28 23.6 +0.7

Table with columns: SWET, CPCT, 631A, Cooper Cave, 24.80 357, eS, S, 17 32 13.9 +7.1, BLO, Bloomington, 28.65 354, eP, P, 17 28 23.6 +0.7

Table with columns: BLO, Bloomington, 28.65 354, eP, P, 17 28 23.6 +0.7, 425A, Indio Mountain, 28.67 318, eP, P, 17 28 24.0 +0.6, SLM, Saint Louis, 28.68 348, eP, Pmax, 17 28 23.8 +0.6

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like LAZ, Q29A, SCIA, SCIA, Y21A, Z20A, S26A, P30A, T25A, R27A, JFWS, JFWS, JFWS, X21A, Y20A, Q28A, P29A, R26A, U23A, S25A, T24B, N31A, V22A, KSCO, KSCO, X20A, P28A, R25A, TUC, TUC, S24A, T23A, V21A, Q26A, ACCN, W20A, SDOO, SDOO, R24A, Q25A, P26A, V20A, SIV, SIV, SIV, SADO, SADO, SADO, X18A, R23A, MDV, P25A, M29A, W18A, W18A, Q24A, S22A, U20A, Q26A, OGNE, OGNE, LONY, N27A, P21A, Q23A, Q25A, L29A, ECDSD, M29A, M29A, K30A, P23A, X16A, ISCO, ISCO, ISCO, K29A, SPMN, SPMN, J30A, LVC, PV01, PV01, WUAZ.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like WUAZ, WUAZ, N24A, P22A, Q23A, Y14A, J29A, O22A, PV04, I30A, PV10, PV10, M24A, J28A, N23A, BRSD, PKME, J27A, I29A, N22A, I28A, U15A, PDMCI, O20A, O20A, O20A, J26A, I27A, W13A, L22A, N20A, SRU, SRU, SRU, BC3, IRM, K23A, H27A, Q16A, I25A, EYMN, K22A, RSSD, RSSD, RSSD, LDFC, TMUT, TMUT, BELC, E30A, H25A, G27A, K21A, ARUT, ARUT, ARUT, ARUT, J22A, D30A, H24A, MPU, MPU, HEC, TUQ, SHPR, E28A, I22A, J21A, JLU, JLU, AGMN, AGMN, I21A, J20A, J20A, GSC, GSC, GSC, H22A, H22A, BW06, BW06, BW06, PDAR, PDAR, PDAR, PDAR, DUG, DUG, DUG, DUG, J19A, MDND, MDND, MDND.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like I20A, TPNV, B30A, G22A, F23A, EDW2, FURC, H20A, LRMC, SPUT, SPUT, C27A, R11A, R11A, BGU, BGU, I19A, MPMC, A30A, F22A, AHID, AHID, C26A, A29A, D24A, E22A, ISA, ISA, ISA, G20A, A28A, I17A, ULM, ULM, H18A, D23A, LAO, LAO, RLMT, F20A, H17A, H17A, E21A, ELK, ELK, D22A, YFT, YFT, YFT, Y19A, Y19A, E20A, DGMT, DGMT, C22A, NV11, E19A, QLMT, QLMT, NVAR, NVAR, NVAR, B23A, A24A, B22A, D19A, C20A, BOZ, BOZ, BOZ, HLID, HLID, HLID, MCMT, A22A, C19A, B20A, A21A, LRM, LRM, CMB, CMB, BDFB, BDFB, A20A, HRY, HRY.

Table with columns for call sign, name, coordinates, frequency, and status. Includes entries like EGM T Eagleton, AG19A Klindworth Far, BEKR Beckworth, etc.

Table with columns for call sign, name, coordinates, frequency, and status. Includes entries like EVO comp=Z.26nm,0.8s, PBDV Barranco-do-Ve, PBEJ Beja, etc.

Table with columns for call sign, name, coordinates, frequency, and status. Includes entries like CABF La Chapelle, ORIF La Chapelle, ORIF Oris-en-Rattie, etc.



20d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

2009 NOV

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various radio stations.



Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for various stations like H03N1, NVAR, CMAR, etc.

IDC 20 18:45:44.9, 1.3, 3:49N, 128:72E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/22, mbtmp3.8/7, Error ellipse: s-maj=112.5km s-min=17.8km az=75.0

ISCJB 20 18:45:20.0, 0.7, 3:54N, 128:59E, 0.06, h45km, mb3.8/7, Error ellipse: s-maj=9.6km s-min=6.8km az=40.2

DJA 20 18:45:58.9, 1.2, 3:10N, 128:57E, h118km, 19km, M4.5/7, mb4.5/5, mbM4.8, MLV=4.7, Mw(MB)4.0/4

IDC 20 18:45:51.9, 0.8, 3:56N, 128:57E, 0.08, h45km, n18, c150/19, mb3.8/7, North of Halmahera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like TNTI, SWI, KMSI, etc.

IDC 20 18:58:09.3, 1.7, 4:76N, 126:15E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/23, mbtmp3.6/5, Error ellipse: s-maj=105.7km s-min=22.1km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like FITZ, WRA, ASAR, etc.

IDC 20 19:04:49.3, 4.1, 13:96N, 92:35W, h0km, mb3.7/3, mb1 4.1/6, mb1mx3.8/25, mbtmp3.6/6, ML4.0/3, MS3.0/1, Ms1 3.0/1, ms1mx2.4/33, Error ellipse: s-maj=70.5km s-min=26.8km az=170.0

ISCJB 20 19:04:52.8, 1.3, 14:01N, 10:92:53W, 0.05, h46km, mb3.8/3, Error ellipse: s-maj=14.1km s-min=7.3km az=160.0

MEX 20 19:04:55.0, 0.5, 13:97N, 92:56W, h27km, 27km, MD4.0

ISC 20 19:04:55.6, 1.5, 14:10N, 01:92:49W, 0.06, h46km, n10, c195/14, mb3.9/3, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like THIG, PCIG, APG, etc.

IDC 20 19:08:21.2, 2.7, 0, 18:90S, 174:62W, h0km, mb3.9/4, mb1 4.0/4, mb1mx3.8/20, mbtmp3.9/4, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like CTA, STKA, WRA, ASAR.

CSEM 20 19:09:26.2, 0.1, 41:63N, 14:35E, h12km, MD1.9/5, After ROM ROM 20 19:09:26.2, 0.2, 41:63N, 14:35E, h12km, 3km, MD1.9/5, MI1.4/4, Error ellipse: s-maj=3.5km s-min=1.9km az=56.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like MIDA, RION, RN12, etc.

NIED 20 19:10:00.46, 7.0N, 152:20E, h35km, Mw4.1 Best double couple: M1.410000, 1015, NP1.3, 316.00000, 872.00000, 1.27.00000, NP2.3, 21.00000, 864.00000, 1.60.00000

JMA 20 19:10:27.0, 4.0, 46:68N, 153:16E, h30km, M4.8

ISCJB 20 19:10:29.0, 0.4, 46:84N, 150:15E, 152:75E, 0.0, h56km, mb4.3/31, MS2.8/1, Error ellipse: s-maj=8.7km s-min=3.4km az=140.7

MOS 20 19:10:29.7, 1.1, 46:92N, 152:78E, h61km, mb4.6/18, Error ellipse: s-maj=10.9km s-min=7.5km az=69.2

BUI 20 19:10:29.7, 46:80N, 152:80E, h60km, mb4.9/5, mb4.5/9

SKHL 20 19:10:31.2, 1.2, 46:90N, 152:90E, h74km, 5km, mb4.8/7

IDC 20 19:10:33.1, 2.5, 46:95N, 152:71E, h75km, 22km, mb3.8/24, mb1 4.0/27, mb1mx4.0/32, mbtmp3.9/27, MS3.0/2, Ms1 3.0/2, ms1mx2.7/34, Error ellipse: s-maj=19.1km s-min=1.6km az=145.0

ISC 20 19:10:30.2, 0.5, 46:82N, 152:85E, 0.06, h56km, n135, c162/137, mb4.2/31, 13C-6D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like KUR, SKR, PAU, etc.

PET comp=Z,80nm,0.6s A A 19 13 32.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like ASH, ONB, HOR, etc.

comp=Z, 144nm, 20.2s, baz=346, slow=36

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res, and other details for stations like JKK, JW, TYV, etc.

comp=Z, 151nm, 15.0s MLR MLR

comp=Z, 10.0nm, 0.5s

ATTU Island-F 14.42 58 S Sn 19 16 17.7 -12

USRK Utsurisky Arra 14.86 267 P P 19 15 57.6 +0.9

MJA0 Matsuo Arr-220 14.96 232 eP pmax 19 14 03.2 +0.7

MJAR Matsushiro Arr 14.98 232 P P 19 14 03.4 +0.7

MAJO Matsushiro 14.98 232 eP P 19 14 01.3 -1.5

MAT Matsushiro 14.98 232 P P 19 14 04.0 +1.2

BMKR Bornak 17.06 306 eP P 19 14 22.5 -2.1

KROS Kirovskiy 18.03 305 eP P 19 14 34.7 -1.6

KSRS Korea Array 20.65 252 P P 19 15 06.5 -1.2

JNU Nakatsue 21.60 239 P P 19 15 16.3 +1.0

H11N2 WAKE ISLAND Hy 29.36 152 T T 19 47 54.0

H11N1 WAKE ISLAND Hy 29.38 152 T T 19 47 55.1

H11N3 WAKE ISLAND Hy 29.38 152 T T 19 47 55.2

Hu-ho-hao-tse 30.11 274 eP P 19 16 38.8 +4.4

H11S1 WAKE ISLAND Hy 30.45 153 T T 19 49 18.1

H11S3 WAKE ISLAND Hy 30.45 153 T T 19 49 15.4

H11S2 WAKE ISLAND Hy 30.46 153 T T 19 49 16.4

SOMN Songino Array 31.14 289 P P 19 16 44.0 +0.5

COLA College 36.20 386 eP P 19 17 28.2 +1.3

ILAR Elison Array 36.61 39 P P 19 17 31.1 +0.6

INK Inuvik 41.69 32 P P 19 18 14.1 +1.3

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

ZALV Zalesovo Beam 42.43 306 P P 19 18 17.8 -1.2

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Scoresbysund, Kangasniemi, Finedale Array, etc.

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Tazeka, Rabat Centre, Touzarine, etc.

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Adamuz, Castro Verde, Marletele, etc.

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Chichijima, Matsushiro Arr, Korea Array, etc.

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Luque, Tazercoutte, Luque, etc.

Table with columns: Code, Station Name, Az, Elevation, Frequency, Bandwidth, SNR, Azimuth, Azimuth Error, Time, Resolution, Residuals. Includes stations like Messejana, Sao Teotónio, Huescar, etc.

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

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

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

BGS 20 19:31:18.6 ± 1.8, 1.25S, 18.73W, h10km, 999km, mb5.3, BUJ 20 19:31:23.3, 0.59S, 18.85W, h10km, mb5.7/12, mb5.5/2, MS5.4/15, MS7.5/0/15, ISCBJ 20 19:31:24.1 ± 1.1, 0.16S, 18.03W, h10km, mb5.4/243, MS4.8/173, Error ellipse: s-maj=5.3km, s-min=2.6km az=150.5, IDC 20 19:31:25.9, 0.4, 0.05S, 18.02W, h0km, mb4.9/34, mb1.5/0.35, mb1mx5.0/36, mbtmp4.9/35, ML5.7/2, MS4.8/23, MS1.4/723, ms1mx4.7/25, Error ellipse: s-maj=12.3km, s-min=9.6km az=145.0, MOS 20 19:31:25.9 ± 1.0, 0.12S, 17.95W, h10km, mb5.7/101, MS4.8/45, Error ellipse: s-maj=8.5km s-min=3.6km az=63.7, NEIC 20 19:31:26.1 ± 2.4, 0.18S, 18.00W, h5km, 15km, mb5.4/94, MS4.9/132, MW5.4, Error ellipse: s-maj=4.7km, s-min=2.8km az=149.0, Moment Tensor Solution. s30, Moment tensor: Scale 10^17Nm; Mr=0.21; Mw=1.05; Mw=0.84; Mw=0.02; Mw=1.39; Mw=0.04; Best double couple: M=1.700000e+17, NP1=325.000000, 888.000000, lambda=180.000000, NP2=163.000000, 890.000000, lambda=2.000000. Principal axes: T: 1.7900, P1g3.000000, Azm207.000000, N: -0.2100, P1g68.000000, Azm335.000000, C: -1.6500, P1g1.000000, Azm117.000000, DJA 20 19:31:26.0, 0.7, 0.0, 10.1, 1.9W, h16km, M5.3/10, mb5.8/3, mb5.2/10, Mw(m)5.4/3, GCMT 20 19:31:32.4, 0.1, 0.10W, 17.99W, h16km, MW5.5, Moment Tensor Solution. s95c177; s46c47; Moment tensor: Scale 10^17Nm; Mr=0.08; 02; Mw=0.89; 02; Mw=0.81; 02; Mw=0.04; 06; Mw=1.73; 02; Mw=0.15; 06; Best double couple: M=1.900000e+17, NP1=347.000000, 890.000000, lambda=180.000000, NP2=77.000000, 885.000000, lambda=180.000000, Principal axes: T: 1.9700, P1g3.000000, Azm32.000000; N: -0.0800, P1g85.000000; Azm163.000000; P: -1.8900, P1g4.000000; Azm302.000000; Data Used: II UU CU IC G CN, Surface waves: sta=12, comp=294, per=50, ISC 20 19:31:27.6, 0.4, 0.20S, 0.04W, 17.97W, 0.05S, h14km, 2km, h14km; P1P1318. ± 0.11/1296, mb5.5/242, MS4.9/174, 318C-241D, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

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





20d 19h

2009 NOV

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Main table of station data for 20d 19h, including call letters, station name, frequency, power, and coordinates. Includes stations like UZH Uzhgorod, NORARS Subarab, and many others.

Continuation of the station data table, including stations like SNA Sanae, SWET Swanee, and many others.

Table with columns for station identifiers (e.g., K5U1, V34A), call signs, coordinates, and various numerical data points. Includes a large section for '2009 NOV' and a '20d 19h' section at the bottom right.

20d 19h

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like Z26A Caprock, 126A Clayton Basin, 226B Tecolote Peak, etc.

2009 NOV

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like L23A Garrett, Q23A Hartsel, P23A Jefferson, etc.

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Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like U20A Newcomb, 220A Playas Peak, 320A Kip Ranch, etc.



Table with columns for station name, frequency, polarization, and other technical details. Includes stations like Makanchi Array, Zalesovo Array, and various other radio stations.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like Chanchung, Mudanjianj, Tubuai, and various other radio stations.

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like Mbarara, Dodoma, Lusaka, and various other radio stations.





20d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like CMAR Chiang Mai Arr, JIRN Jiri, PKI Pulchoki, etc.

ISCJB 20 23:38:23.4, 0.3, 38.44N, 0.01:21.74E, 0.02, h3km, 2km, mb3.9/6, Error ellipse: s-maj=2.5km s-min=2.1km az=156.5

ICD 20 23:38:23.3, 1.3, 38.52N, 21.65E, h0km, mb3.9/6, mb1.3. 7/9, mb1mx3.6/30, mbtmp3.7/9, ML2.9/3, Error ellipse: s-maj=29.0km s-min=20.5km az=100.0

ATH 20 23:38:24.1, 38.44N, 21.77E, h12km, 1km, MD3.1/31, ML3.2

CSEM 20 23:38:24.2, 0.1, 38.42N, 21.79E, h0km, 1km, MD3.1, Error ellipse: s-maj=2.7km s-min=2.2km az=62.0

ISC 20 23:38:24.8, 0.3, 38.42N, 0.01:21.74E, 0.01, h12km, 5km, n186, c0998/237, mb4.0/6, 4C-5D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like PSA1 Psathopyrgos, UPR University Cam, LAKA Lakka, etc.

2009 NOV

Table with columns: Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like THL Klokotos Trika, VLA Vlachokerasia, VLL Vlachokerasia, etc.

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Table with columns: Station Name, Az, Phase ID, Time Res, ISC, h m s, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZRHB Zarechye, etc.



21d 1h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters for various stations like HNR, DZM, DZM, DZM, etc.

IDC 21 01:04:18.8:3.0, 20:07N:38.41E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/26, mbmp3.5/3, Error ellipse: s-maj=81.8km s-min=32.5km az=157.0, Red Sea

GUC 21 01:16:10.0:0.8, 33:36S:72:16W, h20km, g5km, MD3.5, ML2.4, Off coast of central Chile

IDC 21 01:25:37.2:1.2, 15:75S:172:40W, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.8/20, mbmp3.7/5, MS3.2/1, Ms1 3.1/1, ms1mx2.6/25, Error ellipse: s-maj=51.9km s-min=21.9km az=127.0

ISCJB 21 01:25:40.8:0.9, 15:75S:0:1:172:5W:0.2, h35km, mb3.6/5, MS3.2/1, Error ellipse: s-maj=38.5km s-min=9.5km az=29.3

ISC 21 01:25:42.2:1.2, 15:75S:02:172:5W:0.3, h35km, n11, o030/8, mb3.5/5, Samoa Islands region

ISCJB 21 01:41:10.8:0.3, 38:44N:0:02:21:99E:0:03, h10km, 3km, Error ellipse: s-maj=3.6km s-min=3.2km az=31.8

ISC 21 01:41:10.9, 38:44N:21:98E, h12km, 2km, ML1.4/5, Error ellipse: s-maj=2.2km s-min=0.4km az=117.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters for stations like KALE, KALE, KALE, etc.

2009 NOV

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters for numerous stations like KLV, Desfina, Desfina, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kalavryta, Plijevija, Selova, Ston, Lokris, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SOKA Soboth, OBKA Obir, OBKA Obir, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VLI Veliia, BUC 21 01:57:32.8, etc.

21d 2h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKWK, WHFN, YKA, YKAF, YKAL, etc.

2009 NOV

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LOT, CN2, MLR, MKR1, MKR2, etc.



Table with columns: LPAZ, ASAR, LBTB, STKA, STKA, BOSB, BOSB, SUR, SNA, VNA, VNA. Includes station names, coordinates, and various codes.

ISCJB 21 02:17:59.0.4.3.58S:0.06:25.19E:0.05, h10km, mb4.1/19, MS2.5/1, Error ellipse: s-maj=8.9km, s-min=6.9km az=151.4

ICC 21 02:17:59.4.0.9.3.62S:25.14E, h0km, mb3.9/10, mb1.4/0.13, mb1mx3.8/28, mbtmp3.9/13, MS2.7/1, Ms1 2.7/1, ms1mx2.2/31, Error ellipse: s-maj=24.1km, s-min=19.6km az=116.0

NEIC 21 02:18:00.7.0.3.3.58S:25.17E, h10km, mb4.4/12, Error ellipse: s-maj=8.3km, s-min=7.5km az=127.0

ISC 21 02:18:00.2.0.5.3.73S:0.06:25.19E:0.07, h10km, n50, az=139/56, mb4.3/19, Zaire

Main table for 2009 NOV, columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations and their associated data.

ISC 21 02:41:44.8.5.7.67S:156.54E, h0km, mb3.8/5, mb1.3/9.5, mb1mx3.7/15, mbtmp3.8/5, MS3.2/1, Ms1 3.2/1, ms1mx2.7/26, Error ellipse: s-maj=172.7km, s-min=30.0km az=111.0

ISCJB 21 02:41:48.5.0.9.68S:0.1:156.5E:0.1, h33km, mb3.6/5, MS3.2/1, Error ellipse: s-maj=24.7km, s-min=10.6km az=34.1

ISC 21 02:41:50.5.1.2.68S:0.2:156.5E:0.2, h35km, n13, az=150/63, mb3.7/5, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations for Bougainville - Solomon Islands region.

Table with columns: H1N3, H1N2, TG, SONM, MKAR, ZALV. Includes station names and coordinates.

AUST 21 02:53:20.9.1.1.60S:0.07:149.49E:0.08, h63km, 11km, mb4.2/14, Error ellipse: s-maj=15.2km, s-min=7.8km az=36.3

ICC 21 02:53:21.0.0.9.610S:149.63E, h48km, 8km, mb3.9/11, mb1.4/1/13, mb1mx4.1/17, mbtmp4.0/13, MS3.2/1, Ms1 3.2/1, ms1mx2.9/16, Error ellipse: s-maj=19.5km, s-min=10.7km az=115.0

NEIC 21 02:53:20.6.0.4.610S:149.64E, mb4.5/7, Error ellipse: s-maj=11.6km, s-min=7.7km az=110.0

ISC 21 02:53:21.5.0.8.610S:0.09:149.49E:0.09, h53km, 6km, h53km; P, n02, az=143/79, mb4.2/14, New Britain region

Main table for 2009 NOV, columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations and their associated data.

BUI 21 02:58:45.6.51.40N:178.70E, h39km, mb4.9/11, mb4.7/16, Ms4.3/4, Ms7.4/4

ISCJB 21 02:58:48.0.4.51.44N:0.06:178.80E:0.03, h59km, 3km, mb4.4/61, MS3.9/2, Error ellipse: s-maj=8.0E, s-min=9.6km

NEIC 21 02:58:47.9.0.3.51.46N:178.67E, mb4.5/36, ML3.9(AE/C), Error ellipse: s-maj=8.5km, s-min=3.7km az=176.0

ICC 21 02:58:48.5.0.8.51.52N:178.94E, h50km, 6km, mb3.9/20, mb1.4/1/22, mb1mx4.0/31, mbtmp3.9/22, MS3.0/1, Ms1 3.0/1, ms1mx2.7/33, Error ellipse: s-maj=17.2km, s-min=8.7km az=4.0

ISC 21 02:58:47.7.0.4.51.40N:0.08:178.81E:0.03, h41km, 2km, h41km; P, n268, az=11/308, mb4.5/61, 60C-74D, Rat Islands

Main table for 2009 NOV, columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations and their associated data.

21d 3h

2009 NOV

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Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, HVU, BG2A, R11A, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like W25A, SPMM, 320A, 221A, etc.

Table with columns: Station ID, Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SCHO, 530A, 431A, 531A, etc.



Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like Nemuro 2, Uragawa-nobuka, Uglegorsk, Erimo, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like EKMUR, SKR, CN2, PEAOB, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SONM, ZAK, WHN, ADK, XAN, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., eP, pP, mP, S, P, dBm, SNR).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., eP, pP, mP, S, P, dBm, SNR).

Table with columns for station call letters, frequency, name, and various signal quality metrics (e.g., eP, pP, mP, S, P, dBm, SNR).

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KIV, KBZ, FCC, DUS, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ASAR, D21A, H17A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KWP, W21A, etc.



Table with columns for race number, horse name, jockey, trainer, and performance data. Races include Y20A Horse Springs, O31A Wooten Ranch, MCH1 Michaelchurch, UPM Unac-Piva, P30A Selder, PVY Plav, MONM Monmouth, T26A Comanche Natio, SWN1 Swindon, HMNX Herstmonceux, WLS Weisbroch, FETA Feichten, Q29A Oakley, R28A Tribout, LPW Lampeter, WOL Wolverton, CDF Champ du Feu, CDF Champ du Feu, CDF Champ du Feu, ANMO Albuquerque, UDBI Udbina, W23A Werner Place, NKY Niksie, U25A Circle Dot Ran, Y21A Point of Rocks, X22A Bernardo, LAZ Lador, V24A Rampart Ranch, NKME Niksie, BATH Bath, ECH Echery, ECH Echery, FELD Feldberg im Sc, GRAY Grato, Z20A Nine Sixteen R, R29A Marienthal, P31A Stockton, Q30A Quinter, TTG Podgorica, PAGF Fort de Pagny, PAGF Fort de Pagny, V25A Rancho No Teng, NVLJ Novalja, LPM Los Pinos Moun, W24A Lazy B Ranch, U26A Atchley Ranch, BIA Bitola, T27A Campo, S28A Manter, MOF Molkenrain, Y22A Brajici-Budva, BNM Barren Site, P32A Huiting Farm, THEF They Montfort, HCY Hercz Novi, STON Ston, Z21A St. Cloud Mine, 120A U Bar Ranch, MEZF Maizieres J'vi, MEZF Maizieres J'vi, HINF Hinteralfer, HINF Hinteralfer, HINF Hinteralfer, HAU Haudompre, HAU Haudompre, ULC Ucinj, Q31A Ellis, R30A Dighton, HEX Exmoor, TIR Tirane, TIR Tirane, TIR Tirane, S29A Ulysses, V26A Tequesquite Ra, SFTF Sextontaines, SFTF Sextontaines, U27A Thompson Grove, X24A Lazy VL Ranch, TUE Stuetta, W25A X Bar L Ranch, Z22A Elephant Butte, Y23A Lovelace Mesa, LOMP Lomont, Q32A Metter Ranch, 319A Douglas

Table with columns for race number, horse name, jockey, trainer, and performance data. Races include 121A Cookes Peak, T29A Hugoton, P33A Williams Farm, R31A Burdett, Z20A Playas Fk, S30A Montezuma, U28A Mallet, X25A Clemmons Ranch, Y24A Capitan, V27A Dan Oppiter Fa, W26A Owens Ranch, Q33A Connelly Farm, 122A Conniff Cattle, Z33A Rita Site, R32A Long Quarter, DYA Yadsworthy, DYA Yadsworthy, 221A Mesquite Ranch, 320A Kipp Ranch, T30A Plains, U29A Oasis Ranch, S31A Mullinville, V28A Channing, Y25A Mies Roswell, X26A CR and CF Fran, W27A Boy Ranch, 222A Williams Famil, Z44 Sheeppen Canyo, R33A Olander Ranch, 123A Bell Site, KSU1 Kansas State U, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, U30A WK&E Inc. Balk, OG01 Vacherece, T31A Randall Ranch, V29A Stinnett, FLN La Foliniere, FLN La Foliniere, FLN La Foliniere, FLN La Foliniere, LOR Lormes, LOR Lormes, X27A F and S Farms, W28A Vega, LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, LDF La Druitiere, JSA Saint Aubin, Y26A Elida, Z25A Roswell, 124A Stringfield Ra, T32A Huedler Ranch, SSF Saint Saugle, SSF Saint Saugle, SSF Saint Saugle, SSF Saint Saugle, U31A Nine Bar Ranch, HYF Humbligny, HYF Humbligny, VLC Villacollemand, W29A Amarillo, GRR Gorron, GRR Gorron, RSL Roselend, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, SMF Signal de Mont, Y27A Cause, LPL La Plagne, LPL La Plagne, LPL La Plagne, LPL La Plagne, Z26A Caprock, AMTX Amarillo, LPG La Plagne, LPG La Plagne, LPG La Plagne, LPG La Plagne, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, AVF Avril sur Loir, X28A Dimmitt, Z24A Cornudas Mount, 125A Gardner Draw, MSTX Muleshoe

Table with columns for race number, horse name, jockey, trainer, and performance data. Races include MSTX Muleshoe, AQU L'Aquila, U32A Winter Ranch, V31A Spring Creek, X29A Tulla, BGF Bois d'Agland, BGF Bois d'Agland, BGF Bois d'Agland, Z27A Tatum, MNXT Cornudas Mount, Z25A Deer Hill, BNI Bardonecchia, BNI Bardonecchia, SGMF Saint Gilles, SGMF Saint Gilles, SGMF Saint Gilles, Y28A McKinney Farm, 126A Clayton Basin, OG22 Abries, 324A Moseley Ranch, ROSF Rostrene, ROSF Rostrene, ROSF Rostrene, GDL2 Guadalupe Moun, U33A Lingo Farm, PLDF La Plantade, MBDF Montbardon, MBDF Montbardon, MBDF Montbardon, MBDF Montbardon, W31A Holland Ranch, V32A Arapaho, AGO Saint Agoulin, X30A Coker Ranch, 127A Arkansas Junct, Y29A Porterfield Fa, 226B Tecolote Peak, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, TCF Toulx Ste Croi, TCF Toulx Ste Croi, TCF Toulx Ste Croi, TCF Toulx Ste Croi, Z28A Tucker Farm, U34A Anderson Ranch, QUIF Quistinic, QUIF Quistinic, QUIF Quistinic, QUIF Quistinic, SSB Saint Sauveur, SSB Saint Sauveur, SSB Saint Sauveur, V33A Lossen Ranch, PYM Petit Puy Mans, W32A Sentinel, X31A McDonald Ranch, CUC Castrocucco, TOUT Mout Tournerai, SBF Sospel, SBF Sospel, SBF Sospel, LUCF Luceran, Z29A Hungry Hill Ra, MVIF Neval, MFF Saint Martin, MFF Saint Martin, MFF Saint Martin, MFF Saint Martin, V34A Guthrie, W33A Caddo, Fort Co, Y31A Rekieta Farm, CALN Caern, 326A Caldwell Ranch, Z30A Sanderson Ranc, X32A Elmer, WMOK Wichita Mounta, WMOK Wichita Mounta



Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes entries like 228A UT Block 9, Go, 327A Balmorhea Ranch, etc.

Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes entries like MSL Moulis, ACSO Alum Creek Sta, 333A Richard Spring, etc.

Table with columns: Call Sign, Location, Azimuth, Elevation, Frequency, Power, and other technical details. Includes entries like LNSS L'Aquila, AQU L'Aquila, AQU L'Aquila, etc.

BUJ 21 04:28:56.3, 11:25'S:119:27'E, h30km, mB5.1/18, mb4.9/32, Ms4.7/9, Ms7.4/4/9
IDC 21 04:28:59.5, 0.5, 10.43'S:118:98'E, h0km, mb4.4/16, mb1.4/5/18, mb1mx4.4/22, mbmt4.5/18, ML4.4/2, MS3.7/9, MS1.3/7.9, ms1mx3.4/26, Error ellipse: s-maj=23.9km s-min=12.3km az=71.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Phase ID, Time, Res, and other technical details. Includes entries like WSI Waingapu, WSI Waingapu, WSI Waingapu, etc.

21d 6h

Table of astronomical observations for 21 days and 6 hours, listing station names, coordinates, and observation times.

2009 NOV

Table of astronomical observations for November 2009, listing station names, coordinates, and observation times.

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Table of astronomical observations for 792, listing station names, coordinates, and observation times.



Table listing astronomical observations for 21d 7h, including codes, station names, times, and residuals. Includes entries for Keskin Array B, Ojcow, Boulder Array, Pinedale Array, Moravsky Berou, etc.

Table listing astronomical observations for 21d 06:40:29.5, including codes, station names, times, and residuals. Includes entries for Keskin Array B, Ojcow, Boulder Array, etc.

Table listing astronomical observations for WEL 21 06:44:32.4, including codes, station names, times, and residuals. Includes entries for Keskin Array B, Ojcow, Boulder Array, etc.

Table listing astronomical observations for 21d 06:45:57, including codes, station names, times, and residuals. Includes entries for TUZ, APZ, SVZ, etc.

Table listing astronomical observations for 21d 06:45:57, including codes, station names, times, and residuals. Includes entries for IDC 21 06:45:57, mb1 4.3/10, etc.

Table listing astronomical observations for 21d 06:45:57, including codes, station names, times, and residuals. Includes entries for Code, Station Name, Phase ID, Time, Res, etc.

Table listing astronomical observations for 21d 07:07:13, including codes, station names, times, and residuals. Includes entries for Code, Station Name, Phase ID, Time, Res, etc.

Table listing astronomical observations for 21d 07:07:13, including codes, station names, times, and residuals. Includes entries for IDC 21 07:07:13, mb1 4.3/10, etc.

Table listing astronomical observations for 21d 07:07:13, including codes, station names, times, and residuals. Includes entries for Code, Station Name, Phase ID, Time, Res, etc.

Table listing astronomical observations for 21d 07:12:21, including codes, station names, times, and residuals. Includes entries for MBWA, KNRA, MTN, GIRL, etc.

Table listing astronomical observations for 21d 07:12:21, including codes, station names, times, and residuals. Includes entries for Code, Station Name, Phase ID, Time, Res, etc.

Table listing astronomical observations for 21d 07:12:21, including codes, station names, times, and residuals. Includes entries for NNC 21 07:12:21, mb1 4.3/10, etc.

Table listing astronomical observations for 21d 07:28:52, including codes, station names, times, and residuals. Includes entries for Code, Station Name, Phase ID, Time, Res, etc.



21d 8h

Table with columns: Code, Station Name, Az, El, P, S, Sn, Ssn, Pmax, Time, Res, ISC. Rows include stations like CHIANG MAI, CHIANG MAI ARR, CHIANG MAI ARR, etc.

2009 NOV

Table with columns: Code, Station Name, Az, El, P, S, Sn, Ssn, Pmax, Time, Res, ISC. Rows include stations like ARTI, ARTI, ARTI, etc.

796

Table with columns: Code, Station Name, Az, El, P, S, Sn, Ssn, Pmax, Time, Res, ISC. Rows include stations like BLACK HILLS, BLACK HILLS, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 797-915.

Main table with columns: Code, Station Name, Frequency, Power, Modulation, and other technical details for stations 915-975.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details for stations 975-1000.

21d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNZO, RITZ, TWVZ, WHZZ, RATZ, etc.

ICD 21 10:44:29.0, 15.07S: 173.69W, h0km, mb4.1/11, mb1 4.3/11, mb1mx3.8/11, mbtmp4.1/11, MS3.4/9, Ms1 3.5/9, ms1mx3.3/17, Error ellipse: s-maj=35.9km s-min=16.2km az=141.0

ISCBJ 21 10:44:32.5, 0.7, 15.05S: 0.2, 173.8W, 0.2, h30km, mb4.0/10, MS3.6/5, Error ellipse: s-maj=29.2km s-min=13.4km az=141.4

ISC 21 10:44:34.2, 0.9, 15.15S: 0.2, 173.7W, 0.2, h30km, n24, 0.698/15, mb4.2/10, MS3.5/6, Tonga Islands

Main table for 21d 13h section, listing stations like AFI, RAR, RAO, DZM, etc. with their respective codes and coordinates.

KRSC 21 10:48:14.4, 1.3, 55.01N: 165.70E, h36km, 43km, ML3.7, Komandorsky Islands region

Table for Komandorsky Islands region, listing stations like BKI, KBTR, MKZ, etc.

ICD 21 10:48:49.2, 0.2, 83N: 94.14E, h0km, mb3.7/5, mb1 3.9/7, mb1mx3.7/26, mbtmp3.8/7, ML3.9/2, Error ellipse: s-maj=63.4km s-min=20.6km az=57.0

ISCBJ 21 10:48:50.1, 1.2, 9.9N: 0.1, 94.20E: 0.10, h18km, mb3.8/5, BKI, Error ellipse: s-maj=21.8km s-min=10.9km az=28.2

ISC 21 10:48:51.9, 1.7, 2.9N: 0.2, 94.2E: 0.1, h18km, n14, 0.626/8, mb3.8/5, Off west coast of northern Sumatra

Table for Komandorsky Islands region, listing stations like PSI, CMAR, etc.

2009 NOV

Table for 2009 NOV section, listing stations like H0S2, H0S3, H0S1, etc.

ICD 21 10:55:15.1, 1.8, 2.89S: 140.01E, h0km, mb4.0/3, mb1 4.3/4, mb1mx3.8/14, mbtmp4.1/4, ML4.2/1, MS3.2/2, Ms1 3.2/2, ms1mx2.6/24, Error ellipse: s-maj=136.8km s-min=26.0km az=105.0, Near north coast of Irian Jaya

Table for Irian Jaya region, listing stations like WRA, FITZ, ASAR, etc.

CASC 21 11:59:09.5, 8.4, 11.85N: 86.98W, h19km, 53km, MD3.8, 1D, Near coast of Nicaragua

Main table for 2009 NOV section, listing stations like CNCH, GBS2, GBS3, etc.

DJA 21 12:05:16.1, 1.0, 9.9S: 16.11E, h112km, 12km, M3.8/3, ML3.8/3, Sumbawa region

Table for Sumbawa region, listing stations like TWSI, MTNI, etc.

ISCBJ 21 12:23:33.9, 1.2, 6.4S: 0.1, 128.4E: 0.2, h334km, mb3.2/1, Error ellipse: s-maj=25.8km s-min=13.9km az=156.6

ICD 21 12:23:36.0, 4.3, 6.41S: 128.25E, h339km, 45km, mb2.6/1, mb1 2.9/4, mb1mx2.7/17, mbtmp2.7/4, Error ellipse: s-maj=73.4km s-min=14.5km az=68.0

AUST 21 12:24:04.7, 0.0, 9.34S: 129.57E, h444km, Error ellipse: s-maj=11.8km s-min=1.3km az=315.0

ISC 21 12:23:36.4, 1.2, 6.42S: 0.09, 128.4E: 0.1, h334km, n10, 0.197/13, Banda Sea

Main table for 2009 NOV section, listing stations like BNDI, KDU, KNRA, etc.

ICD 21 12:37:10.6, 1.2, 2.76S: 139.19E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/15, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=54.1km s-min=23.1km az=99.0

AUST 21 12:37:14.1, 6.0, 2.98S: 139.12E, h0km, Error ellipse: s-maj=1.6km s-min=1.0km az=344.0

ISCBJ 21 12:37:15.9, 0.8, 2.94S: 0.09, 139.13E: 0.09, h46km, mb3.7/4, Error ellipse: s-maj=14.8km s-min=10.7km az=137.5

ISC 21 12:37:17.4, 0.9, 3.01S: 0.10, 139.25E: 0.08, h46km, n14, 0.247/13, mb3.8/4, Irian Jaya

Table for Irian Jaya region, listing stations like JAY, FAKI, etc.

798

Table for 798 section, listing stations like KDU, MTN, MTSU, etc.

ICD 21 12:38:41.1, 0.7, 14.77N: 125.16E, h0km, mb4.1/16, mb1 4.2/17, mb1mx4.1/26, mbtmp4.1/17, ML3.6/1, MS3.4/10, Ms1 3.5/10, ms1mx3.2/31, Error ellipse: s-maj=21.8km s-min=13.1km az=82.0

MAN 21 12:38:43, 14.89N, 125.18E, h69km, mb5.0, ML3.9, MS4.0, ISCBJ 21 12:38:44, 3.0, 4.14N: 0.04, 125.17E: 0.04, h33km, mb4.1/17, MS3.3/9, Error ellipse: s-maj=6.3km s-min=5.1km az=169.1

ISC 21 12:39:46.1, 0.6, 14.33N: 0.05, 125.18E: 0.07, h35km, n52, 1.870/17, mb4.2/17, MS3.4/9, SC-2D, Philippine Islands

Main table for 798 section, listing stations like GQP, GQP, GQP, etc.

CASC 21 11:59:09.5, 8.4, 11.85N: 86.98W, h19km, 53km, MD3.8, 1D, Near coast of Nicaragua

Main table for 798 section, listing stations like CVP, MSLP, BCPH, etc.

DJA 21 12:05:16.1, 1.0, 9.9S: 16.11E, h112km, 12km, M3.8/3, ML3.8/3, Sumbawa region

Table for Sumbawa region, listing stations like TWSI, MTNI, etc.

ISCBJ 21 12:23:33.9, 1.2, 6.4S: 0.1, 128.4E: 0.2, h334km, mb3.2/1, Error ellipse: s-maj=25.8km s-min=13.9km az=156.6

ICD 21 12:23:36.0, 4.3, 6.41S: 128.25E, h339km, 45km, mb2.6/1, mb1 2.9/4, mb1mx2.7/17, mbtmp2.7/4, Error ellipse: s-maj=73.4km s-min=14.5km az=68.0

AUST 21 12:24:04.7, 0.0, 9.34S: 129.57E, h444km, Error ellipse: s-maj=11.8km s-min=1.3km az=315.0

ISC 21 12:23:36.4, 1.2, 6.42S: 0.09, 128.4E: 0.1, h334km, n10, 0.197/13, Banda Sea

Main table for 798 section, listing stations like BNDI, KDU, KNRA, etc.

ICD 21 12:37:10.6, 1.2, 2.76S: 139.19E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/15, mbtmp3.8/6, ML3.9/1, Error ellipse: s-maj=54.1km s-min=23.1km az=99.0

AUST 21 12:37:14.1, 6.0, 2.98S: 139.12E, h0km, Error ellipse: s-maj=1.6km s-min=1.0km az=344.0

ISCBJ 21 12:37:15.9, 0.8, 2.94S: 0.09, 139.13E: 0.09, h46km, mb3.7/4, Error ellipse: s-maj=14.8km s-min=10.7km az=137.5

ISC 21 12:37:17.4, 0.9, 3.01S: 0.10, 139.25E: 0.08, h46km, n14, 0.247/13, mb3.8/4, Irian Jaya

Table for Irian Jaya region, listing stations like JAY, FAKI, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Magazine Ridge, Okmok Mt, Okmok Cone, Nikolski High, etc.

13:16:16.2±0.9, 14.76N:125.22E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.9/22, mbtmp3.9/10, Error ellipse: s-maj=44.5km s-min=15.4km az=70.0

13:16:19.3±0.7, 14.77N:0.1x125.1E±0.2, h33km, mb3.8/10, Error ellipse: s-maj=24.4km s-min=10.0km az=145.7

13:17:06, 16.93N:122.30E, h0km, mb4.5, ML3.4, MS3.3, Error ellipse: s-maj=20.8km s-min=11.8km az=14.0

13:16:21.2±0.9, 14.82N:0.1x125.1E±0.2, h35km, n14, h094/14, mb3.9/10, Phillipine Islands region

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

13:26:35.7±0.4, 36.43N:0.03±69.45E±0.05, h150km, mb3.6/12, Error ellipse: s-maj=6.7km s-min=3.3km az=148.2

13:26:38.9±3.2, 36.36N:69.54E, h181km, mb3.0km, mb3.4/13, mb1 3.6/18, mb1mx3.5/31, mbtmp3.5/18, Error ellipse: s-maj=20.8km s-min=11.8km az=14.0

13:26:42.8±2.6, 36.91N:69.41E, h164km±27km, mb3.3, mpv3.9, Error ellipse: s-maj=21.5km s-min=13.1km az=18.0

13:26:36.6±0.7, 36.41N:0.06±69.51E±0.07, h150km, n59, h1564/59, mb3.6/12, 6C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cherat, Thamme Wali, Chirah Chowk, etc.

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

13:33:44.0±0.7, 6.9N:0.1x73.0W±0.1, h157km±10km, mb3.2/3, Error ellipse: s-maj=26.9km s-min=7.8km az=136.0

13:33:44.7±4.7, 6.71N:72.93W, h162km, 33km, mb3.0/3, mb1 3.4/4, mb1mx3.1/22, mbtmp3.0/4, Error ellipse: s-maj=76.3km s-min=29.2km az=84.0

13:33:47.5±6.60N:72.74W, h12km, MW3.0, FUNUV 21 13:33:47.5±6.60N:72.74W, h12km, MW3.0

13:33:44.8±1.0, 6.79N:0.09±72.89W±0.08, h144km±9km, n11, h199/15, mb3.0/3, Northern Colombia

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

13:52:12.6±6.5, 25.34S:178.40W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/14, mbtmp3.5/2, Error ellipse: s-maj=186.6km s-min=102.4km az=146.0, South of Fiji Islands

13:52:12.6±6.5, 25.34S:178.40W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/14, mbtmp3.5/2, Error ellipse: s-maj=186.6km s-min=102.4km az=146.0, South of Fiji Islands

13:52:12.6±6.5, 25.34S:178.40W, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/14, mbtmp3.5/2, Error ellipse: s-maj=186.6km s-min=102.4km az=146.0, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, Warramunga Arr, FINES, Fines Array B, etc.

14:04:07.2±0.6, 6.0S, 32.72N:0.05±132.01E±0.15, h49km, 5km, mb3.5/5, Error ellipse: s-maj=8.7km s-min=6.0km az=161.1

14:04:07.2±0.6, 6.0S, 32.72N:0.05±132.01E±0.15, h49km, 5km, mb3.5/5, Error ellipse: s-maj=8.7km s-min=6.0km az=161.1

14:04:07.2±0.6, 6.0S, 32.72N:0.05±132.01E±0.15, h49km, 5km, mb3.5/5, Error ellipse: s-maj=8.7km s-min=6.0km az=161.1

14:04:07.2±0.6, 6.0S, 32.72N:0.05±132.01E±0.15, h49km, 5km, mb3.5/5, Error ellipse: s-maj=8.7km s-min=6.0km az=161.1

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

14:27:30.8±5.1, 14.338N:174.03W, h0km, mb3.4/3, mb1 3.5/6, mb1mx3.5/16, mbtmp3.4/3, Error ellipse: s-maj=24.2km s-min=35.4km az=140.0, Samoa Islands region

14:27:30.8±5.1, 14.338N:174.03W, h0km, mb3.4/3, mb1 3.5/6, mb1mx3.5/16, mbtmp3.4/3, Error ellipse: s-maj=24.2km s-min=35.4km az=140.0, Samoa Islands region

14:27:30.8±5.1, 14.338N:174.03W, h0km, mb3.4/3, mb1 3.5/6, mb1mx3.5/16, mbtmp3.4/3, Error ellipse: s-maj=24.2km s-min=35.4km az=140.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI, Afiamalu, H1S2, WAKE ISLAND HY, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy 40.28 330 T, H1N2 WAKE ISLAND Hy 40.29 330 T, WRA Warramunga Arr 50.06 257 P.

IDC 21 14:37:35.7±1.2, 28.56S±25.67W, h0km, mb3.9/2, mb1 4.1/2, mb1mx3.7/14, mbtmp3.9/2, Error ellipse: s-maj=78.5km s-min=32.8km az=94.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VN1 Neumayer-Stat 14.43 156 ePn, VN2 Neumayer-Watz 14.83 156 ePn, VNA Sanae 16.38 154 ePn.

JMA 21 14:47:47.8±0.3, 44.68N±139.67E, h10km±4km, M3.8, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JRR Yagishiri 1.25 68 P, JYG Yagishiri 1.28 101 P, JSK Shakotan 1.45 156 P.

MEX 21 14:53:32.0±0.7, 16.78N±94.91W, h172km±15km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HUIG Huatulco 1.53 229 eP, HUIG Vista Hermosa 1.77 280 eP, VHO Vista Hermosa 1.77 280 eP.

IDC 21 15:12:31.6±1.3, 22.23S±175.29W, h0km, mb4.0/5, mb1 4.2/5, mb1mx3.8/18, mbtmp4.0/5, Error ellipse: s-maj=58.9km s-min=29.3km az=157.0

ISC 21 15:12:36.2±1.6, 20.93S±174.39W±0.3, h66km±9, ±1533/8, mb4.1/5, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CTA Charters Tower 36.30 264 P, ASAR Alice Springs 47.21 257 P, ASAR Alice Springs 47.21 257 P.

MEX 21 15:30:02.4±0.5, 18.35N±102.59W, h7km±5km, MD3.7, Michoacan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MMIG Aquila 0.72 265 eP, ZIIG Zihuatanejo 1.30 124 eP, ZIIG Zihuatanejo 1.30 124 eP.

IDC 21 15:32:17.1±1.2, 28.68N±105.15E, h0km, mb3.5/4, mb1 3.5/6, mb1mx3.3/26, mbtmp3.3/6, ML3.2/2, Error ellipse: s-maj=51.7km s-min=21.3km az=69.0

ISCJB 21 15:32:18.2±0.7, 28.72N±106.105±0E±0.1, h19km, mb3.4/4, Error ellipse: s-maj=15.9km s-min=7.5km az=102.2

BUI 21 15:32:19.9±28.79N±105.05E, h5km, ML3.2/11, ISC 21 15:32:19.6±0.8, 28.71N±104.105±1E±0.08, h19km±9, ±1841/15, mb3.5/4, Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CD2 Chengdu 2.48 332 P, GYIA Guiyang 2.63 148 P, GYIA Guiyang 2.63 148 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr 11.66 210 Pn, CMAR Chiang Mai Arr 11.66 210 Pn, CMAR Chiang Mai Arr 11.66 210 Pn.

IDC 21 15:50:50.9±1.4, 39.50N±74.77E, h0km, mb3.6/2, mb1 3.5/4, mb1mx3.2/28, mbtmp3.3/4, ML2.6/2, Error ellipse: s-maj=34.3km s-min=17.3km az=87.0

ISCJB 21 15:50:55.5±1.1, 39.40N±074.74E±0.1, h40km, mb3.6/2, Error ellipse: s-maj=12.6km s-min=10.6km az=77.7

NVC 21 15:50:55.2±1.9, 39.62N±74.26E, h1km±9km, mb3.5, mpv3.1, Error ellipse: s-maj=16.7km s-min=8.0km az=174.0

ISC 21 15:50:55.9±1.7, 39.3N±01:174.30E±0.10, h40km±16, ±075/16, 5C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AML Almayashu 2.84 351 P, KZA Kyzart 2.84 14 P, ULHL Ulahol 3.27 26 P.

RSRP 21 16:00:02.5, 17.93N±66.95W, h12km, MD2.1/4, 5C, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu 0.08 521 eP, GBPR Guanica, Bosqu 0.08 521 eP, GBPR Cabo Rojo, PR 0.17 297 eP.

ISCJB 21 16:01:24.8±0.2, 10.82N±02.6246W±0.02, h83km±3km, mb4.0/21, Error ellipse: s-maj=4.2km s-min=2.9km az=136.3

IDC 21 16:01:24.2±0.8, 10.63N±62.63W, h77km±6km, mb3.8/19, mb1 4.0/19, mb1mx3.9/27, mbtmp3.8/19, MS3.0/3, Ms1 3.0/3, Ms1mx2.7/28, Error ellipse: s-maj=17.8km s-min=14.0km az=168.0

TRN 21 16:01:27.4, 10.85N±62.33W, h82km, MD4.1, FUNV 21 16:01:27.7, 10.71N±62.39W, h59km, MW4.6

ISC 21 16:01:25.0±0.6, 10.81N±03.6246W±0.03, h79km±5km, n9±1, v556/116, mb4.1/21, 4C-9D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUVI Guiría 0.28 1241 eP, GUVI Guiría 0.28 1241 eP, GUVI Guiría 0.28 1241 eP.

IDC 21 16:05:58.4±1.9, 10.77S±118.65E, h0km, mb3.7/4, mb1 3.7/7, mb1mx3.6/17, mbtmp3.6/17, ML3.3/3, MS3.5/1, Ms1 3.5/1, mb1mx2.6/24, Error ellipse: s-maj=69.4km s-min=25.6km az=119.0

AUST 21 16:06:00.2±99.0, 10.70S±118.75E, h1km, Error ellipse: s-maj=1.3km s-min=1.1km az=28.0

ISCJB 21 16:06:02.0±0.6, 10.78S±0.05±118.75E±0.05, h41km, mb3.8/4, MS3.5/1, Error ellipse: s-maj=7.7km s-min=6.6km az=160.3

DJA 21 16:06:06.7±0.9, 11.5±8.119E±1, h61km±14km, M4.1/7, mb4.2/3, mb4.7/1, MLV4.1/7, MW(B)4.0/1

ISC 21 16:06:04.2±0.8, 10.70S±0.07±118.80E±0.05, h41km±25, ±1955/23, mb3.8/4, South of Sumbawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBSI Waikabubak Su 1.20 29 P, WSI Waingapu Su 1.79 55 P, WSI Waingapu Su 1.79 55 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FUNV FUNVISIS 4.29 2661 eP, TGG Guadaloupe-3 5.08 9 eP, TGG Marie-Galante 5.20 12 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TSNV Terapaino 6.68 263 eP, TSNV Sanpita 7.09 260 eP, MONV Montecano 7.45 260 eP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SOCV Socops 8.65 254 eP, CAPV Capacho 11.15 254 eP, JNTS JuntasAbangare 20.12 271 LR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H10N3 ASCENSION HYDR51.20 109 T, H10N2 ASCENSION HYDR51.21 109 T, H10N1 ASCENSION HYDR51.22 109 T.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array 51.79 317 P, PDAR Pinedale Array 51.79 317 P, PDAR Pinedale Array 51.79 317 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr 63.58 336 P, KEST Kesra 69.03 52 P, NB2 NORSTAR Subarra 72.71 29 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HFS Hagfors 73.80 30 P, HFS Hagfors 73.80 30 P, HFS Hagfors 73.80 30 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AKASE Malin Array Be 82.80 40 P, BRTR Keskin Array B 87.82 50 P, MKAR Makanchi Array 114.58 26 PKP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA Stephens Creek 149.45 223 PKP, ASAR Alice Springs 159.84 229 PKP, WRA Warramunga Arr 161.44 239 PKP.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBSI Waikabubak Su 1.20 29 P, WSI Waingapu Su 1.79 55 P, WSI Waingapu Su 1.79 55 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WBSI Waikabubak Su 1.20 29 P, WSI Waingapu Su 1.79 55 P, WSI Waingapu Su 1.79 55 P.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BNSI Bone, SPSI Sidrap, FITZ Fitzroy Crossi, etc.

ISCJB 21 16:08:49.0, 1.6, 17:92S, 178.04W, h590km, mb3.6/10, Error ellipse: s-maj=24.0km s-min=9.4km az=148.1

IDC 21 16:08:50.8, 1.6, 17:92S, 178.04W, h592km, 19km, mb3.2/10, mb1 3.5/12, mb1 mx3.3/19, mbtmp3.2/12, Error ellipse: s-maj=24.0km s-min=10.8km az=148.0

AUST 21 16:08:49.0, 1.6, 17:92S, 178.04W, h590km, n41, c136/44, mb3.7/10, 6C-5D, Fiji Islands region

Main table for station 801, listing various stations like AFI Afiamalu, DZM Mont Dumac, URM Urewera, etc., with their respective coordinates and phases.

NIED 21 16:22:00, 37.00N, 142.00E, h29km, Mw3.8 Best double couple: Ms=25000x10^14 NP1=31.00000, delta 80.00000, 1.94, 0.00000, NP2=188.00000, delta 10.00000, 1.67, 0.00000

IDC 21 16:22:02.4, 1.3, 37.01N, 142.19E, h0km, mb3.6/4, mb1 3.7/7, mb1mx3.5/26, mbtmp3.6/7, ML3.0/2, MS3.2/3, Ms=13.3/3, ms1mx2.6/37, Error ellipse: s-maj=32.7km s-min=25.4km az=99.0

ISCJB 21 16:22:05.9, 0.2, 37.05N, 141.96E, h44km, 4km, M3.6 az=39.0

JMA 21 16:22:05.9, 0.2, 37.05N, 141.96E, h44km, 4km, M3.6

ISC 21 16:22:03.8, 2.2, 37.06N, 141.96E, 0.07, h8km, 13km, n26, c152/31, mb3.6/4, 2D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MAT Matsushiro, ASAJ Asahikawa, ASAJ Ussuriysk Arra, etc.

AUST 21 16:27:35.9, 6.9, 2.31S, 140.14E, h11km, 1km, Error ellipse: s-maj=3.1km s-min=1.1km az=15.0

IDC 21 16:27:38.5, 1.0, 2.83S, 140.28E, h0km, mb3.8/7, mb1 4.0/9, mb1mx3.8/18, mbtmp4.0/9, ML3.8/2, MS3.4/2, Ms1 3.4/2, ms1mx2.9/24, Error ellipse: s-maj=28.6km s-min=21.3km az=84.0

ISCJB 21 16:27:41.5, 0.8, 2.83S, 140.29E, 0.08, h33km, mb3.6/5, MS3.3/2, Error ellipse: s-maj=12.3km s-min=11.1km az=137.5

ISC 21 16:27:43.7, 0.8, 2.86S, 140.2E, 0.1, h35km, n26, mb3.2/10, mb3.7/5, Near east coast of Irian Jaya

Main table for station 802, listing various stations like FAKI Fak Fak, PMG Port Moresby, COEN Coen, etc., with their respective coordinates and phases.

IDC 21 16:57:57.1, 8.2, 15.61S, 172.83W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/18, mbtmp3.3/2, Error ellipse: s-maj=345.5km s-min=26.9km az=137.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, H1S2 WAKE ISLAND Hy, etc.

IDC 21 17:02:26.4, 10.0, 15.41S, 172.91W, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.5/18, mbtmp3.3/3, Error ellipse: s-maj=459.8km s-min=25.0km az=139.0, Samoa Islands

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

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

MEX 21 17:21:25.8, 0.9, 16.51N, 95.85W, h14km, 14km, MD3.8, Oaxaca

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

NIED 21 17:27:00, 24.40N, 121.90E, h65km, Mw4.5 Best double couple: Ms=34000x10^15 NP1=75.00000, delta 63.00000, 7.66, 0.00000, NP2=299.00000, delta 36.00000, 1.28, 0.00000

MOS 21 17:27:44.5, 1.0, 24.29N, 121.95E, h33km, mb4.9/25, Error ellipse: s-maj=12.3km s-min=7.1km az=126.1

NEIC 21 17:27:50.0, 3.0, 24.19N, 121.88E, h72km, 3km, mb4.5/23, Error ellipse: s-maj=6.2km s-min=5.2km az=115.0

NEIC Felt at Hsin-chu. Recorded [3 TAP] in Huan-lien and Han; [2 TAP] in Hsin-chu, Nan-tou, Tai-chung and Tai-yung; [1 TAP] in Chang-hua, Chia-i, Miaoli, Tai-pei, Tao-yuan and Yun-lin.

IDC 21 17:27:50.0, 2.9, 24.24N, 121.93E, h73km, 7km, mb3.9/18, mb1 4.1/18, mb1mx4.0/27, mbtmp3.9/18, MS3.4/11, Ms1 3.4/11, ms1mx3.2/45, Error ellipse: s-maj=17.9km s-min=12.6km az=69.0

BUI 21 17:27:50.0, 2.4, 24.30N, 121.68E, h70km, mb4.7/25, mb4.4/34, UTM 42Q 22, Ms 7.9/16

ISCJB 21 17:27:50.1, 0.1, 24.22N, 121.82E, 0.02, h80km, 1km, mb4.3/50, 9.0, 24.19N, 121.88E, h72km, 3km, mb4.5/23, Error ellipse: s-maj=2.7km s-min=1.9km az=137.2

TAP 21 17:27:51.3, 2.4, 24.22N, 121.76E, h67km, ML5.0, B

JMA 21 17:27:51.7, 0.2, 24.36N, 121.86E, h81km, 3km, M4.5

ISC 21 17:27:50.6, 0.4, 24.20N, 121.83E, 0.02, h73km, 2km, h72km, pp-P, n250, c138/346, mb4.4/52, 42C-10D, Taiwan

Main table for station 803, listing various stations like EHP Heping Village, NACB Ninganchiao, ENA Nanau, etc., with their respective coordinates and phases.



Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like WAKE ISLAND, KURCHATOV, KARATAY ARR, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MUSUN, BUTAN, ASCENSION HYDRA, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AFIAMALU, WARRAMUNGA ARR, BULUKUMBA, etc.

MAN 21 17:36:25.570N:126:35E, h50km, mb4.4, ML3.2, MS3.0, ID, Mindanao

MAN 21 17:36:25.570N:126:35E, h50km, mb4.4, ML3.2, MS3.0, ID, Mindanao

MAN 21 17:36:25.570N:126:35E, h50km, mb4.4, ML3.2, MS3.0, ID, Mindanao



Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings like HABR, BMO, 121A, DUG, Y20A, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings like U22A, MCK, MCK, CN2, etc.

Table with columns: Property Name, Address, Price, Status, Date, etc. Includes listings like V26A, H18A, MSTX, etc.

21d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 333A, H22A, D20A, etc.

2009 NOV

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ULM, CFAA, SONM, etc.

806

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ISR, DRGR, GERES, etc.



IDC 21 19:53:11.8.3.2,0.38N,97.47E,h0km,mb3.4/5,mb1 3/6, mb1mx3.4/23,mbtmbp3.4/6,ML3.6/1,MS4.1/1,Ms1 4/1, ms1mx3.0/13,Error ellipse: s-maj=122.3km s-min=21.0km az=60.0

ISCJBJ 21 19:53:14.2.2.2,0.4N,103.97E,0.5,h29km,mb3.4/5, MS4.1/1,Error ellipse: s-maj=76.6km s-min=16.6km az=153.8

ISC 21 19:53:16.8.2.9,0.5N,103.97E,0.6,h29km,mb3.4/5,mb5.5/5,northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, WRA Waramungga Arr, ASAR Alice Springs, SONM Songjiao Array, MKAR Makanchi Array, ZALV Zalevovo Beam, ZALV Zalevovo Beam.

IDC 21 20:17:47.7.4.0,17.96S,178.43W,h590km,4.3km,mb3.3/8, mb1 3/9,mb1mx3.3/12,mbtmbp3.3/9,Error ellipse: s-maj=63.9km s-min=19.1km az=151.0

ISC 21 20:17:46.3.1.3,18.05S,148.47W,0.3,h579km,n28,n0812/7,mb3.7/8,3C-5D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include DZM Wort Dzumac, WRA Waramungga Arr, ASAR Alice Springs, ASAR Alice Springs, NVAR Niua Arr, ILAR Eielson Array, TXAR Lajlitas Array, PDAR Pinedale Array, CMAR Chiang Mai Arr, INK Inuvik, MKAR Makanchi Array, ARCES ARCES Array, FINES FINESS Array B, HFRS Hagfors, BUBR Bucovina Array, BRTR Keskin Array, CFR Caracul, TLB Topalu, CLL Collm, BRG Bergjesshubel, MLR Muntele Rosu, MLR Muntele Rosu, DRGR Arges, GERES GERES Array B, PKSM Moray, ABTA Altaltersbach, DAVOX Davos/Dischmat, TORO Torodi Arr, B.

IDC 21 20:34:18.9.0.5,1.61S,116.24E,h0km,mb4.2/17, mb1 4/18,mb1mx3.3/23,mbtmbp4.2/18,ML4.0/1,MS3.4/7, Ms1 3/47,ms1mx3.2/36,Error ellipse: s-maj=26.9km s-min=12.9km az=60.0

BUI 21 20:34:21.2.1.60S,116.20E,h22km,mb4.3/6 ISCJBJ 21 20:34:23.5.0.5,1.65S,104.116.15E,0.03,h44km,5km, mb4.3/32,MS3.4/5,Error ellipse: s-maj=6.3km s-min=3.4km az=28.0

DJA 21 20:34:24.4.2.2,MS3.7,11.6E,h24km,8km,M4.7/19, mb4.9,mb5.1/6,ML4.7/19,ml(mb)4.4/6 AUST 21 20:34:25.0.5.1,0.68S,116.24E,h38km,Error ellipse: s-maj=1.5km s-min=0.8km az=27.0

NEIC 21 20:34:25.3.0.9,1.66S,116.20E,h44km,8km,mb4.4/15, Error ellipse: s-maj=12.8km s-min=5.8km az=54.0

NEIC Felt [III] at Longjiki.

ISC 21 20:34:24.4.1.2,1.67S,104.116.12E,0.04,h34km,4km, n100,01935/114,mb4.4/32,MS3.4/5,Borneo

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include BKB Balikpapan, BKB BKB, MTKI Muara Teweh, MTKI MTKI, SMK1 Samarinda, SMK1 SMK1, SGKI Sangatta, Kalli, MMSI Mamuju, MMSI MMSI, MMSI Majene, TTSI Tana Toraja, SPSI Sidrap Palu, SPSI Sidrap Palu, BNSI Bone, BNSI Bone, KAPI Kappang, KAPI Kappang, STKI Sintang, BKSI Bulukumba, BKSI Bulukumba, BKSI Bulukumba, APSI Ampana, APSI Ampana, SBUSI Sibit, MRSI Marisa, MRSI Marisa, GRUJ Gresik, KSM Kuching, KSM Kuching, FX1 Atau Island-F, FX1 Atau Island-F.

Main table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include KSM Kuching, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, GTOI Gorontalo, GTOI Gorontalo, NGJI Ngawi, KKM Kota Kinabalu, WSI Waingapu, KPJI Karang Pucung, CISI Cisempet, Garu, PSI Prapat, PSI Prapat, PSI Prapat, MTN Mantau Dam, FITZ Fitzroy Crossi, WRA Waramungga Arr, WRA Waramungga Arr, WRA Waramungga Arr, WRAB Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ENH Enshi, BBDO Buckleboo, HTK Hallett, STKA Stephens Creek, STKA Stephens Creek, LSA Lhasa, LSA Lhasa, BJT Bahai, BJT Bahai, USRK Ussuriysk Arra, ULN Ulaanbaatar, SONM Songjiao Array, SONM Songjiao Array, SONM Songjiao Array, WMQ Wuming, WMQ Wuming, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KARK Karatay Array, KURK Kurchatov, ZALV Zalevovo Beam, ZALV Zalevovo Beam, ZALV Zalevovo Beam, PETK Petropavlovsk, PETK Petropavlovsk, URZ Urewera, BRVK Borovoye, ABKAR Akbul Arakul, TIXI Tiksi, MKBO Kilima Mbogo, MKBO Kilima Mbogo, VNDA Vanda, VNDA Vanda, BRTR Keskin Array, BRTR Keskin Array, QASPA Malin Array, QASPA Malin Array, AKASE Malin Array, AKASE Malin Array, MLR Muntale Rosu, MLR Muntale Rosu, FINES FINESS Array B, FINES FINESS Array B, ARCES ARCES Array B, ARCES ARCES Array B, ILAR Eielson Array, ILAR Eielson Array, ACSO Alan Creek Sta, CPUP Villa Florida, CPUP Villa Florida, ISCJBJ 21 20:35:30.1.2.0,52.6N,0.4x171.4E,0.1,h33km,mb3.7/5, Error ellipse: s-maj=56.3km s-min=9.8km az=176.5

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include PETK Petropavlovsk, PETK Petropavlovsk, ILAR Eielson Array, YKA Yellowknife Arr, TXAR Lajlitas Array, NOA NORRAM Array B, HFS Hares.

ISCJBJ 20 21:01:32.7.0.7,37.86N,0.003z-27.32E,0.05,h9km,8km, Error ellipse: s-maj=7.0km s-min=5.5km az=0.7

DDA 21 20:41:32.9.37.82N-27.29E,h7km,MD2.4 CSEM 21 20:41:33.0.0.4,37.86N-27.34E,h8km,MD2.5,Error ellipse: s-maj=9.8km s-min=6.2km az=78.0

ISK 21 20:41:33.2.37.89N-27.40E,h18km,MD2.5 ISC 21 20:41:32.3.1.0,37.87N,0.003z-27.32E,0.04,h8km,10km, n18,n05529, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include GCAM G?zelcemi?, GCAM G?zelcemi?, GCAM G?zelcemi?, AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, AYDN Tasoluk, AYDN Tasoluk, IZM Izmir, IZM Izmir, IZM Izmir, BLBC Balcova, BLBC Balcova, BOBT Bodrum, AKS Akhisar, AKS Akhisar, DAT Datca, DAT Datca, KULA Kula-Manisa, KULA Kula-Manisa.

IDC 21 20:48:56.5.49.0,15.95S,174.54W,h0km,mb3.8/3, mb1 4.0/3,mb1mx3.6/16,mbtmbp3.8/8,Error ellipse: s-maj=935.0km s-min=171.6km az=37.0,Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include STKA Stephens Creek, WRA Waramungga Arr, ASAR Alice Springs.

IDC 21 20:49:11.6.2.0,10.40S,119.04E,h0km,mb3.7/4, mb1 3.6/7,mb1mx3.5/17,mbtmbp3.5/7,ML3.2/3,Error ellipse: s-maj=79.7km s-min=21.7km az=58.0

ISCJBJ 21 20:49:12.0.0.7,10.86S,118.71E,0.07,h27km, mb3.8/4,Error ellipse: s-maj=10.5km s-min=7.3km az=157.9

DJA 21 20:49:15.8.0.7,10.10S,118.71E,0.07,h27km, ML3.9/6

ISC 21 20:49:14.0.0.9,10.83S,116.88E,0.06,h27km,n14, c250/17,mb3.8/4,South of Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include WBSI Waikabubak, WBSI Waikabubak, WSI Waingapu, LBFI Labuan Bajo, LBFI Labuan Bajo, MMRI Maumere, MMRI Maumere, SRBI Singaraja, JAGI Jajag, Banyuw, BKSI Bulukumba, BKSI Bulukumba, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Waramungga Arr, WRA Waramungga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, USRK Ussuriysk Arr, USRK Ussuriysk Arr, SONM Songjiao Array, MKAR Makanchi Array.

IDC 21 20:53:15.0.999.0,22.35S,30.13E,h0km,Error ellipse: s-maj=785.1km s-min=111.6km az=104.0,South Africa

ISCJBJ 21 21:06:05.0.2.1,33.08N,46.90E,h0km,11km Error ellipse: s-maj=19.6km s-min=12.7km az=26.4

ISC 21 21:06:20.2.3.9,33.29N,45.94E,h0km,mb3.7/5, mb3.7/6,mb1mx3.4/26,mbtmbp3.6/6,ML3.8/1,Error ellipse: s-maj=79.8km s-min=27.4km az=178.0

ISC 21 21:08:18.5.0.3,37.07S,130.129,93E,0.04,h25km, mb3.6/5,Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res. Rows include NSR Nassriya, IKRK Kirkuk, IKRK Kirkuk, IMAI Mount Meron Ar, AKASE Malin Array, BVAR Borovoye Array, KURBB Kurchatov Arr, MKAR Makanchi Array, FINES FINESS Array B.

AUST 21 21:08:16.6.1.9,3.00S,129.88E,h0km,Error ellipse: s-maj=3.0km s-min=0.8km az=245.0

ISCJBJ 21 21:08:18.5.0.3,37.07S,130.129,93E,0.04,h25km, mb3.6/5,Iran-Iraq border region

IDC 21 21:08:23.6,3.8,3.14S;130.01E;h52km,34km,mb3.9/15,mb1.4/17,mb1mx4.0/26,mbttmp4.0/17,ML3.3/3,MS3.2/4,Ms1.3.2/4,ms1mx3.0/25,Error ellipse: s-maj=29.5km, s-min=10.1km az=70.0

ISC 21 21:08:20.5,0.5,3.05S;104.130.01E;0.06,h25km,n76,az=168/77,mb4.1/18,MS3.3/3,Phase ID

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC, Res. Rows include stations like BNDI, BNDI, FAKI, FAKI, SFWI, SFWI, NLAJ, NLAJ, etc.

IDC 21 21:10:23.6,1.0,32.05N;87.67E,h0km,mb3.5/6,mb1.3/9,mb1mx3.5/28,mbttmp3.6/9,ML3.3/3,Error ellipse: s-maj=35.6km s-min=18.9km az=61.0

DMN 21 21:10:26.1,5.2,32.18N;87.64E,h10km,mb4.8/5,Error ellipse: s-maj=16.9km s-min=16.9km az=22.0

ISCJB 21 21:10:27.1,0.5,32.25N;105.87E;0.1,h33km,mb3.5/6,Error ellipse: s-maj=13.3km s-min=6.6km az=10.8

ISC 21 21:10:29.0,0.8,32.23N;108.87E;0.1,h35km,n22,az=103/21,mb3.5/6,Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC, Res. Rows include stations like LSA, LSA, GUN, GUN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC, Res. Rows include stations like PKI, PKI, DMN, DMN, etc.

ISCJB 21 21:13:00.6,0.5,34.30N;103.135.64E;0.03,h68km,4km,mb3.5/4,Error ellipse: s-maj=5.5km s-min=4.6km az=169.3

NIED 21 21:13:00.34;30N;135.60E,h50km,Mw3.7, Best double couple: Mc3.83000\*1014 NP1.9s153.00000, 889.00000, 1.24,00000, NP2.9s62.00000, 866.00000, 1.79,00000

JMA 21 21:13:01.4,0.1,34.30N;135.65E,h64km,1km,M3.7 Broadband fault plane solution: P waves. NP1: 9s31.00000, 878.00000, -1.18,00000, NP2.9s65.00000, 872.00000, -1.18,00000, Principal axes: P1g4.00000, N1g19.00000, Azm19.00000, Azm19.00000, P1g21.00000, Azm287.00000

JMA Fellt 1/1 IDC 21 21:13:07.3,3.8,34.09N;135.17E,h104km,30km,mb3.2/3,mb1.3/3,mb1mx3.1/28,mbttmp3.3/6,Error ellipse: s-maj=44.8km s-min=21.5km az=69.0

ISC 21 21:13:01.6,0.9,34.29N;104.135.65E;0.03,h61km,6km,n22,c049/27,mb3.5/4,7C-9D,Near south coast of western Honshu

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

CASC 21 21:18:40.2,1.5,13.52N;92.58W,h18km,19km,MD4.5,ML4.4,mb4.9(NEIC)

ISCJB 21 21:18:41.1,0.2,13.97N;92.03;92.15W;0.03,h33km,mb5.0/17,MS4.6/27,Error ellipse: s-maj=4.6km

MOS 21 21:18:41.7,0.8,14.16N;92.14W,h33km,mb5.4/59,Error ellipse: s-maj=8.6km s-min=5.0km az=94.8

GCMT 21 21:18:44.8,0.3,13.89N;92.73W,h12km,MW5.1, Moment Tensor Solution: s85,c69; s85,c128; Moment tensor: Scale 10^16Nm; m3.61z.09; Mw=2.7z.09; Mw=0.8z.10; Ms3.9z.25; Mw=1.8z.10; Mw=1.5z.30; Best double couple: Mo=6.00000\*1016 NP1.11s114.00000, 869.00000, 1.85,00000, NP2.9s309.00000, 821.00000, 1.04,00000, Principal axes: T=5.53000, Plg65.00000, Azm14.00000, N=0.19000, Plg5.00000, Azm15.00000, S=-5.73000, Plg24.00000, Azm208.00000; Data Used: IIU CU IC CN G

MEX 21 21:18:45.3,0.3,14.05N;92.67W,h29km,20km,MD4.8,BJI 21 21:18:45.6,14.20N;92.10W,h45km,mb5.4/8,Ms5.2/9,Ms7.4/9.6

NEIC 21 21:18:46.9,0.6,14.20N;92.17W,h66km,4km,mb5.1/49,Error ellipse: s-maj=5.9km s-min=3.0km az=214.0

IDC 21 21:18:47.5,1.9,14.09N;92.12W,h70km,16km,mb4.4/28,mb1.4/5,32,mb1mx4.5/34,mbttmp4.7/32,MS4.5/23,Ms1.4/23,ms1mx4.3/35,Error ellipse: s-maj=16.2km s-min=9.7km az=55.0

ISC 21 21:18:43.9,0.7,13.95N;92.04;92.55W;0.03,h47km,5km,mb5.1/169/857,mb5.1/175,MS4.8/28,211C-170D,Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC, Res. Rows include stations like JAT, JAT, THG, THG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, m, s, ISC, Res. Rows include stations like RBDL, RBDL, RTR, RTR, etc.

Table with columns: ID, Name, Price, Change, Status, Date, and other details. Includes entries like Collier Ranch, Roby, Balmorhea Ranch, etc.

Table with columns: ID, Name, Price, Change, Status, Date, and other details. Includes entries like CR and CF Fran, Rita Site, Whi, etc.

Table with columns: ID, Name, Price, Change, Status, Date, and other details. Includes entries like Connolly Farm, San Miguel Ran, etc.

21d 21h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PV04, PV10, SWSC, W13A, etc.

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Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like BINY, Binghamton, DUG, Dugway, etc.

810

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like CMB, Columbia, D24A, Glendora, etc.







22d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NAO01 NORSAR Array S, NOA NORSAR Array B, GNI Garni, KIV Kislodskov, etc.

ISCJB 22 01:08:12.6:0.7, 37:60N:0.05: 72:31E:0.10, h113km, mb3.8/3, Error ellipse: s-maj=11.7km s-min=5.8km az=159.8

IDC 22 01:08:17.1:5.7, 37:89N:72:30E, h120km, 49km, mb3.5/3, mb1 3.5/7, mb1mx3.1/30, mbtmp3.5/7, Error ellipse: s-maj=54.5km s-min=4.1km az=131.0

NNC 22 01:08:22.9:5.6, 38:38N:72:15E, h163km, 53km, mb3.0, mpv3.9, Error ellipse: s-maj=51.5km s-min=23.6km az=12.0

ISC 22 01:08:13.1:1.1, 37:69N:0.09: 72:3E:0.1, h113km, n31, e185/33, mb4.0/3, 6C-6D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AML Almayashu, KZA Kyzart, EKS2 Erkin-Say, etc.

IDC 22 01:08:44.9:11.0, 15:48S:172:84W, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/18, mbtmp3.4/3, Error ellipse: s-maj=511.3km s-min=24.2km az=138.0, Samoa Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, etc.

2009 NOV

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANDN Andirin, GULE Gulek, GULE Gulek, etc.

BUI 22 01:51:24.0, 21:36S:177:78W, h589km, mb4.9/16, mb4.9/32

ISCJB 22 01:51:27.1:0.7, 20:80S:0.04: 178:58W:0.05, h570km, 9km, mb4.6/71, Error ellipse: s-maj=8.0km s-min=5.7km az=40.1

NEIC 22 01:51:28.3:0.8, 20:77S:178:57W, h574km, 8km, mb4.9/45, Error ellipse: s-maj=7.1km s-min=6.0km az=96.0

MOS 22 01:51:28.9:2.5, 20:54S:178:80W, h561km, mb4.7/77, Error ellipse: s-maj=12.4km s-min=11.9km az=61.9

AUST 22 01:51:29.8, 21:02S:178:22W, h600km, mb3.8/20, mb1 4.0/21, mb1mx4.0/22, mbtmp3.8/21, Error ellipse: s-maj=11.8km s-min=8.2km az=150.0

ISC 22 01:51:29.3:0.4, 20:74S:0.05: 178:52W:0.06, h587km, 3km, h587km: p-P, n310, e1819/379, mb4.7/70, 23C-30D, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF Nonsavu, AFI Afiamalu, DZM Mont Dzumac, etc.

814

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



Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR Pinedale Array, CMAR Chiang Mai Arr, CHTO Chiang Mai, WALA Waterlon Lakes, CD2 Chengdu, YAK Yakutsk, LZH Lanzhou, INK Inuvik, ULN Ulanbaatar, SONM Songino Array, GTA Gaotai, LVC Limon Verde, CURK Kurchatov, KMK Kashi, TSH Tokmak 2, AAK Ala-Archa, BVAR Borovoye Array, SUR Sutherland, ARU Arty, BOS Boshof, AKTO Aktyubinsk, ARCES ARCES Array B, FINES FINES Array B, KMBO Kilima Mbogo, NB2 NOR SAR Subarran, NOA NOR SAR Array B, HFS Hagfors, AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, AKBB Malin Array Si, KIEV Kiev, MALT Malatya, SIM Simferopol, COP Copenhagen, BSD Bornholm Skovb, BSD Bornholm Skovb, MBAR Mbarara, EKA Eskdalemuir, GKP Gorka Kizator, BEL Belsk, LEOM Leova, BURAR Bucovina Array, TIRR Targu Mures, VRI Vriociaia, MMAI Mount Meron Ar, ASCN Ascension, UZH Uzhgorod, TLB Topalu, CRVS Cervenica-Dubn, KSP Ksiaz, MANR Mangalia, TRPA Tarpa, MISAB Monastery St. A

Table with columns for station name, frequency, power, and other technical details. Includes stations like OKC Ostrava-Krasne, DOKR Dopca, UPC Ujpec, MLR Muntele Rosu, CLL Colim, DPC Dobruska-Polom, MORC Moravsky Berou, MORC Moravsky Berou, BRG Berggiesshubel, BRG Berggiesshubel, KECS Kecoovo, CJR Cluj-Napoca, PANC Panska Ves, EIL Elat, CSS Prodhromos, VOIR VOIR, DRGR DRGR, ARR Arges, PRR Prague, PRU Pruhonice, VRAC Vranov, VRAC Vranov, PSZ Pyszkesteto, NKC Nivy Kostel, TREC Trest, SIRR Siria, BEBN Eben Emael, MEM Membach, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, BZS Buzias, SNF Senefie, BCLA Clavier, GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, CONA Conrad Observa, BANR Banloc, DOUR Dourbes, WLF Walferdange, WLF Walferdange, WLF Walferdange, MOA Mollin, STU Stuttgart, STU Stuttgart, STU Stuttgart, VTS Vitosh, SOKA Soboth, PERS Pernice, WATA Walderalm, WTTA Wattenberg, MOTA Moosalm, ABTA Abfaltersbach, VISS Visnje, BOJS Bojanci, JAVS Javornik, DAVOX Davos/Dischmat, DAVOX Davos/Dischmat, MSKU Masuku, IDI Anoyia, IDI Anoyia, IDI Anoyia, BNI Bardonecchia, BNI Bardonecchia, AQU L'Aquila, TIP Timpaigrande, TSPC Sonseca Array, TSPC Sonseca Array, KEST Kesra, KEST Kesra, DBIC Dimbokro, DBIC Dimbokro, MDT Midelt, MDT Midelt, TOAD Torodi Ar. Bea, TOAD Torodi Ar. Bea, TOAD Torodi Ar. Bea, TOAD Torodi Ar. Bea, TOAD Torodi Ar. Bea

Table with columns for station name, frequency, power, and other technical details. Includes stations like BUJ BUJ 22,02:01:39.8,40:95N:32:70E, ISN 22:02:01:45.0,2:1,42:31N:34:67E, THE 22:02:01:47.5,4:1:32N:33:57E, NEIC 22:02:01:47.0,4:1:33N:33:56E, ISCJB 22:02:01:48.1,0:1,4:1:38N:0:1,4:1:38N:0:1, IDC 22:02:01:48.0,6:1,4:1:35N:33:59E, MOS 22:02:01:48.3,1:9,4:1:39N:33:57E, DDA 22:02:01:49.1,4:1:26N:33:68E, CSEM 22:02:01:49.1,0:1,4:1:33N:33:59E, ISC 22:02:01:49.4,0:5,4:1:31N:0:02:33:62E, ILGA Ilgaz, ILGA Ilgaz, ILGA Ilgaz, TOSYA TOSYA, TOSYA TOSYA, CANT Cankiri, SAFT Safranbolu, SAFT Safranbolu, BZK Bozkurt, BZK Bozkurt, BZK Bozkurt, ELDT Eldivan, ELDT Eldivan, BOYT Boyabat, BOYT Boyabat, CTKT Corum, CTKT Corum, CTKT Corum, DKM Dikmen, DKM Dikmen, CIRM Cirm, DIOR Dior, DAD Ankara, DAD Ankara, DAD Ankara, LOD Lodumlu, LOD Lodumlu, ANTO Ankara, ANTO Ankara, ANTO Ankara, ANTO Ankara, BR131 Keskin Array S, BR131 Keskin Array S, BR131 Keskin Array S, BR131 Keskin Array S, BR131 Keskin Array S, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, BBAL Bala, BBAL Bala, BBAL Bala, KVT Kavak, KVT Kavak, AFSR Afar-Bala (A), AFSR Afar-Bala (A), MDUB Mudurnu, YOZ Yozgat, YOZ Yozgat, BTAS Taskesti, BTAS Taskesti, TOKA Tokat, TOKA Tokat, ERBA Erbaa, ERBA Erbaa, ERBA Erbaa, GULT Gulveren, GULT Gulveren, SPNC Sapanca-Adapaz, SPNC Sapanca-Adapaz, AVNT Avonos, AVNT Avonos, AVNT Avonos, AVNT Avonos, GPN Galpazari, GPN Galpazari, ESKT Eskisehir, ESKT Eskisehir, SEYT Eskyepheyr, SEYT Eskyepheyr, SPNO Sapanca-Adapaz, SPNO Sapanca-Adapaz, KIZT Kizilcal, KIZT Kizilcal, BORA Eskisehir, BORA Eskisehir, SVSK Karacayir, SVSK Karacayir, RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, BNN Bunyan, BNN Bunyan, SILT Site, SILT Site, HRT Hereke, HRT Hereke, SCER sogukcermik, SCER sogukcermik, ADVT Aduluvahap, ADVT Aduluvahap, CAVI Cavuskoj, CAVI Cavuskoj, SULT Sultanhani-AKS, SULT Sultanhani-AKS, YAL Yalta, YAL Yalta, YAL Yalta, SEV Sevastopol, SEV Sevastopol, SEV Sevastopol, LADK Ladik-KONYA, LADK Ladik-KONYA, NIG Nigde, NIG Nigde, NIG Nigde, BOLV Bolvadin, BOLV Bolvadin, BSTP Nigde, BSTP Nigde, ALU Alushta, ALU Alushta

22d 2h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ALU Alushta, BUY Buyukada, ISK Istanbul-Kandi, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SBC Sochi, CVD Cernavoda, MSAB Monastery St. A, etc.

816

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TESR Tescani, KBZ Khabaz, NVR Neurokopi, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like AKASG, AKKB, AKBG, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like GERES, KHC, KHC, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, SNR, and other technical details. Includes stations like ARU, ARU, ARU, etc.

Table with columns: CD2, CD2, comp-Z, 10.0nm, 0.5s, ScS, pmax, pmax, 02 21 16.0 -3.4, etc.

ISCJB 22 02:06:08.7, 0.5, 12.49S, 0.06:166.72E, 0.08, h59km, mb4.1/14, MS3.4/2, Error ellipse: s-maj=11.0km

NEIC 22 02:06:08.1, 0.4, 12.39S; 166.78E, h35km, mb4.3/6, Error ellipse: s-maj=10.5km s-min=9.4km az=154.0

IDC 22 02:06:10.8, 3.5, 12.44S; 166.65E, h59km, 30km, mb3.8/11, mb1.0/13, mb1mx3.9/20, mbmp3.9/13, ML4.4/2, MS3.3/3, Ms1.3/3, ms1mx2.8/28, Error ellipse: s-maj=25.0km

ISC 22 02:06:10.7, 0.5, 12.41S; 0.06:166.65E, 0.08, h59km, n43, 0.15/44, mb4.2/15, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, HNR, Honiara, 7.22 294, P, etc.

Table with columns: NVAR, Mina Array Bay, 86.22 50, P, 02 18 45.2 -1.0, etc.

BUI 22 02:38:34.7, 56.60N; 34.40W, h10km, mb5.2/10, mb4.9/19, Ms4.9/5, Ms7.4/5

IDC 22 02:38:35.7, 0.6, 56.60N; 34.39W, h0km, mb4.0/16, mb1.4/219, mb1mx4.1/33, mbmp4.1/19, ML3.8/2, MS3.9/36, Ms1.3/9/36, ms1mx3.8/44, Error ellipse: s-maj=18.6km

NEIC 22 02:38:38.0, 0.2, 56.63N; 34.46W, h10km, mb4.8/58, Error ellipse: s-maj=6.0km s-min=3.3km az=187.0

GCMT 22 02:38:38.2, 0.3, 56.75N; 34.28W, h12km, MW4.8, Moment Tensor Solution, s10, c11: s73.c94; Moment tensor: Scale 10^16Nm; M1-1.54; 0.07; M2-0.01; 0.08; M3-1.55; 0.05; M4-0.91; 3.36; M5-0.25; 0.06; M6-0.30; 2.25; Best double couple: M1.800000; 1016 NP1.345.000000, 354.000000, -123.000000. NP2.212.000000, 347.000000, -54.000000. Principal axes: T 1.6000, P1g3.0000, Azm97.0000; N 0.4100, P1g26.0000, Azm5.0000; P -2.0100, P1g64.0000, Azm194.0000;

Data used: IU II G CU CN IC, ISCJB 22 02:38:38.3, 0.1, 56.68N; 0.04:34.41W, 0.03, h22km, mb4.7/92, MS3.9/34, Error ellipse: s-maj=6.5km s-min=2.5km az=0.0

CSEM 22 02:38:40.7, 0.1, 56.68N; 34.45W, h30km, mb4.8/68, Ms3.8, Mw4.8, Error ellipse: s-maj=7.3km s-min=3.6km az=6.0

ISC 22 02:38:40.3, 56.64N; 0.06:34.40W, 0.05, h22km, n530, 0.15/2528, mb4.8/92, MS3.9/35, 131C-98D, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, BORG, Borgarnes, 10.32 33, Op, etc.

Table with columns: AVF, Avril sur Loir, 25.07 97, eP, 02 44 03.3 +1.4, etc.



Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tecolote Peak, Guadalupe Moun, and various other locations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KBL Kabul, WMQ Urumqi, PETK Petropavlovsk, and various other locations.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like mb1 4.0/4, mb1mx3.6/16, and various other locations.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KURK, RAMN, RAMTE, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ETSF, ETSU, ESDC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like NVAR, RAMN, JIRI, etc.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Chichijima, Kellerberrin, BBSI, NWAOW, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BTM, FX1, FXJ, YXJ, YXJ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like OSI, DECC, HKC, ARVC, etc.

22d 7h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GSC Goldstone, BEKR Beckworth, and many others.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like COCO West Island, FRMIR Kestrel, and many others.

824

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like X20A Quemado, BPAW Bear Paw Mtn., and many others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ILAR, 124A, PV01, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HHC, 428A, YMR, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like RLMT, GCMT, 129A, etc.

Table with columns: YAK, comp=N, 1.9nm, 1.5s, pmax, pmax, 89.51 338 eP, P, 08 00 19.9 -1.7, etc.

Table with columns: J24A, Dixon Ranch, L, 90.75 44 J P, P, 08 00 28.1 +0.2, etc.

Table with columns: L27A, T5 Ranch, Ells, 91.85 46 J P, P, 08 00 33.8 +0.7, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like SONM, EFI, and various farm-related call signs.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like TLY, Talaya, B30A, and various farm-related call signs.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CPUP, ZAAO, ZALV, and various farm-related call signs.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like BVAR, BVAR, Borovoye Array, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like OBN, MUKL, VSU, NB2, NOA, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like KELT, Keltit, MAZI, Ezi, etc.

Table with multiple columns containing names, dates, and various alphanumeric codes. The table is organized into several vertical sections, each starting with a name (e.g., SALA, PLOSTINA, TIROSOR, etc.) and followed by a grid of data points including dates and codes.

Table with columns: Code, Station Name, Az, El, Op, Phase II, Time, Res, S, C, B, S, C. Rows include stations like SSF Saint Saulge, SSF Saint Saulge, SSF Saint Saulge, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase II, Time, Res, S, C, B, S, C. Rows include stations like PCAB Cabril, PCAB Cabril, LAFB Labassere, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase II, Time, Res, S, C, B, S, C. Rows include stations like ISCJB 22 07:51:04.7,0.3, NIC 22 07:51:04.6,0.2, CSEM 22 07:51:06.1,0.1, etc.





Table with columns for station name, frequency, and other technical details. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, SONM Songoing Array, ILAR Eielson Array.

IDC 22 08:52:29.3:11.0, 20.10S, 177.817W, h345km, 114dkm, mb3.3/8, mb1 3.6/8, mb1mx3.4/16, mbtm3.3/8, Error ellipse: s-maj=31.1km s-min=2.6km az=87.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, FITZ Fitzroy Crossi, VNSA Vanda, NVAR Mina Array Bea, TXAR Lailias Array, ILAR Eielson Array, GERES GERESS Array B, TORD Torodi Ar. Bea.

DJA 22 09:00:22.5:12.0, 7.1N, 107.12E, h389km, 56km, Ms.0/3, mB5.1/2, mB4.7/3, MLV5.2/1, Mw(mB)4.5/2, ISCJB 22 09:00:04.1:0.5, 4.15N, 0.07E, 125.16E, 0.8h200km, mb3.8/10, Error ellipse: s-maj=1.7km s-min=8.9km az=162.5

IDC 22 09:00:58.2:6.7, 4.02N, 124.96E, h228km, 69km, mb3.5/10, mb1 3.6/10, mb1mx3.4/23, mbtm3.5/10, Error ellipse: s-maj=35.8km s-min=12.3km az=76.0

AUST 22 09:01:06.7:0.8, 3.59N, 125.05E, h304km, Error ellipse: s-maj=1.8km s-min=1.0km az=15.0

ISC 22 09:00:55.6:0.6, 4.14N, 0.08E, 125.01E, 0.09h, h200km, n29, r1518/28, mb4.0/10, Talaud Islands

Main table section for stations in the Talaud Islands region, including stations like SGSI Sangihe, GTOI Gorontalo, TNTI Ternate, MRSI Marisa, LUWI Luwuk, FAKI Fak Fak, KSM Kuching, JAJI Jajag, Banyuwa, YAGI Jayapura, MTN Mantion Dam, KDU Kakadu, KNRA Kununurra, CISI Cisempangan, FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, MEK Meekehatharra, CTA Charters Tower, BBOO Buckleboo, STKA Stephens Creek, STKA Stephens Creek, HTK Hallett, ASAJ Asahikawa, SONM Songoing Array, MKAR Makanchi Array, ZALV Zalesovo Beam, FINES FINESS Array B, TORD Torodi Ar. Bea.

BUJ 22 09:07:35.8, 51.54N, 177.55W, h33km, mB5.2/17, mb4.9/29, Ms4.7/11, Ms7.4/4/10

MOS 22 09:07:36.5:1.0, 51.74N, 176.89W, h56km, mb4.9/26, Error ellipse: s-maj=9.0km s-min=7.6km az=52.0

ISCJB 22 09:07:37.0:0.3, 51.65N, 176.91W, 0.03, h62km, 2km, mb4.7/103, Error ellipse: s-maj=8.3km s-min=2.6km az=176.7

IDC 22 09:07:37.8:1.9, 51.70N, 176.92W, h55km, 16km, mb4.2/30, mb1 4.3/31, mb1mx2.2/38, mbtm4.2/31, ML4.1/11, MS3.6/2, Ms1.3/6/2, ms1mx3.1/49, Error ellipse: s-maj=15.2km s-min=9.6km az=19.0

NEIC 22 09:07:38.0:0.3, 51.63N, 176.94W, h55km, 2km, mb4.6/73, ML4.6(AEIC), Error ellipse: s-maj=7.0km s-min=2.6km az=173.0

ISC 22 09:07:37.7:0.6, 51.57N, 176.87W, 0.03, h55km, 3km, n581, r097/612, mb4.7/104, MS3.8/4, 138C-148D, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIMD Kanaga Island, ADK Adak, KIRH Kanaga Island, KIKV Kanaga Island, KINC Kanaga Island, KICM Kanaga Island, ETKA Kagalaska Isla, ADAG Mount Adagatg, GSCK Great Sitkin, TAPA Tanaga Point A, GSTD Great Sitkin T, GSMY Great Sitkin M, GSTR Great Sitkin T, TAFP Tanaga Falls P, TASE Tanaga Sea, TANO Tanaga North, GAEA Gareloi East, GALAA Gareloi Lava P, GANE Gareloi North, NIKH Nikohi High, SMY Shemya, OKTU Okmok Mt. Tuli.

Main table section for stations in the Andreanof Islands region, including stations like OKFG Magazine Ridge, KFVK Attu Island-F, FX1 Attu Island-F, MGOD Makushin Gods, MSW Makushin Swic, UNV Unalaska Valle, UNV Saint Paul Is, LVA Lava Point, ZRO Akutan Zero, AKUT Akutan, TNA Tin City, OHAK Old Harbor, KDAK Kodiak Islands, PETK Petropavlovsk, RSO Redoubt Spurr, SPU Mount Spurr, PPLA Purkeypile, SEW Seiwai, CAST Castle Rocks, PMR Palmer, PMR Palmer, TRF Thorofare Moun, BPAW Bear Paw Mtn., IM04 Indian Mountai, MCK McKinley, MCK McKinley, SEY Seymonta, COLA College, COLA College, PAX Paxson, PAX Paxson, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, COLD Coldfoot, MENT Mentasta, DOT Dot Lake, DAWY Dawson, YZUH-Yuzh-Sakhalins, YSS Yuzh-Sakhalins, INK Inuvik, INK Inuvik, INK Inuvik, DLBC Dease Lake, DLBC Dease Lake, ASAJ Asahikawa, ASAJ Asahikawa, HABR Khabarovsk, HABR Khabarovsk, HABR Khabarovsk, HABR Khabarovsk, KLR Kul'dur, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, USRK Ussuriysk Arr, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, B08A Colville Reser, HAWA Hanford, C09A Chrisman Ranch, YBH Yreka Blue Hor, YBY Yreka Blue Hor, EDM Edmonton, EDM Edmonton, NEW Newport, NEW Newport, CN2 Edmonton, CN2 Edmonton, CN2 Edmonton, CN2 Edmonton, WALA Waters Lakes, BSMT Bassoo Peak, J08A Circle Bar Peak, BLMT Blacktail Moun, JTMT Jette

Main table section for stations in the Pacific region, including stations like YBMT Yellow Bay, SWMT Swartz Lake, MSO Missoula, MSO Missoula, SLMT Seelye Lake, CHMT Chamberlain Mo, KSRK Korea Array, KSAR Wonju Array Be, PAHR Pah Rah Range, HRY Holter Resear, HLID Hailey, HLID Hailey, JUNU Nakatsue, JUNU Nakatsue, MCMT McKenzie Canyo, EGMT Eagleton, EGMT Eagleton, A19A Klindworth Fa, BOZ Bozeman(F), BOZ Bozeman(F), NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, B19A Brinkman Farms, C19A Slack Wire Ran, A20A Cobaltstone Ra, QLMT Earthquake Lak, ELK Elko, D19A Cripps Ranch, YMR Madison River, A21A Bergtoll Ranch, C20A Veseth Ranch, B21A Elsworth Farm, E19A Rath Farm, Rou, D20A Natron Ranch, H17A Grant Village, H17A Grant Village, IMW Indian Meadow, FLWY Flagg Ranch, F19A Roth Farm, M, C21A Desert Coulee, A22A Carney Farms, A22A Meyer Farm, M, TPAW Teton Pass, H18A Shoshone NF, ISA Isabella, LOHW Hollow Hollow, R11A Troy Canyon, C, R11A Troy Canyon, C, BGU Big Grassy Moun, B22A Reddig Ranch, D21A La Casta Ranch, F20A Billings, MPMC Manual Prospec, H19A Powell, C22A Vida, G20A Bridger, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, D22A Cohagen, DUG Dugway, DUG Dugway, DUG Dugway, EDW2 Edwards Air Fo, F21A Absaloka Mine, C23A Lambert, LAO LASA Arroyo, A24A Westby, DGMG Dagmar, H20A Greylub, G21A Lodge Grass, BW06 Boulder Array, PDAF Pinedale Array, PDAF Pinedale Array, J19A Crowheart, E22A Miles City, D23A Lindsay, GSC Goldstone, GSC Goldstone, GSC Goldstone, JLU Jordanelle, I20A World, F22A Rosebud, C24A Daniels Canyon, DAU Daniels Canyon, DAU Daniels Canyon



Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Guthrie, R-V Farms, Sharp Cattle, Woodward Ranch, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Oxford, Arti, Chiang Mai, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes NEIC 22 09:09:28.6, 0.8, 18.355s, 168.35E, h35km, mb4.2/6, Error ellipse, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes BUJ 22 09:09:56.1, 39.96N, -117.80E, h7km, ML3.7/8, 1D, Northeastern China, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes IDC 22 09:45:30.4, 1.0, 10.425x119.01E, h0km, mb3.9/7, etc.

AUST 22 09:09:16.7, 17.70S, 169.48E, h0km
IDC 22 09:09:23.6, 1.0, 18.31S, 168.35E, h0km, mb4.2/9,
mb1.4/4.10, mb1mx3.8/19, mbtmp4.3/10, ML3.9/1, Error
ellipse: s-maj=33.3km s-min=20.6km az=148.0,
ISCJ22 09:09:28.0, 0.9, 18.43S, 0.09, 168.3E, 0.1, h37km,
mb4.2/9, Error ellipse: s-maj=19.3km s-min=11.0km
az=26.3



22d 12h

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

IDC 22:10:59.40:0.9, 1.69S, 116.13E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.9/21, mbtmp3.9/9, MS3.1/1, Ms1 3.3/1, ms1mx2.8/31, Error ellipse: s-maj=56.2km s-min=15.3km az=60.0

ISCJB 22:10:59.44:0.4, 1.69S, 0.06, 116.12E, 0.04, h33km, mb4.0/12, MS3.0/1, Error ellipse: s-maj=8.8km s-min=0.4km az=28.9

NEIC 22:10:59.45:0.9, 1.68S, 116.20E, h35km, mb4.2/3, Error ellipse: s-maj=27.8km s-min=7.9km az=49.0

NEIC Felt [III] at Longikis, DJA 22:10:59.46:1.0, 7.2 S, 4.11 E, h28km, mb4.5/14, mb4.6/6, mb4.9/4, MLV4.5/16, Mw(mb)4.2/5

ISC 22:10:59.45:0.6, 1.72S, 0.06, 116.12E, 0.05, h35km, n44, s138S/11, mb4.0/12, Borneo

Main station list table for 22d 12h. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKB, MTKI, SMKI, etc.

MEX 22:11:48.48:0.3, 17.36N, 101.73W, h5km, 2km, MD3.7, Near coast of Guerrero

Table for Guerrero coast stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ZIIG, CAIG, ARIG, etc.

MEX 22:11:18:44.8:0.3, 17.36N, 101.73W, h5km, MD3.9, Near coast of Guerrero

Table for Guerrero coast stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ZIIG, CAIG, ARIG, etc.

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Table with columns: TLIG, PNI, etc. Station Name, Az, Phase ID, Time, Res.

IDC 22:11:36:54.2:1.1, 33.98N, 25.81E, h0km, mb4.0/10, mb1 4.0/16, mb1mx3.9/31, mbtmp3.9/16, ML3.9/16, MS3.5/1, Ms1 3.5/1, ms1mx2.5/41, Error ellipse: s-maj=22.2km s-min=16.8km az=25.0

ISCJB 22:11:36:55.0:0.4, 33.93N, 0.04, 25.94E, 0.04, h26km, mb3.8/10, MS3.4/1, Error ellipse: s-maj=7.2km s-min=3.7km az=34.6

HLW 22:11:36:57.6, 33.98N, 25.85E, h19km, 7km, MD3.8, M3.5 CSEM 22:11:36:58.0:0.2, 33.89N, 25.85E, h40km, MD3.6, Error ellipse: s-maj=8.0km s-min=3.4km az=45.0

ATH 22:11:37:02.0, 34.26N, 25.57E, h39km, MD3.3/3, ISC 22:11:36:57.0:0.7, 33.95N, 0.06, 25.86E, 0.05, h26km, n87, s132/91, mb4.0/10, Eastern Mediterranean Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes SUNK, ALMY, ANKY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes ALMA, AMAG, AMAG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes AMAG, SUZ, RSH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes STON, NVLJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes AKAS, GERES, etc.

NIED 22:08:00:34.00N, 136.10E, h50km, Mw3.5, Best double couple: M2.360000, 1014 NP1=348.00000, 833.00000, 1.62.00000, 1.58.00000, NP2=243.00000, 833.00000, 1.62.00000

JMA 22:08:38.7, 33.97N, 136.11E, h48km, M3.6, 4C-5D Broadband fault plane solution: P waves: NP1: 141.00000, 861.00000, 144.00000, NP2: 256.00000, 852.00000, 142.00000. Principal axes: T P1gs.00000, Azm200.00000, N P1g39.00000, Azm294.00000, P P1g51.00000, Azm104.00000; Near south coast of western Honshu

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes JKN2, JKW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes TTO1, TTO2, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes QSPA, NVAR, etc.

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

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

IDC 22:12:26:02.1:0.7, 3.05S, 129.69E, h0km, mb4.1/9, mb1 4.4/11, mb1mx3.2/22, mbtmp4.2/11, ML3.2/22, MS3.6/1, Ms1 3.6/1, ms1mx3.0/27, Error ellipse: s-maj=39.1km s-min=12.8km az=69.0

ISCJB 22:12:26:05.1:0.3, 3.03S, 0.03, 129.63E, 0.03, h28km, mb4.2/13, MS3.4/1, Error ellipse: s-maj=4.9km s-min=4.4km az=155.5

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

Table with columns: KDU, Kakadu, 10.00 164 P, Pn, 12 28 28.3 -0.2, ROM 22 13:04:45.0, 43:81N-15:14E, h20km, M2.6/19, Error ellipse: s-maj=5.6km s-min=3.4km az=43.0

Table with columns: NVLJ, Novolja, 0.81 350 ePg, P, 13 04 59.5 -0.9, ROM 22 13:04:45.7, 43:73N-15:22E, h10km, PRU 22 13:04:45.7, 43:73N-15:22E, h10km

Table with columns: ITM, Ithomi, 0.85 294 P, Pg, 13 18 25.9 +0.2, ITM, Ithomi, 0.85 294 ePb, Sg, 13 18 26.0 +0.2

NEIC 22 12:43:23.0, 18:14N-100:31W, h57km, MD4.0(MEX), After MEX.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ARIG, Puento Sto Nin, 0.14 346 eOp, Pn, 12 43 30.1 -1.7

CSEM 22 13:18:09.0, 0.2, 36:82N-22:89E, h10km, MD2.6, Error ellipse: s-maj=4.6km s-min=3.5km az=65.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, NVLJ, Novolja, 0.81 350 ePg, P, 13 04 59.5 -0.9

IDC 22 13:36:22.4, 3.2, 16:50S-178:55E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.9/16, mbtm3.8/4, MS3.4/3, MS1 3.4/3, s-min=26.7km az=148.0, Fiji Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, RAO, Raoul Island, 13.10 166 LR, LR, 13 43 29.1

MEX 22 13:55:38.7±0.5, 17:36N×101.68W, h5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ZIIG, Zihuatanejo, 0.32 40 eOp, Pn, 13 05 13.4 -0.2

IDC 22 14:13:24.6±1.4, 15:73S×176:31W, h332km, 14km, mb3.3/7, mb1 3.6/8, mb1mx3.4/18, mbtm3.4/8, Error ellipse: s-maj=21.2km s-min=12.1km az=133.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, AFI, Afiamalu, 4.64 68 Op, Pn, 14 14 41.7 -0.1

IDC 22 12:45:14.5±3.7, 15:20S-173:31W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/18, mbtm3.8/3, Error ellipse: s-maj=251.6km s-min=22.3km az=149.0, Tonga Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, AFI, Afiamalu, 1.96 49 Op, Pn, 12 45 47.1 -2.1

CSEM 22 13:18:09.0, 0.2, 36:82N-22:89E, h10km, MD2.6, Error ellipse: s-maj=2.7km s-min=1.0km az=165.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, VLI, Veliai, 0.12 166 eP, Pn, 13 18 12.0 0.0

IDC 22 14:18:17.2±7.8, 13:43N-92:48W, h0km, mb3.6/2, mb1 3.8/5, mb1mx3.6/23, mbtm3.5/5, ML3.5/3, MS2.8/2, Ms1 2.8/2, ms1mx2.6/31, Error ellipse: s-maj=134.4km s-min=28.6km az=168.0, Off coast of Chiapas

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, APG, El Apazole, 2.51 51 Pn, Pn, 14 18 59.2 -0.4

MAN 22 14:41:50, 16:57N-119:64E, h0km, mb4.8, ML3.7, MS3.7, 1D, Lulu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ABRA, Dolores, 1.48 44 eOp, Pn, 14 42 18.0 0.0

IDC 22 14:43:34.1±2.4, 5:97S-130:15E, h0km, mb3.7/1, mb1 3.3/3, mb1mx3.2/15, mbtm3.2/3, ML3.2/1, Error ellipse: s-maj=150.5km s-min=31.2km az=70.0

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ABRA, Dolores, 1.48 44 eOp, Pn, 14 42 18.0 0.0







Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like TWK, NSK, CHY, etc. and various technical parameters.

KNET 22:16:36.062.0.4, 42.59N; 175.67E, h5km; 5km, m12.2, Error ellipse: s-maj=3.3km s-min=2.1km az=58.0, NNC 22:16:36.07.4.1.4, 43.17N; 175.52E, h12km; 34km, mb3.5, mpv3.0, Error ellipse: s-maj=38.3km s-min=10.4km az=5.0, ISC 22:16:36.08.4.1.5, 42.77N; 175.56E, 0.05, h23km; 10km, n15, a1505/16, 10C-15D, Lake Issyk-Kul region.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like TKM2, UHLL, KZA, etc. and various technical parameters.

IDC 22:16:58.03.2.7.2, 8.06N; 136.96E, h0km; mb3.6/4, mb1.3/6.4, mb1mx3.4, 2.3mx3.6/4, Error ellipse: s-maj=386.4km s-min=30.4km az=78.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like H11S3, H11S1, H11S2, ASAR and various technical parameters.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like MKAR, ZALV, BVAR, WEL, etc. and various technical parameters.

AZER 22:17:29.20.0.0.8, 37.72N; 46.86E, h7km, Error ellipse: s-maj=2.0km s-min=1.1km az=10.0, THR 22:17:29.21.7.1.0, 37.90N; 46.94E, h14km; 12km, ML3.8, CSEM 22:17:29.23.4.0.3, 37.90N; 46.83E, h2km; ML3.8, Error ellipse: s-maj=7.4km s-min=5.8km az=55.0, TEH 22:17:29.23.4, 38.01N; 46.94E, h3km; ML3.8, ISN 22:17:29.58.4.2.6, 36.54N; 40.76E, h34km; 306km, ISC 22:17:29.22.1.1, 37.91N; 0.02; 46.87E, h10km; 10km, n63, a1588/85, 14C-16D, Northwestern Iran

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like IFTB, MATI, SGSI and various technical parameters.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like ITBZ, ITBZ, Tabriz, etc. and various technical parameters.

BUL 22:18:33.00.8.4, 86N; 127.83E, h171km, mb4.9/20, mb4.6/32, ISCJB 22:18:33.00.9.0.5, 4.97N; 0.03; 127.74E; 0.05, h167km; 4km, mb4.5/46, Error ellipse: s-maj=7.8km s-min=4.5km az=176.4, NEIC 22:18:33.03.0.0.3, 4.90N; 127.66E, mb4.5/13, Error ellipse: s-maj=9.9km s-min=6.1km az=91.0, IDC 22:18:33.03.4.0.7, 4.91N; 127.68E, h174km; 5km, mb4.0/22, mb1.4/0.22, mb1mx3.9/28, mbtmp4.4/22, Error ellipse: s-maj=15.3km s-min=8.4km az=86.0, MAN 22:18:33.03.4, 6.2N; 127.21E, h111km, mb5.2, ML4.2, MS4.4, AUST 22:18:33.04.0.5, 5.00N; 127.01E, h200km, DJA 22:18:33.06.4.1.3, 5.1N; 132.12E, h133km; 8km, M4.8/14, mb5.1/10, mb4.9/14, MLV5.2/3, MW(MB)4.4/10, MOS 22:18:33.06.0.1.0, 4.94N; 127.66E, h220km; mb4.5/10, Error ellipse: s-maj=18.4km s-min=8.5km az=110.3, ISC 22:18:33.03.0.5.0.4, 4.98N; 0.04; 127.66E; 0.06, h175km; 2km, h175km; pp-P, n178, a1553/231, mb4.5/46, 7C-1D, Talaud Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes station names like MATI, SGSI and various technical parameters.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, h, m, s, ISC. Includes stations like General Santos, Davao City, Musuan, Cotabato-PC H, Ternate, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CD2, CD2, CD2, MORW Morawa, BJT Beijing, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

CSEM 22:18:32.21.6:0.2,76.86km:17.59E,h2km,ML2.4,Error ellipse: s-maj=17.2km s-min=3.3km az=70.0 NAO 22:18:32.25.2:0.77,08km:19.29E,h16km,18km,ML2.4 BER 22:18:32.25.1:2.8,77.05km:19.29E,h17km,31km,ML2.5,ML2.4(NAO)

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

IDC 22:18:44:56.9:0.7, 13:59N:121.02E,h119km,6km,mb3.1/7, mbl 3.37, mb1mx3.1/24, mblmp3.1/7, Error ellipse: s-maj=14.6km s-min=13.6km az=63.0 MAN 22:18:44:58.13:59N:120.65E,h98km,mb4.7,ML3.6,MS3.6 ISC 22:18:44:56.8:0.8, 13.52N:016:120.73E:0.03,h100km,n22,c204/24,mb3.5/7,2C-1D,Mindoro

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

0.4mm, 0.4s, baz=117, slow=7.9, SNR=3.1  
KURSB Kurchatov Arra 50.35 326 P  
0.6mm, 0.6s, baz=122, slow=8.3, SNR=9.1

TAP 22 18:56:31.1, 22°87'N, 120°66'E, h18km, ML3.8, B  
ISCJB 22 18:56:32.0, 22°82'N, 120°64'E, 0.02, h24km, 2km,  
Error ellipse: s-maj=3.4km s-min=2.4km az=158.0  
JMA 22 18:56:32.5, 0.6, 22°94'N, 120°62'E, h133km, M3.1  
ISC 22 18:56:31.9, 22°82'N, 120°61'E, 0.02, h23km, 6km,  
n58, c095/98, 6C-13D, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Sandimen, Jiouru, Shoushan, etc.

Main table with columns: NSY, NNS, NSTT, ENA, NSK, NSK, ENTT, TWC, NWF, KNM, YOJ, HATJ, IRIF, JKRS, JKRS, JJJ, JJJ, JTJ, JTJ, ISCJB, ZUR, VIE, CSEM, ISC, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes various station codes and time-resistance data.

Table with columns: NNA, LVC, LVC, SIV, SIV, SIV, SAML, CFAA, CFAA, H03N1, H03N2, H03N3, PTGA, PLCA, PLCA, BDBF, BDBF, TORO, TORO, H11S2, H11S1, H11S3, IDC, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Limon Verde, San Ignacio, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KMI, H0S2S, H0S3S, H0S1S, ODAN, RAMN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR, KKRK, KKAJ, ULN, ZAK, HVS, KURK, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR, TXAR, CPUP, IDC 22, AFI, RAO, DZM, URZ, HNR, PPT2, TBI, RKT, WRA, ASAR, ASAJ, PETK, LPIG, ILAR, BRTR, NIED, NEIC, JMA, ISCB, MOS, BUI, SKHL, etc.

Table with columns: JHR, YSS, USRK, PETK, EKMR, SEY, YAK, H1N12, H1N11, H1N13, SONM, H1S11, H1S13, H1S12, IM04, COLD, ZALV, ILAR, MK31, MKAR, KURK, KURKB, KURBB, INK, BVAR, AAK, DMN, DANN, KOLN, KKAR, ARU, RES, YKA, ABKAR, ARCES, WRA, WRA, WRA, KAF, KAF, FINES, OBN, NVAR, ASAR, PDAR, NB2, NOA, KIV, KBZ, KBZ, KBZ, AKASG, AKASG, AKASG. Each row contains station name, coordinates, and various parameters.

Table with columns: AK01, AK02, BUR08, DPC, CLL, CLL, SCHO, SCHO, BRTR, BRTR, BRTR, BRTR, BRTR, KHC, KHC, GERE, GERE, GERE, TXAR, TXAR, TXAR, TXAR, TXAR, TORO, TORO, H03N2, H03N3, H03N1, BDBF, BDBF, VNA2, VNA2, PLCA, PLCA, MAN 22:03:18, B34N:120.47E, h5km, mb4.5, ML3.4, MS3.3, 1C, Luzon. Each row contains station name, coordinates, and various parameters.

Table with columns: az=14.5, CASZ 22:20:09:13.2, 3.0, 13:80N-91:54W, h26km, 42km, MD3.9, ISC 22:20:09:06.9, 1.4, 13:6N, 0.1:92.01W, 0.09, h37km, n14, #201/18, Off coast of Chiapas. Each row contains station name, coordinates, and various parameters.

mb4.5/33, MS4.0/12, Error ellipse: s-maj=6.1km
s-min=4.7km az=15.8
MOS 22-20:39:07.0...1.0, 10' 19S:33'67E, h10km, mb4.8/11, Error ellipse: s-maj=15.6km s-min=8.3km az=78.9

Table with columns: KHC, Kasperse Hour, 61.64 345, eP, P, 20 49 26.6 -0.7

ASAR Alice Springs 95.26 115 P P 21 07 34.4 0.0
NVAR Mima Array Be 142.10 323 PKP P 21 13 43.7 +0.9

IDC 22 21:24:12.7, 49.0, 41.77N:147.70E, h0km, mb3.7/3,
mb1 3.8/3, mb1mx3.4/24, mbtmp4.3/73, Error ellipse:
s-maj=1136.0km s-min=74.3km az=159.0

NEIC 22-20:39:09.2, 0.3, 10' 16S:33'77E, h10km, mb4.6/19, Error ellipse: s-maj=9.1km s-min=5.2km az=103.0

TKM2 Tokmak 2 65.09 33 eP P 20 49 50.8 +0.3

JMA 22 21:24:50.3, 0.3, 43'96N:145'52E, h158km, 2km, M2.9
ISC 22 21:49:6.1, 2, 43'98N:141.455E:0.09, h160km, 8km,
n15, +063/24, mb3.5/3, Hokkaido region

Code Station Name Az AZ Phase ID Time Res
LSZ Lusaka 7.54 227 Pn Pn 20 41 02.3 +2.8

Code Station Name Az AZ Phase ID Time Res
TKM2 Tokmak 2 65.09 33 eP P 20 49 50.8 +0.3

Code Station Name Az AZ Phase ID Time Res
JRA Rausu 0.31 262 Op Pn 21 25 11.7 +0.4

ABPO Ambohianom 15.66 126 eP Pn 20 42 50.2 -0.3

ABPO Ambohianom 15.66 126 eP Pn 20 42 50.2 -0.3

AUST 22 21:39:18.3, 6.0, 4'57S:148'22E, h0km, Error ellipse:
s-maj=1.5km s-min=1.0km az=320.0

ABPO Rundu 15.74 239 P Pn 20 42 50.9 -0.5

ABPO Rundu 15.74 239 P Pn 20 42 50.9 -0.5

ISC 22 21:39:47.5, 0.7, 6'40S:07'147.0E:0.1, h49km, n50,
+0134/7, mb3.9/13, MS3.4/5, Eastern New Guinea region

Code Station Name Az AZ Phase ID Time Res
PMG Port Moresby 3.00 176 Pn Pn 21 40 32.5 -0.1

Code Station Name Az AZ Phase ID Time Res
PMG Port Moresby 3.00 176 Pn Pn 21 40 32.5 -0.1

Code Station Name Az AZ Phase ID Time Res
COEN Coen 8.38 206 eP Pn 21 41 46.1 -0.3

Code Station Name Az AZ Phase ID Time Res
SLR Silverton 16.40 198 P Pn 20 42 57.7 -2.2

Code Station Name Az AZ Phase ID Time Res
SLR Silverton 16.40 198 P Pn 20 42 57.7 -2.2

Code Station Name Az AZ Phase ID Time Res
CTA Charters Tower 13.63 183 Pn P 21 43 02.1 -3.6

Code Station Name Az AZ Phase ID Time Res
LBTB Lobatse 16.76 207 Pn Pn 20 43 02.5 -2.0

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CTA Charters Tower 13.63 183 Pn P 21 43 02.1 -3.6

Code Station Name Az AZ Phase ID Time Res
LBTB Lobatse 16.76 207 Pn Pn 20 43 02.5 -2.0

Code Station Name Az AZ Phase ID Time Res
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Code Station Name Az AZ Phase ID Time Res
COEN Coen 8.38 206 eP Pn 21 41 46.1 -0.3

Code Station Name Az AZ Phase ID Time Res
ERPM East rand po 16.98 197 P Pn 20 43 04.8 -2.6

Code Station Name Az AZ Phase ID Time Res
ERPM East rand po 16.98 197 P Pn 20 43 04.8 -2.6

Code Station Name Az AZ Phase ID Time Res
COEN Coen 8.38 206 eP Pn 21 41 46.1 -0.3

Code Station Name Az AZ Phase ID Time Res
PRYS Parys 17.19 199 P Pn 20 43 10.2 +0.3

Code Station Name Az AZ Phase ID Time Res
PRYS Parys 17.19 199 P Pn 20 43 10.2 +0.3

Code Station Name Az AZ Phase ID Time Res
COEN Coen 8.38 206 eP Pn 21 41 46.1 -0.3

Code Station Name Az AZ Phase ID Time Res
TSUM Tsumeb 18.13 238 Pn Pn 20 43 21.4 -0.2

Code Station Name Az AZ Phase ID Time Res
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Code Station Name Az AZ Phase ID Time Res
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Code Station Name Az AZ Phase ID Time Res
COEN Coen 8.38 206 eP Pn 21 41 46.1 -0.3

22d 22h

IDC 22:21:39.51:7.18:0, 17:34S:179.06W, h627km, 242km, mb3.3/5, mb1 3.5/5, mb1mx3.1/18, mbtomp3.3/5, Error ellipse: s-maj=118.9km s-min=77.1km az=155.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTAK, STKA, WRA, ASAR, TXAR, and GUC 22:21:44.27:4.0:19, 19:31S:69.46W, h96km, 3km, ML3.9, Northern Chile.

NIED 22:21:46:00, 24:70N, 121:80E, h92km, Mw4.1 Best double couple: Mb1.85000x1019, VP1=166.00000, s84.00000, 1.148, 0.00000, NP2=260.00000, s58.00000, 1.7, 0.00000, BJI 22:21:46:05.7, 24:58N, 121:67E, h8km, mb4.1/8, ML3.9/7, ISCJB 22:21:46:08.9:0.2, 24:55N:02:12:79E:0.0, h78km, 2km, mb3.8/22, Error ellipse: s-maj=4.5km s-min=2.6km az=26.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ENA, TWC, EHP, ENTT, ILA, EGS, NACS, NANS, NNS, YHNB, NSK, NSK, TWD, TWD, TWA, TWB1, TWB2, TATO, HWA, NWF, NWF, TAP, TAP, WHF, TWT, TWT, ESF, TWS1, TWS2, NCU, NCU, NSTT, NSTT, ESL, TWW, TWW, HSN, HSN, TEQC, TQW1, TQW1.

2009 NOV

Table with columns: NSY, Sany, Sun Moon Lake, SMLT, SMLT, YC, YC, YC, SSLB, EHY, TCU, YOJ, YOJ, YOJ, YOJ, PCYT, WNT, WNT, YULB, YULB, TWFI, YUS, YUS, ALS, ALS, CHNS, CHNS, WGK, WGK, CHKT, WTCT, WTCT, WTC, TPUB, TPUB, CHY, CHY, WTP, WTP, WSF, WSF, WSF, TWK, TWK, CHN1, CHN1, SGST, SGST, TWG, TWG, TWG, TWG, CHN3, ECL, SSD, SSD, TWM1, SGLT, PNG, PNG, EAST, TAW, WDT, SCZT, LAY, TWP, TWK1, TSEB, QZH, QZH, QZH, KNM, JMW, JMW, JOW, ENH, KSR5, KSR5, XAN, XAN, XAN, USRK, CMAR, CMAR, GGT, GGT, ULN, ULN, SONM, SONM, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKMK, KURK, WRAB, WRA, TIXI, BRVK, ASAR, ABKAR, ARU, KIV, ILAR, FINES, AKASO, BRTR, GERES.

CASC 22:21:47:12.2:3.2, 13:82N:92:89W, h111km, 70km, MD3.8, IDC 22:21:47:26:8.4, 9, 14:54N:92:07W, h79km, 35km, mb3.6/5, mb1 3.8/7, mb1mx3.5/23, mbtomp3.4/7, Error ellipse: s-maj=68.4km s-min=36.7km az=24.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAT, JAT, PCG, PCG, IKG, IKG, NBS, NBS, APG, APG, RBDL, RBDL, SNEJ, SNEJ, MRL, MRL, BOQS, BOQS, TEJ, TEJ, TXAR, PDAR, NVAR, SCHO, YKA, ILAR, CMAR.

NEIC 22:22:07:48.2:0.1, 39:63S:74:97W, h7km, mb5.8/165, ME5.5, MS5.4/151, MW5.9, MW5.9, ML5.7(GUC), Error ellipse: s-maj=4.8km s-min=3.3km az=69.0, Moment Tensor Solution. s70 Moment tensor: Scale 1017Nm; Mr=6.63; Ms=0.60; Mz=7.23; Ms1.52; Ms1.15; Msr.3.55; Best double couple: Mb8.00000x1017, NP1=353.00000, s59.00000, 1.07, 0.00000, NP2=204.00000, s34.00000, 1.64, 0.00000. Principal axes: T 8.1500, P12.0000, Azm95.0000; N -0.2500, P14.0000, Azm11.0000; P -7.9100, P17.0000, Azm225.0000; Gradient fault plane solution: P waves. NP1: s216.00000, s32.00000, 1.54, 0.00000; NP2: s355.00000, s65.00000, 1.10, 0.00000. Principal axes: Azm18.0000; Azm10.0000; T P10.0000; Azm0.0000; P P164.0000; Azm231.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC 22:22:07:51.2:0.1, 39:53S:75:02W, h33km, h33km, Mb5.7/189, MS5.4/170, Error ellipse: s-maj=3.3km s-min=2.8km az=142.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLCH, VLCH, OSCH, OSCH, PMCH, PMCH, HUNY, HUNY, PLCA, PLCA, PLCA, PLCA.



Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like PASO FLORES, PLCA, CCHI, COCH, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like JTS, QSPA, RKT, GRGR, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like JCT, JCT, JCT, 628A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like GDL2, GNAR, 225A, 127A, 229A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like V32A, URZ, 120A, 222A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like V25A, SSPA, W22A, V24A, etc.

HRV	comp-Z,94nm,1.4s	81.75	3	eP	P	22 20 07.9 +0.8	JFWS	comp-Z,822nm,19.0s	83.28	327	↑	P	22 20 16.9 +1.5	TPNV	baz=85,SNR=36	85.06	328	eP	P	22 20 25.8 +1.4
HRV	Adam Dzewonsk	81.75	3	eP	P	22 20 07.9 +0.8	HEC	Hector,Ludlow	83.28	327	↑	P	22 20 16.9 +1.5	TPNV	Topopah Spring	85.06	328	eP	P	22 20 25.8 +1.4
R26A	Arling	81.76	338	↑	P	22 20 08.1 +0.7	BGNE	Bogard,SNR=28	83.29	343	eP	P	22 20 16.0 +0.8	TPNV	Topopah Spring	85.06	328	eP	P	22 20 25.8 +1.4
P31A	Stockton	81.80	341	↑	P	22 20 07.9 +0.5	BGNE	Belgrade	83.29	343	eP	P	22 20 15.4 +0.2	TPNV	Topopah Spring	85.06	328	↓	P	22 20 25.9 +1.4
AAM	Ann Arbor	81.86	354	eP	P	22 20 07.5 -0.1	P24A	Kohler Place,	83.31	337	↓	P	22 20 16.4 +0.9	M24A	Cheyenne	85.08	338	↑	P	22 20 25.5 +1.0
AAM	Ann Arbor	81.86	354	eP	MLR	22 20 07.5 -0.1	N29A	Votaw Ranch, W	83.34	341	↑	P	22 20 16.2 +0.7	K29A	Lazy Trails An	85.09	342	↓	P	22 20 24.9 +0.5
AAM	Ann Arbor	81.86	354	eP	LR	22 20 07.5 -0.1	BFCO	Mount Baldy Ra	83.34	326	↑	P	22 20 16.8 +1.0	PHWY	Pilot Hill	85.12	337	eP	P	22 20 17.2 -7.6
R25A	Fountain Ranch	81.86	337	↑	P	22 20 08.7 +0.7	M31A	Lambicht Ranc	83.42	342	↓	P	22 20 16.5 +0.6	L26A	Underwood Farm	85.12	339	P	P	22 20 25.3 +0.7
SDCO	Great Sand Dun	81.87	336	eP	P	22 20 08.9 +0.7	N28A	Pribbeno Ranch	83.45	340	↑	P	22 20 16.6 +0.5	ECSD	EROS Data Cent	85.18	344	eP	P	22 20 24.9 +0.2
SDCO	Wapatki	81.89	331	eP	LR	22 20 09.4 +1.2	P23A	Jefferson	83.46	336	↑	P	22 20 17.8 +1.2	ECSD	EROS Data Cent	85.18	344	eP	LR	22 20 24.9 +0.2
WUAZ	Wapatki	81.89	331	↓	LR	22 20 09.6 +1.4	LBNH	Lisbon	83.47	2	eP	P	22 20 16.3 +0.3	SMCC	Simmler	85.28	325	P	P	22 20 27.0 +1.6
WUAZ	Wapatki	81.89	331	↓	P	22 20 09.6 +1.4	LBNH	Lisbon	83.47	2	eP	P	22 20 16.3 +0.3	K28A	Ten Mile Ranch	85.30	341	↑	P	22 20 26.5 +1.0
BC3	Big Chuckawall	81.90	327	↓	P	22 20 09.4 +1.2	LBNH	Lisbon	83.47	2	eP	P	22 20 16.3 +0.3	VES	Vestal, Richgr	85.32	325	↓	P	22 20 26.7 +1.2
PDMC1	Parker Dam,Lak	81.91	328	↓	P	22 20 09.5 +1.3	LBNH	Lisbon	83.47	2	eP	P	22 20 16.3 +0.3	M23A	Laramie	85.35	337	↓	P	22 20 26.4 +0.5
TRY	Troy	81.92	1	eP	P	22 20 09.5 +1.5	SLR	Silverton	83.49	118	eP	AMB	22 20 16.1 -0.9	CWC	Cottonwood Cre	85.39	326	↑	P	22 20 27.5 +1.3
MMNV1	Mt. Morris Dam	81.96	358	eP	P	22 20 08.9 +0.7	SLR	Silverton	83.49	118	eP	AMB	22 20 16.1 -0.9	J30A	Dallas	85.42	342	↑	P	22 20 26.1 +0.1
S23A	Nye Farm, Mont	81.99	336	↑	P	22 20 10.0 +1.2	SLR	Silverton	83.49	118	eP	P	22 20 16.1 -0.9	XMAS	Kiritimati	85.44	276	eP	P	22 20 28.2 +1.4
Q28A	Sharon Springs	82.01	339	↓	P	22 20 09.3 +0.7	MWC	Mount Wilson	83.50	325	eP	P	22 20 18.3 +1.6	XMAS	Kiritimati	85.44	276	eP	P	22 20 28.2 +1.4
P30A	Selden	82.04	341	↓	P	22 20 09.4 +0.6	MWC	Mount Wilson	83.50	325	eP	P	22 20 18.3 +1.6	L25A	Engelbretsen Ra	85.47	339	↑	P	22 20 27.3 +0.9
PRYS	Parys	82.09	118	↓	P	22 20 08.9 -0.8	MWC	Mount Wilson	83.50	325	eP	P	22 20 18.3 +1.6	K27A	Fueckinger Fa	85.52	340	↑	P	22 20 27.1 +0.5
PRYS	Parys	82.09	118	↓	P	22 20 08.9 -0.8	PASC	Pasadena Art C	83.52	325	eP	P	22 20 19.3 +2.8	M22A	Cedar Creek Ra	85.55	337	↓	P	22 20 27.7 +0.8
LBTB	Lobatse	82.11	116	↓	P	22 20 09.4 -0.4	O26A	Horse Wrangler	83.52	339	↑	P	22 20 17.7 +1.1	N20A	Spence Gulch,	85.56	335	↓	P	22 20 27.7 +0.7
LBTB	Lobatse	82.11	116	eP	P	22 20 09.7 -0.1	PV04	Paradox Alley	83.57	334	eP	P	22 20 18.3 +1.4	GRAC	Grapevine Rang	85.56	327	↓	P	22 20 28.2 +1.4
KSCO	Kaye Shedlock	82.18	339	eP	P	22 20 11.0 +1.4	RRX	Edison Barstow	83.60	322	↑	P	22 20 18.4 +1.5	L24A	Wheatland	85.65	338	↓	P	22 20 27.7 +0.5
KSCO	Kaye Shedlock	82.18	339	eP	P	22 20 10.6 +1.0	TUQ	Turquoise Moun	83.62	327	↑	P	22 20 18.6 +1.4	J29A	Okreek	85.70	342	↑	P	22 20 27.6 +0.3
R24A	Sanders Place,	82.19	337	↑	P	22 20 11.1 +1.3	O25A	Wigmont	83.63	338	↑	P	22 20 18.4 +1.3	K26A	Motz Farm, Whi	85.77	340	↓	P	22 20 28.4 +0.6
IRM	Iron Mountain	82.20	327	↓	P	22 20 11.1 +1.4	SMCO	Snowmass	83.64	336	eP	P	22 20 18.8 +1.3	K25A	Mack Ranch, Ha	85.79	339	↑	P	22 20 29.3 +0.9
O32A	Brockman Farm,	82.23	342	↓	P	22 20 09.9 +0.2	DECC	Green Verdugo	83.65	325	↑	P	22 20 18.6 +1.3	SPMN	St. Paul	85.91	348	↓	P	22 20 27.9 -0.3
P29A	Atwood	82.27	340	↑	P	22 20 10.7 +0.7	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	SPMN	St. Paul	85.91	348	↓	P	22 20 27.9 -0.3
PFO	Pinyon Flat Ob	82.28	326	eP	P	22 20 11.8 +1.6	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	L23A	Garrett	85.94	338	↓	P	22 20 29.0 +0.2
PFO	Pinyon Flat Ob	82.28	326	eP	LR	22 20 11.8 +1.6	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	J28A	Allard Ranch,	85.94	341	↓	P	22 20 29.0 +0.4
PFO	Pinyon Flat Ob	82.28	326	eP	LR	22 20 11.8 +1.6	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	I30A	Oacoma	85.97	343	↓	P	22 20 28.4 -0.2
S22A	4UR Ranch, Cre	82.29	335	↑	P	22 20 11.6 +1.2	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	MPU	Maple Canyon	85.97	333	eP	P	22 20 29.9 +0.9
Ouz	Omahuta	82.32	230	eP	P	22 20 09.8 -0.8	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	TIN	Tinemaha	85.97	327	↑	P	22 20 30.4 +1.4
Q26A	Hugo	82.35	338	↓	P	22 20 11.5 +1.0	ISCO	Idaho Springs	83.73	337	eP	P	22 20 18.9 +0.8	J27A	Elkhorn Farn	85.97	341	↓	P	22 20 29.6 +0.8
MVCO	Mesa Verde	82.36	334	eP	P	22 20 11.7 +0.9	LONY	Lake Ozonia	83.80	0	eP	P	22 20 18.8 +1.0	R11A	Troy Canyon, C	85.99	329	eP	P	22 20 30.3 +1.3
MVCO	Mesa Verde	82.36	334	eP	LR	22 20 11.7 +0.9	LONY	Lake Ozonia	83.80	0	eP	P	22 20 18.8 +1.0	R11A	Troy Canyon, C	85.99	329	eP	P	22 20 30.3 +1.3
MVCO	Mesa Verde	82.36	334	eP	LR	22 20 11.7 +0.9	OGNE	Ogallala	83.82	340	eP	P	22 20 19.1 +1.1	R11A	Troy Canyon, C	85.99	329	eP	P	22 20 30.3 +1.3
RUDU	RUNDU	82.37	107	eP	P	22 20 12.6 +1.4	OGNE	Ogallala	83.82	340	eP	P	22 20 19.1 +1.1	RWWY	Rawlins	86.00	332	eP	P	22 20 37.4 +8.2
RUDU	RUNDU	82.37	107	eP	AMB	22 20 12.6 +1.4	OGNE	Ogallala	83.82	340	eP	P	22 20 19.1 +1.1	NLU	North Lily Min	86.07	336	eP	P	22 20 30.6 +1.1
RUDU	RUNDU	82.37	107	eP	P	22 20 12.6 +1.4	OGNE	Ogallala	83.82	340	↑	P	22 20 18.6 +0.6	L22A	Ellis Ranch, M	86.08	337	↓	P	22 20 30.6 +1.1
R23A	Moffat	82.38	336	↑	P	22 20 12.0 +1.1	M30A	Dale-Ortello V	83.82	342	↑	P	22 20 18.5 +0.6	DAU	Daniels Canyon	86.19	333	eP	P	22 20 31.0 +0.8
O31A	Woolen Ranch,	82.38	341	↑	P	22 20 12.1 +1.6	N27A	Anderson Farm,	83.83	339	↓	P	22 20 19.0 +0.9	DAU	Daniels Canyon	86.19	333	eP	P	22 20 31.0 +0.8
BELC	Belle Mtn. Jos	82.42	327	↑	P	22 20 12.3 +1.3	BLG	Laguna Peak	83.85	325	P	P	22 20 19.6 +1.4	K24A	Anderson Ranch	86.24	338	↓	P	22 20 31.0 +0.8
P28A	Saint Francis	82.46	339	↓	P	22 20 11.8 +0.7	GSC	Goldstone	83.88	327	eP	P	22 20 19.9 +1.4	I29A	Vivian Onida	86.27	342	↓	P	22 20 29.9 -0.3
W13A	Hualapai Mount	82.50	329	↑	P	22 20 12.8 +1.3	GSC	Goldstone	83.88	327	eP	P	22 20 19.9 +1.4	J26A	Sides Ranch, 7	86.31	340	↓	P	22 20 30.9 +0.5
NEE2	Needles Airpor	82.51	328	P	P	22 20 12.5 +1.2	GSC	Goldstone	83.88	327	eP	P	22 20 19.9 +1.4	BRSD	Miller	86.36	343	eP	P	22 20 30.9 +0.3
Q25A	Adirondack Com	82.58	1	eP	P	22 20 11.9 +0.5	GSC	Goldstone	83.88	327	↓	P	22 20 19.9 +1.4	BRSD	Miller	86.36	343	↑	P	22 20 30.4 -0.2
O30A	NW Ranch, Wils	82.59	341	↓	P	22 20 12.2 +0.6	WVL	Waterville	83.89	4	eP	P	22 20 19.5 +1.4	AFI	Afiamalu	86.36	255	P	LR	22 20 40.0 +8.5
MURC	Murrieta	82.60	326	↑	P	22 20 12.9 +1.1	O24A	Ogallala	83.92	337	↓	P	22 20 19.5 +0.9	AFI	Afiamalu	86.36	255	P	LR	22 20 40.0 +8.5
KLOF	Kloof	82.64	118	eP	AMB	22 20 12.4 -0.2	M29A	Burnside Ranch	83.94	341	↑	P	22 20 19.2 +0.6	MTUM	Tungsten Hills	86.37	327	eP	P	22 20 32.2 +1.2
KLOF	Kloof	82.64	118	eP	P	22 20 12.4 -0.2	P22A	Eagle	83.95	336	↑	P	22 20 19.9 +1.0	JLU	Jordanelle	86.42	333	eP	P	22 20 32.1 +0.8
P27A	Ficken Ranch,	82.67	339	↑	P	22 20 13.0 +0.8	FRNY	Flat Rock	83.98	1	eP	P	22 20 19.7 +0.9	I28A	Midland	86.46	341	↓	P	22 20 31.3 +0.3
N32A	Stulken Farm,	82.71	342	↓	P	22 20 12.7 +0.5	EDW2	Edwards Air Fo	84.03	326	↑	P	22 20 20.2 +1.0	K23A	Bowen Ranch, D	86.50	338	↑	P	22 20 31.9 +0.4
O29A	4D Ranch, Culb	82.73	340	↑	P	22 20 12.9 +0.6	SADO	Sadowa	84.03	357	P	P	22 20 18.5 -0.3	DUG	Dugway	86.55	332	eP	P	22 20 32.8 +1.0
SCIA	State Center	82.76	346	eP	P	22 20 12.7 +0.3	SADO	Sadowa	84.03	357	P	P	22 20 18.5 -0.3	DUG	Dugway	86.55	332	eP	MLR	22 20 32.8 +1.0
SCIA	State Center	82.76	346</																	

22d 22h

Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like WAKR Walker, BW06 Boulder Array, PDAR Pinedale Array, etc.

2009 NOV

Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like HLID comp=Z,104nm,1.6s, B29A comp=Z,582nm,21.0s, etc.

850

Table with columns: Station, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like D08A Wollman Farm, NEW Newport, CAN Canberra, etc.





Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MSVF Nonsavu, RPZ Rata Peaks, DZM Mont Dzumac, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like RKT Rikitea, KWAJ Kwajalein Atol, WRAB Tennant Creek, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SPSI Sidrap Palu, TTSI Tana Toraja, MJSI Majo, etc.





Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TXAR, Lajitas Array, Mary Lane Ranc, DUG, Chengdu, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 632A, LZH, Lanzhou, MZX, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SONM, Songino Array, BGNE, etc.



Table with columns for call sign, frequency, power, and other parameters. Includes call signs like BRTR, CSS, BBLA, MAMC, BLSS, SUW, ANTO, etc.

Table with columns for call sign, frequency, power, and other parameters. Includes call signs like UPC, PSZ, BRG, BRG, NPS, etc.

Table with columns for call sign, frequency, power, and other parameters. Includes call signs like SOKA, UPM, RLS, MENS, NKY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like BGF, RSL, MFF, LPL, LRG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like CMAH, ABEA, ABSA, etc.

DC 22:22:50.54.2.0.4, 10.07N:61.02W, h0km, mb4.3/30, mb1.4.5/31, mb1mx4.4/37, mbtmp4.4/31, ML3.3/1, MS5.1/15, MS1.5/15, ms1mx4.8/41, Error ellipse: s-maj=13.1km s-min=10.7km az=1.9

GCMT 22:22:50.57.5.0.3, 9.86N:60.84W, h18km, 1km, MW5.2, Moment Tensor Solution, s23.e24; s81.c124; Moment tensor: Scale: 10^10Nm; Mrr1.94;4.3; Mss-5.3;3.7; Mss-3.49;3.32; Mss2.22;7.6; Mss-5.72;2.7; Mr-1.48;7.8; Best double couple: M7.900000;1016 NP1.0e10000000; d79.000000; a157.000000. NP2.0e201.000000; d68.000000; a12.000000. Principal axes: T 7.3000, Plg2.000000; Azm62.000000; N 1.1100, Plg65.000000; Azm262.000000; -8.4100, Plg8.000000; Azm155.000000; Data Used: IIU CN CU G IC.

ISCJB 22:22:50.58.5.0.4, 10.00N:0.02E:61.11W:0.03, h45km, 2km, mb4.7/78, MS5.1/21, Error ellipse: s-maj=4.6km s-min=3.7km az=1.9

FUNV 22:22:50.59.9.92N:60.97W, h35km, MW4.7, NEIC 22:22:51.00.1.0.4, 10.03N:61.04W, h41km, 3km, mb5.0/51, MD4.8(TRN), Error ellipse: s-maj=4.5km s-min=3.7km az=133.0

NEIC Felt [III] at San Fernando. Also felt at Arima, Debe, Penal, Princes Town, Rio Claro and Sangre Grande. Felt at Ciudad Guayana, Venezuela.

BUI 22:22:51.01.6.1, 10.40N:61.15W, h46km, mb5.6/7, MS5.5/7, MS7.5/19

TRN 22:22:51.02.9.10, 34N:61.07W, h30km, MD4.8, TRN Felt [III] in Penz. Trinidad

ISC 22:22:51.00.4.0.8, 10.12N:0.04E:61.04W:0.04, h42km, 6km, N503, s107/521, mb4.8/77, MS5.1/21, 114C-134D, Trinidad

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like TBH, TBI, TPI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Rows include stations like SJC, SJS, SDV, etc.

Y33A	baz=42 Hilltop Ranch, baz=42	41.81 311	U P	P	22 58 46.2 +0.1	P31A	comp=Z,1um,18.6s,ba z=352,slow=34	44.93 317	U P	P	22 59 11.8 +0.5	Y21A	baz=49 Point of Rocks	48.79 307	U P	P	22 59 42.1 +0.3
531A	baz=42 Rocksprings baz=42,SNR=9.1	41.83 304	U P	P	22 58 46.1 -0.3	R30A	baz=45 Dighton	44.94 315	U P	P	22 59 11.5 +0.1	G28A	baz=49 Parade	48.81 323	U P	P	22 59 42.8 +1.3
X33A	baz=42 Lawton	41.95 311	U P	P	22 58 47.5 +0.2	127A	baz=45,SNR=14 Arkansas Junct	44.94 307	U P	P	22 59 11.4 -0.2	V22A	baz=49 San Miguel Ran	48.82 309	U P	P	22 59 42.0 0.0
ABTX	baz=42 Abilene, Hawle	42.01 308	eP	P	22 58 46.6 -1.3	MSTX	baz=45,SNR=16 Muleshoe	44.95 308	eP	P	22 59 11.6 0.0	R23A	baz=49 Moffat	48.84 312	U P	P	22 59 42.2 0.0
ABTX	baz=42,SNR=11 Abilene, Hawle	42.01 308	U P	P	22 58 47.2 -0.7	MSTX	baz=45,SNR=16 Muleshoe	44.95 308	U P	P	22 59 11.4 -0.2	220A	baz=49 Playas Peak, P	48.88 304	U P	P	22 59 42.3 -0.1
431A	baz=42,SNR=14 Sonora	42.05 305	U P	P	22 58 47.7 -0.5	Z27A	baz=45 Tatum	45.05 307	U P	P	22 59 11.7 -0.7	E29A	baz=49 Napoleon	48.91 325	U P	P	22 59 43.5 +1.3
CFAA	baz=42 Coronel Fontan	42.06 189	P	P	22 58 45.5 -2.7	T29A	baz=45,SNR=10 Hugoton	45.14 313	U P	P	22 59 12.9 -0.1	I27A	baz=49 Quinn	48.96 321	U P	P	22 59 43.8 +1.1
CFAA	baz=42,SNR=11 Coronel Fontan	42.06 189	P	P	22 58 45.5 -2.7	Y27A	baz=45 Cauzey	45.22 308	U P	P	22 59 13.5 -0.3	X21A	baz=49 Alamocita Cree	49.02 307	U P	P	22 59 43.5 -0.1
331A	baz=42,SNR=7.2 San Angelo	42.13 306	U P	P	22 58 48.4 -0.5	Q30A	baz=45 Quinter	45.23 316	U P	P	22 59 13.5 -0.2	F28A	baz=49 Kaulaghlin	49.16 324	U P	P	22 59 45.2 +1.0
U34A	baz=42,SNR=11 Anderson Ranch	42.14 314	U P	P	22 58 48.7 -0.1	226B	baz=46 Tecolote Peak,	45.39 305	U P	P	22 59 14.5 -0.6	J26A	baz=49 Sides Ranch, S	49.22 320	U P	P	22 59 45.1 +0.3
Z32A	baz=42 Haskell	42.16 309	U P	P	22 58 48.7 -0.4	X27A	baz=46 F and S Farms,	45.45 309	U P	P	22 59 15.1 -0.5	ULM	baz=49 Lac du Bonnet	49.26 331	P	P	22 59 43.8 -1.0
W33A	baz=42 Caddo, Fort Co	42.20 312	U P	P	22 58 49.4 0.0	126A	baz=46 Clayton Basin,	45.46 306	U P	P	22 59 14.7 -0.9	ULM	baz=49 Lac du Bonnet	49.26 331	P	P	22 59 43.8 -1.0
WMOK	baz=42 Wichita Mounta	42.25 311	eP	P	22 58 49.6 -0.1	U28A	baz=46 Mallet	45.49 312	U P	P	22 59 15.7 -0.2	ULM	comp=Z,2um,18.6s,ba z=317,slow=35		LR	LR	23 19 51.4
WMOK	ePP Wichita Mounta			PP	23 00 28.1 -0.1	ECS	baz=46 EROS Data Cent	45.51 324	eP	P	22 59 16.2 +0.4	Z20A	baz=49 Nine Sixteen R	49.26 305	U P	P	22 59 45.4 +0.1
WMOK	ePP Wichita Mounta			PP	23 00 42.3 -0.9	P31A	baz=46 Selden	45.52 317	U P	P	22 59 15.9 -0.1	H27A	baz=49 Howes	49.27 305	U P	P	22 59 45.0 -0.1
P31A	baz=42 Bronte	42.27 307	U P	P	22 58 49.3 -0.7	W27A	baz=46 Bowe Ranch, En	45.59 310	U P	P	22 59 16.6 -0.1	Y20A	baz=49 Horse Springs,	49.32 306	U P	P	22 59 45.1 -0.7
V33A	baz=42 Lossen Ranch,	42.38 313	U P	P	22 58 50.9 +0.2	Z26A	baz=46 Caprock	45.64 307	U P	P	22 59 16.5 -0.6	P23A	baz=49 Jefferson	49.32 314	U P	P	22 59 46.0 +0.1
SCIA	baz=42 State Center	42.42 324	eP	P	22 58 51.8 +0.8	425A	baz=46 Indio Mountain	45.66 303	U P	P	22 59 16.6 -0.7	ISCO	baz=49 Idaho Springs	49.34 315	U P	P	22 59 45.7 -0.3
Y32A	baz=42 R-V Farms, Ver	42.42 310	U P	P	22 58 50.9 -0.2	Y27A	baz=46 Dan Oppiter Fa	45.69 311	U P	P	22 59 16.7 -0.8	319A	baz=49 Douglas	49.36 303	U P	P	22 59 46.3 +0.3
530A	baz=42,SNR=6.1 J-C Ranch, Com	42.47 304	U P	P	22 58 51.1 -0.5	Q29A	baz=46 Oakley	45.71 316	U P	P	22 59 17.1 -0.4	S22A	baz=50 4UR Ranch, Cre	49.41 312	U P	P	22 59 46.4 -0.1
X32A	baz=43 Elmer	42.48 311	U P	P	22 58 51.6 0.0	O30A	baz=46 NW Ranch, Wils	45.71 318	U P	P	22 59 17.5 0.0	M24A	baz=50 Cheyenne	49.51 317	U P	P	22 59 47.4 +0.3
430A	baz=43 Baggett Ranch,	42.60 305	U P	P	22 58 52.4 -0.3	T28A	baz=46 Walsh	45.72 313	U P	P	22 59 16.8 -0.8	G27A	baz=50 Dupree	49.58 323	U P	P	22 59 47.5 +0.1
131A	baz=43 Roby	42.61 308	U P	P	22 58 51.4 -1.4	Y26A	baz=46 Eliada	45.75 308	U P	P	22 59 17.6 -0.4	H26A	baz=50,SNR=14 Fairpoint	49.69 321	U P	P	22 59 48.5 +0.2
Z31A	baz=43,SNR=14 Sharp Cattle R	42.68 309	U P	P	22 58 52.9 -0.3	S28A	baz=46 Manter	45.77 314	U P	P	22 59 17.7 -0.3	O23A	baz=50 Lake Granby, G	49.72 315	U P	P	22 59 48.6 -0.2
W32A	baz=43,SNR=14 Sentinel	42.76 312	U P	P	22 58 53.6 -0.3	325A	baz=46 Bean Ranch, Si	45.82 304	U P	P	22 59 17.7 -0.9	W20A	baz=50 Ramah	49.79 308	U P	P	22 59 49.2 -0.1
330A	baz=43,SNR=8.6 Mertzon	42.76 306	U P	P	22 58 53.4 -0.6	225A	baz=46,SNR=34 Deer Hill, Car	45.93 305	U P	P	22 59 19.9 +0.4	F27A	baz=50 Lemmon	49.89 323	U P	P	22 59 49.8 0.0
KSU1	baz=42,SNR=12 Kansas State U	42.88 318	eP	P	22 58 54.8 0.0	U27A	baz=46 Thompson Grove	45.95 312	U P	P	22 59 19.1 -0.4	E27A	baz=50 Carson	49.93 322	U P	P	22 59 50.6 +0.6
230A	baz=42,SNR=7.5 Sterling City	42.89 306	U P	P	22 58 54.4 -0.7	X26A	baz=46 CR and CF Fran	45.96 309	U P	P	22 59 19.5 -0.2	G26A	baz=50,SNR=19 Maurine	49.93 324	U P	P	22 59 50.1 0.0
Y31A	baz=43 Rekieta Farm,	43.03 310	U P	P	22 58 55.7 -0.4	125A	baz=46 Gardner Draw,	45.97 306	U P	P	22 59 19.1 -0.6	I25A	baz=50 Rochford	49.99 320	U P	P	22 59 50.6 -0.1
130A	baz=43,SNR=7.1 Snyder	43.03 307	U P	P	22 58 55.8 -0.4	R28A	baz=46 Tribune	46.04 314	U P	P	22 59 20.0 -0.1	SMCO	baz=50 Snowmass	50.05 313	eP	P	22 59 51.8 +0.3
S33A	baz=43,SNR=8.6 Kaszmual Farm,	43.03 316	U P	P	22 58 56.1 -0.5	W26A	baz=46,SNR=8.0 Owens Ranch, T	46.13 309	U P	P	22 59 20.8 -0.1	P22A	baz=50 Eagle	50.06 314	U P	P	22 59 51.5 0.0
429A	baz=43,SNR=8.6 Davenport Ranc	43.08 304	U P	P	22 58 56.1 -0.5	T27A	baz=46 Campo	46.13 312	U P	P	22 59 20.3 -0.6	H25A	baz=50 Fruitaide	50.20 321	U P	P	22 59 52.4 +0.2
X31A	baz=43,SNR=8.6 McDonald Ranch	43.09 311	U P	P	22 58 55.8 -0.8	Z25A	baz=46 Roswell	46.22 307	U P	P	22 59 20.9 -0.8	RSSD	baz=50 Black Hills	50.23 320	eP	P	22 59 52.3 -0.2
U32A	baz=43 Winter Ranch,	43.15 313	U P	P	22 58 56.9 -0.1	MNTX	baz=46 Cornudas Mount	46.25 304	eP	P	22 59 22.0 +0.2	F26A	baz=50 Lodgepole	50.27 323	U P	P	22 59 53.0 +0.4
529A	baz=43 Stev Forest Ra	43.18 304	U P	P	22 58 56.7 -0.7	324A	baz=46,SNR=10 Moseley Ranch,	46.26 304	U P	P	22 59 21.7 -0.3	N22A	baz=50 Wattenberg Ran	50.33 315	U P	P	22 59 53.6 +0.2
W31A	baz=43 Holland Ranch,	43.30 311	U P	P	22 58 58.1 -0.2	Y26A	baz=46 Tequesquite Ra	46.41 310	U P	P	22 59 22.9 -0.3	L23A	baz=50 Garrett	50.38 317	U P	P	22 59 54.2 +0.5
R33A	baz=43,SNR=11 Olander Ranch,	43.38 316	U P	P	22 58 58.7 -0.2	Y25A	baz=46 Mesa, Roswell	46.42 308	U P	P	22 59 23.1 -0.2	MVCO	baz=50 Mesa Verde	50.46 310	U P	P	22 59 56.2 +1.8
Z30A	baz=44,SNR=17 Sanderson Ranc	43.42 308	U P	P	22 58 58.9 -0.4	224A	baz=46 Cornudas Mount	46.48 305	U P	P	22 59 24.0 +0.2	MVCO	baz=50 Mesa Verde	50.46 310	U P	P	22 59 54.5 +0.1
329A	baz=44 Wagon Wheel Ra	43.44 305	U P	P	22 58 59.0 -0.5	X25A	baz=46 Olemons Ranch	46.61 308	U P	P	22 59 24.2 -0.6	E26A	baz=51 Carson Angus	50.47 324	U P	P	22 59 54.7 +0.5
229A	baz=44 Bryant Ranch,	43.47 316	U P	P	22 58 59.3 -0.4	U26A	baz=46,SNR=12 Atchley Ranch,	46.61 311	U P	P	22 59 24.3 -0.5	M22A	baz=51 Cedar Creek Ra	50.68 316	U P	P	22 59 56.4 +0.3
T32A	baz=44 Huddler Ranch,	43.47 315	U P	P	22 58 60.0 +0.4	124A	baz=46 Stringfield Ra	46.62 306	U P	P	22 59 24.6 -0.3	D26A	baz=51 Manning	50.76 324	U P	P	22 59 56.9 +0.7
Y30A	baz=44 Stafford Cattl	43.48 309	U P	P	22 58 60.5 -0.3	W25A	baz=46 X Bar L Ranch,	46.70 309	U P	P	22 59 24.9 -0.6	PV01	baz=51 Paradox Valley	50.83 311	eP	P	22 59 57.4 +0.1
V31A	baz=44 Spring Creek L	43.48 312	U P	P	22 58 59.8 +0.1	R27A	baz=47 Eads	46.71 314	U P	P	22 59 25.0 -0.5	H24A	baz=51 Dirks Ranch, A	50.85 321	U P	P	22 59 57.1 0.0
628A	baz=44 Black Gap, Mar	43.53 302	U P	P	22 58 59.6 -0.7	Z24A	baz=47 Sheeppen Canyo	46.75 307	U P	P	22 59 25.5 -0.4	C26A	baz=51 Wahner Farm, P	51.00 325	U P	P	22 59 58.9 +0.8
Q33A	baz=44,SNR=7.1 Connelly Farm,	43.63 317	U P	P	22 59 01.2 +0.3	T26A	baz=47 Comanche Natio	46.81 312	U P	P	22 59 25.7 -0.6	K22A	baz=51 Casper	51.16 318	U P	P	22 59 59.8 +0.3
538A	baz=44,SNR=7.1 Cox Ranch, San	43.66 303	U P	P	22 59 00.6 -0.7	S26A	baz=47 Kim	46.91 313	U P	P	22 59 27.0 -0.1	O20A	baz=51 White River Ci	51.32 314	eP	P	23 00 05.2 +4.4
X30A	baz=44 Coker Ranch, T	43.69 310	U P	P	22 59 01.5 0.0	J30A	baz=47 Dallas	46.99 322	U P	P	22 59 27.3 -0.2	F24A	baz=51 Ekakala	51.33 322	U P	P	23 00 00.9 +0.2
129A	baz=44 Stewart Farms,	43.75 307	U P	P	22 59 02.1 +0.1	Y24A	baz=47 Capitan	47.00 307	U P	P	22 59 27.7 -0.2	PLCA	baz=51 Flores	51.36 189	LR	LR	23 21 01.9
428A	baz=44,SNR=22 Kincaid Ranch,	43.75 304	U P	P	22 59 01.9 -0.2	V24A	baz=47 Rampart Ranch,	47.51 310	U P	P	22 59 27.8 -0.5	J22A	baz=52 Midwest	51.47 318	U P	P	23 00 02.0 +0.1
P33A	baz=44 Williams Farm,	43.77 318	U P	P	22 59 01.4 -0.5	U25A	baz=47 Rancho No Teng	47.05 310	U P	P	22 59 28.0 -0.7	G23A	baz=52 Biddle	51.59 321	U P	P	23 00 03.4 +0.7
Z29A	baz=44 Hungry Hill Ra	43.86 308	U P	P	22 59 02.1 -0.7	R26A	baz=47 Circle Dot Ran	47.11 311	U P	P	22 59 28.3 -0.8	K21A	baz=52,SNR=6.7 Alcova	51.64 317	U P	P	23 00 03.4 +0.2
R32A	baz=44 Long Quarter,	43.93 316	U P	P	22 59 03.2 -0.1	X24A	baz=47,SNR=14 Lazy VL Ranch,	47.22 308	U P	P	22 59 28.9 -0.7	I22A	baz=52 9 Mile Ranch,	51.68 319	U P	P	23 00 03.9 +0.5
627A	baz=44 Terlingua Ranc	43.94 302	U P	P	22 59 02.9 -0.8	I30A	baz=47 Oacoma	47.28 322	U P	P	22 59 29.7 0.0	F23A	baz=52 Volborg	51.85 321	U P		

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like A20A Cobblestone Ra, DBIC Dimbokro, HRY Holter Researc, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GTA comp=N,320nm,19.0s, HHC Hu-ho-hao-te, LZH Lanzhou, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KLV Kalavryta, Ach, KLV Kalavryta, Ach, KLV Kalavryta, Ach, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NVLJ, PKSM, BOJS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GRHS, GRSS, FCV, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 631A, 332A, 232A, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PUK, PHP, BCI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDV, SDP, AOCV, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 229A, Y30A, 628A, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NEM2, JRA, JAK, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ROSC, SAML, OTAV, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 428A, 129A, 229A, etc.

Station information for IDC 22:23:04:09.0.0.5, 10.14N-61.01W, h0km, mb4.4/22, mb1.4.5/23, mb1mx4.5/27, mbtmp4.4/23, ML3.2/1, MSS.1/16, Ms1.5.1/16, ms1mx4.8/38, Error ellipse: s-maj=15.5km s-min=12.4km az=116.0

Station information for ROSC El Rosal, 14.14 250 Pn, 2.2nm, 0.3s, baz=101, slow=15, SNR=12

Station information for 428A Kincaid Ranch, 43.71 304 P, 2.4nm, 0.3s, baz=279, slow=20, SNR=3.9

Station information for GCMT 22:23:34:12.8.0.3, 9.90N-60.78W, h12km, MW5.2, Moment Tensor Solution, s22:c24; s87:c152; Moment tensor: Scale 10^10Nm; Mr:0.04;31; Mw:-3.79;28; Ms:3.75;29; Mo:0.05;79; Mv:-8.43;22; Mw:-1.78;83; Best double couple: Ms:9.40000x10^16 NP1:39.152.00000; 888.00000; 1.11.00000; NP2:39.102.00000; 879.00000; 1.178.00000

Station information for SAMP Samuel, 18.96 187 P, 2.4nm, 0.3s, baz=279, slow=20, SNR=3.9

Station information for 129A Stewart Farms, 43.81 307 P, 2.4nm, 0.3s, baz=279, slow=20, SNR=3.9

Station information for IJCBJ 22:23:34:14.3.0.4, 10.02N-0102.61.10W, h0.02, h43km, 3km, mb4.6/45, MS5.2/25, Error ellipse: s-maj=4.4km s-min=3.2km az=41.5

Station information for SAMP Samuel, 18.96 187 P, 2.4nm, 0.3s, baz=279, slow=20, SNR=3.9

Station information for 129A Stewart Farms, 43.81 307 P, 2.4nm, 0.3s, baz=279, slow=20, SNR=3.9

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TBH, TRN, TCE, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WHTX, 434A, 334A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 127A, 127B, 127C, etc.

23d Oh

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Gardner Draw, Tribune, Owens Ranch, etc.

2009 NOV

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Solberg Farm, Iron Mountain, Cobblestone Ra, etc.

862

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CQ2, CQ2, CQ2, etc.

NEIC 22 23:36:20.7, 17:92N-66:34W, h11km, MD2.8(RSPR), After RSPR, RSPR 22 23:36:20.7, 17:92N-66:34W, h11km, MD2.8/5, 14C-2D,

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like San Juan, Cerrillos, Obispo Ponce, etc.

ISCJB 23 00:01:57.9, 0.6, 11:2S:0:1.66:61E:0:10, h13km, mb4, 0/21, Error ellipse: s-maj=16.4km s-min=13.3km az=167.6

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Diego Garcia, Obispo Ponce, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSZ Lusaka, LBTH Lobatse, CMAR Chiang Mai Arr, etc.

MAN 23 00:02:05.9,000N,125°59'E,h13km,mb4.5,ML3.3,MS3.2,3C-2D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BUTAN Butan, SCUP Surigao, CGP Cagayan de Oro, etc.

DJA 23 00:05:21.0,1.3,1°N,8°12'E,s, h10km,M3.7/4,MLV3.7/4,Minahassa Peninsula, Sulawesi

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

ICC 23 00:13:42.3,1.6,43°09'N,28°19'E,h0km,mb3.2/1,mb1.3,1/5,mb1mx3.0,27,mbtpr3.0/5,ML2.7,Error ellipse: s-maj=23.2km s-min=14.1km az=70.0

CSEM 23 00:13:43.8,0.1,43°24'N,28°38'E,h10km,MD3.3,Error ellipse: s-maj=2.7km s-min=1.6km az=78.0

ISCJB 23 00:13:43.4,0.5,43°22'N,01°28'35E,0.03,h16km,5km,mb3.1/1,Error ellipse: s-maj=3.6km s-min=2.0km az=171.6

SOF 23 00:13:44.5,43°29'N,28°29'E,h15km,MD3.3,BEO 23 00:13:44.2,0.9,43°34'N,28°28'E,h0km,ML3.6/7,DDA 23 00:13:47.3,42°7'N,28°23'E,h0km,MD3.4

ISC 23 00:13:43.3,1.1,43°24'N,02°28'37E,0.02,h8km,8km,mb2.9,e097/314,44C-34D,Black Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PSN Presentis, MANR Mangalia, PRD Provadia, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AMRR Amara, PHSR Pinarhisar, CTYL Yal??k??y-?yat, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TESR Tescani, BALLY Balya, BALLY Balya, etc.

NNC 23 01:05:58.6,7.3,37°15'N,71°03'E,h182km,92km,mb2.7,mp3.6,6C-1D,Error ellipse: s-maj=66.9km s-min=35.9km az=14.0,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, TKM2 Tokmak, etc.

MEX 23 01:56:45.5:0.4, 17:33N:101:66W, h5km, MD4.6
NEIC 23 01:56:45.5, 17:33N:101:66W, h5km, mb4.6/62,
MD4.5(MEX), After MEX.
NEIC Felt [I] at Ixtapa and Zihuatanejo.
ISCJB 23 01:56:45.9:0.4, 17:39N:101:34W, h3km,
mb4.6/59, MS3.6/17, Error ellipse: s-maj=5.4km
s-min=3.7km az=13.1
BUJ 23 01:56:51.6, 17:60N:101:20W, h52km, mB5.4/3, Ms5.5/2,
Ms7.5/0.2
GCMT 23 01:56:51.1:0.7, 17:46N:101:36W, h22km, 1km, MW4.9,
Moment Tensor Solution, s18,c18, s84,c82, Moment
Tensor: Scale 10^19Nm, Mr:0.002, Mb:1.33e-15,
Ms:1.67e-15, Mw:1.20e-07, Mu:0.58e-17,
Best double couple: M3.00000:1016 NP1.35,0.00000,
s55.00000, l85.00000, NP2.323,0.00000, s36.00000,
l97.00000, Principal axes: T 3.1800, Plg80.0000,
AzM26.0000; N -0.3000, Plg4.0000, Azm137.0000; P
-2.8800, Plg10.0000, Azm228.0000; Data Used: II CU
G CN IU IC, Surface wave period40 sec.
IDC 23 01:56:58.3:3.9, 18:19N:101:03W, h89km, 33km, mb4.0/11,
mb1.4/15, mb1mx3.9,28,mbtmp4.2/15, MS4.1/21,
Ms1.4/121, ms1mx4.0/37, Error ellipse: s-maj=31.62km
s-min=16.7km az=13.3

ISC 23 01:56:46.6:1.3, 17:38N:101:05W, h161W.0103, h25km, 8km,
n530, s1939/519, mb4.6/57, MS3.4/17, 167C-189D, Near
coast of Guerrero

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, Res. Lists various seismic stations and their characteristics.

Main table of seismic events with columns: Station Name, Az, Op, Phase ID, ISC, h, m, s, Res. Lists numerous stations and their associated seismic data.

Table of seismic events with columns: Station Name, Az, Op, Phase ID, ISC, h, m, s, Res. Lists stations and seismic data, including some with LR (Large Residual) flags.

IRM	Iron Mountain baz=20,SNR=22	20.65 327	↑P	P	02 01 26.0 +1.5	N27A	Anderson Farm, baz=23	23.36 358	↑P	P	02 01 52.5 -0.8	baz=27,SNR=6.9	REDW	Red Top Meadow 42nm,1.4s	27.07 345	eP	P	02 02 27.8 +0.4
MVCO	Mesa Verde 61nm,1.3s	20.67 344	eP	P	02 01 25.4 +0.5	N30A	Hueffle Ranch, baz=20	23.37 3	↓P	P	02 01 52.0 -1.4	BRSD	Miller baz=20	27.07 4	eP	P	02 02 26.8 -0.4	
MVCO	Mesa Verde baz=20,SNR=12	20.67 344	↑P	P	02 01 25.1 +0.2	TPNV	Topopah Spring 43nm,1.4s	23.39 329	eP	P	02 01 55.8 +2.1	BRSD	Miller baz=26	27.07 4	eP	P	02 02 27.0 -0.4	
W13A	Hualapai Mount baz=20	20.77 331	↑P	P	02 01 27.2 +1.2	TPNV	Topopah Spring baz=23,SNR=16	23.39 329	↓P	P	02 01 55.4 +1.7	H27A	Howes baz=27	27.18 359	↓P	P	02 02 27.7 -0.4	
S22A	4UR Ranch, Cre baz=20,SNR=11	20.81 348	↓P	P	02 01 27.1 +0.7	O20A	White River Cr baz=23,SNR=6.0	23.40 347	↓P	P	02 01 54.2 +0.5	TPAW	Teton Pass 21nm,1.1s	27.21 345	eP	P	02 02 28.9 +0.2	
R25A	Fountain Ranch baz=20,SNR=17	20.83 354	↑P	P	02 01 26.6 +0.1	N32A	Stulken Farm, baz=23	23.48 6	↓P	P	02 01 53.2 -1.2	H25A	Fruitdale baz=27,SNR=7.8	27.21 357	↑P	P	02 02 29.3 +0.9	
NEE2	Needles Airpor baz=21	20.86 329	↓P	P	02 01 28.3 +1.6	N24A	Carr baz=23	23.54 354	↑P	P	02 01 54.5 -0.6	H28A	Mission Ridge baz=27	27.22 1	↓P	P	02 02 28.5 0.0	
R27A	Eads baz=20,SNR=28	20.86 357	↑P	P	02 01 26.2 -0.5	ISA	Isabella 90nm,2.2s	23.59 324	eP	P	02 01 57.7 +2.1	LOHW	Long Hollow 26nm,1.4s	27.24 346	eP	P	02 02 29.6 +0.7	
R30A	Dighton baz=20	20.86 3	↑P	P	02 01 25.7 -1.0	ISA	Isabella baz=23	23.59 324	↑P	P	02 01 56.9 +1.3	FXWY	Fox Creek 6nm,1.1s	27.37 345	eP	P	02 02 30.3 +0.2	
R28A	Tribune baz=20,SNR=12	20.89 360	↓P	P	02 01 25.6 -1.5	N22A	Wattenberg Ran baz=23	23.72 351	↑P	P	02 01 56.4 -0.5	H24A	Dirks Ranch, A baz=27	27.40 355	↑P	P	02 02 30.3 +0.2	
R26A	Arlington baz=20,SNR=37	20.91 356	↓P	P	02 01 27.2 -0.1	N23A	Red Feather La baz=23,SNR=9.5	23.73 352	↓P	P	02 01 56.9 -0.2	MOOW	Moose Ponds 10nm,1.1s	27.40 346	eP	P	02 02 30.4 +0.1	
R31A	Burdett baz=20,SNR=12	20.91 5	↑P	P	02 01 25.7 -1.6	USIN	University of 43nm,1.0s	23.88 28	eP	P	02 01 55.6 -2.6	H22A	Clearmont baz=27	27.43 353	↑P	P	02 02 30.6 +0.2	
PFO	Pinyon Flat Ob 30nm,1.3s	20.96 323	eP	P	02 01 28.6 +0.8	M28A	Bar X Bar Ranch baz=23	23.94 0	↑P	P	02 01 58.2 -0.6	I17A	Pilgrim Ck. baz=27	27.53 346	↑P	P	02 02 32.0 +0.5	
PFO	Pinyon Flat Ob baz=21,SNR=6.9	20.96 323	↑P	Pn	02 01 29.9 -0.7	CWC	Cottonwood Cre baz=23	23.94 326	↑P	P	02 02 00.6 +1.6	H21A	Big Horn, Sher baz=27,SNR=5.6	27.55 350	↑P	P	02 02 33.0 +1.5	
PFO	Pinyon Flat Ob 10nm,1.0s,baz=126,slow=6.9,SNR=8.9	20.96 323	P	P	02 01 28.5 +0.6	GRAC	Grapevine Rang baz=24,SNR=7.1	23.99 5	↑P	P	02 02 00.8 +1.5	H20A	Greybull baz=27	27.56 352	↑P	P	02 02 31.9 +0.3	
PFO	comp=Z,550nm,18.2s,baz=150,slow=38	20.97 1	↓P	LR	02 10 21.8	M31A	Lambrecht Ranch baz=24	23.99 5	↑P	P	02 01 58.1 -1.1	FLWY	Flagg Ranch 19nm,1.4s	27.71 346	eP	P	02 02 33.9 +0.8	
R29A	Marienthal baz=20	20.97 1	↓P	P	02 01 27.2 -0.8	M29A	Burnside Ranch baz=24	24.00 2	↑P	P	02 01 58.1 -1.3	FLWY	G26A Maurine baz=27	27.85 358	eP	pP	02 02 46.5 +5.9	
BELC	Belle Mtn. Jos baz=21,SNR=13	20.99 325	↑P	P	02 01 30.0 +1.7	YES	Vestal, Richgr baz=24	24.06 323	↓P	P	02 02 01.7 +1.8	H19A	Powell baz=20,SNR=6.3	27.91 349	↑P	P	02 02 35.9 +1.1	
R24A	Sanders Place, baz=21,SNR=17	21.00 353	↓P	P	02 01 28.4 -0.1	M25A	Palm-Egri Farm baz=24	24.07 355	↑P	P	02 01 59.6 -0.5	G27A	Dupree baz=27	27.92 360	↑P	P	02 02 34.1 -0.7	
R23A	Moffat baz=21	21.06 351	↓P	P	02 01 29.3 +0.1	N20A	Spence Gulch, baz=24	24.07 348	↑P	P	02 02 00.2 0.0	G23A	Biddle baz=27	27.92 354	↑P	P	02 02 34.1 -0.7	
R33A	Olander Ranch, baz=20,SNR=7.2	21.09 8	↓P	P	02 01 27.1 -2.1	PHWY	Pilot Hill 24nm,1.3s	24.07 353	eP	P	02 01 59.3 -1.0	G24A	Alzada baz=28	27.97 356	↑P	P	02 02 34.9 -0.3	
R32A	Long Quarter, baz=21,SNR=5.7	21.12 6	↓P	P	02 01 27.3 -2.2	M27A	Reverse DX Ran baz=24	24.08 359	↓P	P	02 01 59.2 -0.9	H18A	Shoshone NF, C baz=28	28.05 348	↑P	P	02 02 36.3 +0.2	
U15A	North Rim baz=21,SNR=18	21.20 336	↓P	P	02 01 31.5 +0.8	BGNE	Belgrade baz=24	24.13 6	↓P	P	02 01 59.2 -1.3	HLID	Hailey 7.3nm,1.1s	28.27 340	eP	P	02 02 39.1 +1.1	
LDFC	Landfair 39nm,1.1s	21.35 328	eP	P	02 01 35.4 +3.3	TKL	Tuckaleechee C 24.14 38	eP	P	02 01 57.4 -3.2	HLID	Hailey baz=28,SNR=5.2	28.27 340	↓P	P	02 02 38.8 +0.8		
MURC	Murrieta baz=21,SNR=10.0	21.38 322	↑P	P	02 01 33.8 +1.4	TKL	Tuckaleechee C 7.2nm,0.7s,baz=196,slow=9.2,SNR=10	24.14 38	P	LR	02 13 55.1	F23A	Volborg baz=28	28.44 354	↑P	P	02 02 38.2 -1.2	
GMRC	Granite Mounta baz=21,SNR=10	21.40 327	↑P	P	02 01 33.8 +1.2	M24A	comp=Z,147nm,18.9s,baz=212,slow=44 Cheyenne baz=24,SNR=6.0	24.17 354	↓P	P	02 02 00.7 -0.3	OTAV	Otavalo 7.7nm,1.3s	28.45 124	eP	P	02 02 46.1 +5.9	
Q29A	Oakley baz=21,SNR=5.1	21.44 1	↑P	P	02 01 31.3 -1.7	R11A	Troy Canyon, baz=24,SNR=17	24.22 332	eP	P	02 02 03.0 +1.4	F24A	Ekalaka baz=29	28.48 356	↑P	P	02 02 38.5 -1.3	
TIGA	Tifton baz=21	21.52 46	↓P	P	02 01 31.3 -2.5	R11A	Troy Canyon, baz=24,SNR=17	24.22 332	↑P	P	02 02 02.7 +1.2	SPMN	St. Paul baz=28	28.73 13	↑P	P	02 02 40.3 -1.6	
Q26A	Hugo baz=21,SNR=15	21.53 356	↑P	P	02 01 33.2 -0.8	M23A	Laramie baz=24,SNR=5.3	24.27 352	↑P	P	02 02 01.9 -0.2	F20A	Billings baz=28	28.86 350	↑P	P	02 02 42.8 -0.4	
Q30A	Quinter baz=21,SNR=6.3	21.55 3	↓P	P	02 01 33.0 -1.2	M22A	Cedar Creek Ra baz=24	24.33 351	↑P	P	02 02 02.5 -0.1	MCMT	McKenzie Canyo 4.4nm,1.0s	28.95 343	eP	P	02 02 45.5 +1.4	
PV01	Paradox Valley 1um,1.0s	21.56 345	eP	P	02 01 35.4 +0.9	RCTC	Rector, Farmer baz=24	24.48 324	↓P	P	02 02 05.5 +1.8	E26A	Carlson Angus baz=26	29.02 359	↑P	P	02 02 43.8 -0.8	
KSCO	Kaye Shedlock' baz=21,SNR=11	21.57 358	eP	P	02 01 34.1 -0.4	L30A	Spencer Herefo baz=24,SNR=6.0	24.54 3	↓P	P	02 02 03.6 -0.7	F19A	Roth Farm, Mol baz=29	29.05 349	↑P	P	02 02 44.5 -0.4	
KSCO	Kaye Shedlock' baz=21,SNR=11	21.57 358	↑P	P	02 01 34.1 -1.0	DUG	Dugway 18nm,1.1s	24.72 339	eP	P	02 02 07.2 +1.1	E28A	Huff baz=29	29.12 1	↑P	P	02 02 44.5 -0.9	
Q25A	Bedland, Calha baz=21,SNR=14	21.58 354	↑P	P	02 01 34.0 -0.7	DUG	Dugway baz=24,SNR=16	24.72 339	↓P	P	02 02 07.2 +1.1	MOD	Modoc 90nm,2.2s	29.22 331	↑P	P	02 02 48.4 +1.9	
Q28A	Sharon Springs baz=21,SNR=7.5	21.61 360	↓P	P	02 01 33.6 -1.2	WCI	Wyandotte Cave 14nm,1.0s	24.73 30	eP	P	02 02 03.7 -2.4	DLMT	Dillon 18nm,1.0s	29.38 344	eP	P	02 02 49.1 +1.2	
Q31A	Ellis baz=21	21.64 5	↑P	P	02 01 33.6 -1.4	L24A	Wheatland baz=24	24.75 354	↑P	P	02 02 06.0 -0.2	BOZ	Bozeman (W) 9 1nm,1.0s	29.40 346	eP	P	02 02 48.8 +0.8	
BBRC	Big Bear Solar baz=22	21.70 324	↑P	P	02 01 36.5 +0.6	L31A	Butterfield Fa baz=24	24.83 5	↑P	P	02 02 06.5 -0.4	E20A	Meyer Farm, Mu baz=29	29.54 351	↑P	P	02 02 48.7 -0.5	
Q32A	Meitler Ranch, baz=21,SNR=6.0	21.70 6	↓P	P	02 01 33.7 -2.0	MTUM	Tungsten Hills L23A Garrett baz=24	24.88 326 24.90 353	eP ↑P	P	02 02 09.8 +2.2 02 02 07.4 -0.4	J08A	Circle Bar Ran 29nm,1.3s	29.59 335	eP	P	02 02 51.4 +1.7	
PBMO	Poplar Bluff 13nm,0.8s	21.70 25	eP	P	02 01 33.1 -2.6	L22A	Ellis Ranch, M baz=24,SNR=8.2	24.92 351	↑P	P	02 02 08.6 +0.7	J19A	Rath Farm, Rou baz=29	29.61 350	↑P	P	02 02 50.0 -0.7	
Q24A	Divide baz=21	21.73 353	↓P	P	02 01 34.7 -1.7	K25A	Mack Ranch, Ha baz=25	25.23 356	↑P	P	02 02 09.9 +0.3	D24A	Glendive baz=29	29.74 356	↑P	P	02 02 50.0 -0.9	
Q23A	Hartsel baz=21,SNR=19	21.77 351	↑P	P	02 01 36.1 -0.6	MLAC	Mammoth Lakes baz=25	25.23 327	↑P	P	02 02 12.7 +1.9	D30A	Buchanan baz=29	29.74 4	↓P	P	02 02 49.5 -1.4	
HEC	Hector Ludlow baz=22,SNR=15	21.79 326	↓P	P	02 01 38.4 +1.6	K27A	Flueckinger Fa baz=25,SNR=11	25.25 359	↑P	P	02 02 10.5 -0.3	LRM	Limekiln Ridge baz=30	29.77 345	eP	P	02 02 51.9 +0.4	
Q33A	Connely Farm, baz=21	21.79 8	↓P	P	02 01 34.5 -2.1	K28A	Ten Mile Ranch baz=25	25.25 0	↓P	P	02 02 10.7 -0.1	M04C	Madcoel baz=30	29.87 329	↑P	P	02 02 53.0 +0.8	
PV04	Paradox Valley baz=22,SNR=24	21.89 344	eP	P	02 01 40.4 +2.5	K30A	Basset baz=25,SNR=8.4	25.27 3	↓P	P	02 02 10.1 -0.8	D22A	Cohagen baz=30,SNR=6.3	29.93 354	↑P	P	02 02 52.1 -0.5	
TUQ	Turquoise Moun baz=22,SNR=24	22.04 327	↑P	P	02 01 40.8 +1.2	K26A	Motz Farm, Whi baz=25	25.28 357	↑P	P	02 02 10.8 -0.2	D21A	La Casta Ranch baz=30	29.94 353	↑P	P	02 02 52.0 -0.7	
KSU1	Kansas State U 15nm,0.8s	22.08 10	eP	P	02 01 37.4 -2.3	KMCS	Kings Mountain baz=25	25.28 42	↑P	P	02 02 09.6 -1.4	M02C	Calban baz=30	30.10 327	↓P	P	02 02 55.6 +1.4	
BFSC	Mount Baldy Ra baz=22,SNR=5.1	22.10 322	↑P	P	02 01 42.0 +1.7	K29A	Lazy Trails An baz=25,SNR=21	25.33 2	↓P	P	02 02 11.8 +0.4	D20A	Manuel Ranch, baz=30	30.12 351	↑P	P	02 02 53.6 -0.6	
P27A	Ficken Ranch, baz=22	22.12 358	↑P	P	02 01 39.5 -0.8	BGU	Big Grassy Mou 5.9nm,1.3s	25.45 340	↑P	P	02 02 13.2 +0.6	C28A	Hausauer Farms baz=30	30.27 2	↓P	P	02 02 55.1 -0.4	
P28A	Saint Francis baz=22,SNR=5.9	22.12 360	↓P	P	02 01 38.5 -1.7	SCIA	State Center 56nm,1.6s	25.48 15	eP	P	02 02 11.3 -1.5	D19A	Cripps Ranch, baz=30	30.31 350	↑P	P	02 02 56.2 +0.3	
P30A	Selden baz=22,SNR=6.7	22.12 3	↑P	P	02 01 38.4 -1.8	NV11	Min Army Sit baz=25	25.49 329	eP	P	02 02 15.0 +2.0	C30A	Nose, Pekin baz=30	30.35 4	↓P	P	02 02 55.8 -0.4	
P31A	Stockton baz=22,SNR=5.8	22.15 5	↓P	P	02 01 38.6 -1.9	K22A	Bowen Ranch, D baz=25	25.53 353	↓P	P	02 02 13.0 -0.3	MDND	Maddock baz=30	30.43 3	↓P	P	02 02 56.1 -0.9	
P26A	Davis Ranch, A baz=22	22.16 356	↑P	P	02 01 39.8 -1.0	K23A	Casper baz=25,SNR=18	25.54 352	↓P	P	02 02 14.3 +0.9	C23A	Lambert baz=30	30.49 355	↑P	P	02 02 57.0 -0.4	
P25A	Willow Gulch B baz=22	22.17 355	↑P	P	02 01 40.2 -0.7	NVAR	Mina Array Bea baz=25,SNR=18	25.56 328	P	P	02 02 16.2 +2.5	C22A	Vida baz=30	30.49 354	↑P	P	02 02 57.5 0.0	
SMCO	Snowmass 33nm,1.2s	22.22 349	eP	P	02 01 42.3 +0.6	NVAR	Mina Array Bea 14nm,0.9s,baz=148,slow=10,SNR=24	25.56 328	P	P	02 02 16.2 +2.5	C20A	Veseth Ranch, baz=30	30.71 352	↑P	P	02 02 59.9 +0.5	
P23A	Jefferson baz=22	22.23 351	↓P	P	02 01 41.8 +0.1	K21A	Alcova baz=25,SNR=18	25.63 350	↑P	P	02 02 15.4 +1.0	C19A	Slate Wire Ran baz=30	30.89 350	↑P	P	02 03 00.5 -0.6	
P33A	Williams Farm, baz=22	22.24 8	↓P	P	02 01 40.2 -1.3	J27A	Elkhorn Farm, baz=25	25.80 359	↑P	P	02 02 16.4 +0.7	CHMT	Chamberlain Mo baz=30	30.99 344	eP	P	02 03 02.6 +0.4	
P24A	Kohler Place, baz=22	22.25 353	↑P	P	02 01 41.5 -0.2	J26A	Sides Ranch, S baz=25,SNR=11	25.88 358	↑P	P	02 02 17.4 +1.0	B28A	Dugan Ranch, T baz=30	31.01 2	↑P	P	02 03 01.1 -0.9	

Table with columns: RKT, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Rikitea, Juan Fernandez, Pomariorio Ree, etc.

ICD 23 02:15:39.0.5.0.27S:132.00E,h0km,mb3.7/1, mb1 3.9/3, mb1mx3.6/16, mbmp3.7/3, ML3.7/2, Error ellipse: s-maj=3.6, s-min=3.2, km az=74.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Warramunga Arr, Alice Springs, etc.

NSSC 23 02:26:54.7.1.9.0.08N:15.27E,h79km,999km ROM 23 02:27:08.6.0.2.39.55N:15.55E,h306km,2km, M1.4/1/8, Error ellipse: s-maj=3.9km s-min=2.0km az=101.0.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Bulgheria - Ca, etc.

Table with columns: BULG, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Bulgheria - Ca, Castrocucco, etc.

Table with columns: BULG, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Bulgheria - Ca, etc.

Table with columns: IPES, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual. Includes stations like Pescosannita, Motta San Giov, etc.



23U 2h

Table with columns: STU, Stuttgart, 10.10 336 ePn, Pn, 02 29 49.3 +0.1, etc. Includes stations like Stuttgart, Hinteralfeld, Cervencia-Dubn, etc.

2009 NOV

Table with columns: RJF, Les Rejaudoux, 11.65 303 ePn, Pn, 02 29 49.3 +0.1, etc. Includes stations like Les Rejaudoux, TCF, TCF, etc.

868

Table with columns: SUW, Suwalki, 15.30 18 eP, P, 02 30 31.7 +0.3, etc. Includes stations like Suwalki, SGFM, SGFM, etc.

869

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ESK, VSU, VORD, KONO, etc.

2009 NOV

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ISAD, ARU, IMEH, AB31, etc.

23d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MK32, MK33, MKAR, etc.

Table with columns for ID, Name, Location, Date/Time, and other details. Includes entries like 530A Jud, A25A Svangstu Ranch, E29A Napoleon, etc.

Table with columns for ID, Name, Location, Date/Time, and other details. Includes entries like K27A Flueckinger Fa, E20A Meyer Farm, BDFB Brasilia, etc.

Table with columns for ID, Name, Location, Date/Time, and other details. Includes entries like BW06 Boulder Springs, PD31 Pinedale Array, U30A WK Inc. Balk, etc.



2009 NOV

126A	baz=88 Clayton Basin, 88.73 313 ↑P	P	02 39 32.2 +0.6
Y23A	baz=88 Lovelace Mesa, 88.91 315 ↑P	P	02 39 32.4 -0.2
428A	baz=89 Wristen Ranch, 88.96 311 ↑P	P	02 39 32.8 +0.1
429A	baz=89 Davenport Ranc, 88.97 310 ↑P	P	02 39 33.3 +0.5
224A	baz=89 Sheepen Canyo, 88.98 314 ↑P	P	02 39 33.4 +0.4
530A	baz=89 J-C Ranch, Com, 88.99 309 ↑P	P	02 39 33.4 +0.5
631A	baz=89 Perdido Creek, 89.06 308 ↑P	P	02 39 33.4 +0.2
125A	baz=89 Gardner Draw, 89.08 313 ↑P	P	02 39 33.5 +0.2
226B	baz=89 Tecolote Peak, 89.23 312 ↑P	P	02 39 34.3 +0.3
W20A	baz=89 Ramah, 89.32 317 ↑P	P	02 39 34.7 +0.2
Y22A	baz=89 Socorro, 89.40 315 ↑P	P	02 39 35.5 +0.7
X21A	baz=89 Alamocita Cree, 89.46 316 ↑P	P	02 39 35.7 +0.5
124A	baz=88 Stringfield Ra, 89.50 314 ↑P	P	02 39 35.9 +0.5
529A	baz=89, SNR=6.9 Stev Forest Ra, 89.53 310 ↑P	P	02 39 36.1 +0.8
326A	baz=89 Caldwell Ranch, 89.59 312 ↑P	P	02 39 36.3 +0.2
427A	baz=89 Hayter Ranch, 89.70 311 ↑P	P	02 39 36.4 +0.2
Y21A	baz=89 Point of Rocks, 89.73 316 ↑P	P	02 39 36.7 +0.2
X20A	baz=89 Quemado, 89.76 317 ↑P	P	02 39 37.0 +0.4
528A	baz=89 Cox Ranch, San, 89.84 310 ↑P	P	02 39 37.6 +0.7
224A	baz=90 Cornudas Mount, 90.00 313 ↑P	P	02 39 37.4 -0.3
426A	baz=90, SNR=8.8 McDonald Obser, 90.19 311 ↑P	P	02 39 39.1 +0.4
MNTX	baz=90, SNR=8.8 Cornudas Mount, 90.20 313 eP	P	02 39 38.4 0.0
MNXX	baz=90, SNR=8.8 Cornudas Mount, 90.20 313 eP	P	02 39 38.4 0.0
U15A	baz=90 North Rim, 90.23 320 ↑P	P	02 39 38.8 0.0
628A	baz=90 Black Gap, Mar, 90.39 310 ↑P	P	02 39 39.9 +0.5
324A	baz=90, SNR=7.3 Moseley Ranch, 90.45 313 ↑P	P	02 39 39.6 -0.1
WUJAZ	baz=90 Wupakti, 90.49 319 ↑P	P	02 39 39.7 -0.2
425A	baz=90 Indio Mountain, 90.66 312 ↑P	P	02 39 40.6 -0.1
526A	baz=90 Mary Lane Ranch, 90.68 311 ↑P	P	02 39 40.7 -0.1
627A	baz=90 Terlingua Ranc, 90.71 310 ↑P	P	02 39 41.4 +0.4
Z20A	baz=91 Nine Sixteen R, 90.91 316 ↑P	P	02 39 42.6 +0.8
121A	baz=91 Cooks Peak, D, 90.91 315 ↑P	P	02 39 42.2 +0.3
LTX	baz=91 Lajitas, 90.97 310 eP	P	02 39 43.3 +1.2
LTX	baz=91 Lajitas, 90.97 310 eP	P	02 39 43.3 +1.2
TX31	baz=91 Lajitas Ar. Si, 90.97 310 eP	P	02 39 42.8 +0.7
TX31	baz=91 Lajitas Ar. Si, 90.97 310 eP	P	02 39 42.8 +0.7
TXAR	baz=91, 0.6s Lajitas Array, 90.97 310 P	P	02 39 43.3 +1.2
TXAR	baz=91, 0.6s Lajitas Array, 90.97 310 P	P	02 39 43.3 +1.2
626A	baz=91, 0.6s, SNR=14 Big Bend Ranch, 91.08 311 ↑P	P	02 39 43.3 +0.7
X16A	baz=91 Lo Mia Camp, P, 91.39 319 ↑P	P	02 39 44.7 +0.6

IDC 23 03:06:37.0±1.2, 3.77N; 126.91E, h0km, mb3.6/7,  
mb1 3.8/7, mb1mx3.6/23, mbtmtp3.7/7, Error ellipse:  
s-maj=91.9km s-min=16.4km az=71.0  
ISC/JB 23 03:06:41.8±1.1, 3.61N; 126.67E, h48km, mb3.6/7,  
Error ellipse: s-maj=89.0km s-min=14.3km az=161.2  
ISC 23 03:06:43.6±1.2, 3.71N; 126.67E, h48km, n7, r099/7,  
mb3.6/7, Talaud Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
FITZ	Fitzroy Crossi	21.70 183	P	03 11 29.5 -1.1	
WRA	Warramunga Arr	24.65 163	P	03 11 59.0 -1.0	
ASAR	Alice Springs	28.08 166	P	03 12 32.1 +1.2	
STKA	Stephens Creek	38.09 159	P	03 13 57.8 -0.1	
SOMN	Songio Array	47.33 341	P	03 15 12.4 -0.4	
MKAR	Makanchi Array	57.29 325	P	03 16 29.0 +0.3	
KURBB	Kurchatov Arra	61.78 327	P	03 16 57.6 +0.3	

IDC 23 03:36:41.6±8.6, 16.48S; 175.48W, h0km, mb3.6/3,  
mb1 3.9/3, mb1mx3.6/17, mbtmtp3.6/3, Error ellipse:  
s-maj=379.0km s-min=36.8km az=141.0, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	47.66 258	P	03 45 19.5 -0.7	
ASAR	Alice Springs	47.88 253	P	03 45 22.2 +0.4	
ILAR	Eielson Array	83.89 12	P	03 49 12.8 0.0	

KRSC 23 03:42:12.4±6.5, 49.82N; 156.88E, h6km, 5km, ML3.8,  
Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SKR	Severo-Kuril's	0.99 331	eP	03 42 32.8 -0.1	
PAU	Pauzhetka	1.65 359	P	03 42 43.6 +0.4	
MTVR	Mutnovka	2.79 17	eP	03 42 59.8 +2.0	
RUS	Russkaya	2.81 21	eP	03 42 59.7 +1.9	
UGLR	Uglovaya	3.60 19	eP	03 43 12.1 +3.2	
KOK	Koryaka	3.65 17	eP	03 43 13.1 +3.6	
KRYK	Koryakskii	3.68 18	eP	03 43 13.0 +3.9	
KRX	Arik	3.71 17	eP	03 43 13.5 +3.1	

IDC 23 03:56:59.0±6.5, 16.41N; 100.55W, h0km, mb3.9/4,  
mb1 4.1/5, mb1mx3.8/23, mbtmtp3.7/5, ML3.3/1, Error  
ellipse: s-maj=150.6km s-min=108.2km az=86.0  
MEX 23 03:57:11.3±0.7, 17.28N; 101.64W, h5km, MD4.1  
ISC 23 03:57:04.3±2.1, 16.95N; 101.31W; 0.06, h1km, 13km,  
n20, r1550/22, mb3.7/4, Near coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
ZIIG	Zihuatanejo	0.67 347	eP	03 57 17.4 +0.4	
CAIG	El Cayaco	1.00 85	eP	03 57 23.7 -2.0	
CAIG	El Cayaco	1.00 85	eP	03 57 23.9 +6.4	
ARIG	Puente Sto Nin	1.61 35	eP	03 57 31.9 +9.4	
ARIG	Puente Sto Nin	1.61 35	eP	03 57 36.6 +1.4	
MEIG	Mezcala	1.88 59	eP	03 57 56.5 +0.4	
MEIG	Mezcala	1.88 59	eP	03 57 43.8 +3.4	
PLIG	Platanillo	2.24 50	eP	03 58 07.3 +2.5	
PLIG	Platanillo	2.24 50	eP	03 57 48.0 +0.8	
MMIG	Aguila	2.35 305	eP	03 58 15.2 -1.1	
MMIG	Aguila	2.35 305	eP	03 58 04.1 -2.7	
TLIG	Tlapa	2.69 77	eP	03 57 57.0 +1.1	
TLIG	Tlapa	2.69 77	eP	03 58 31.5 +0.6	
MOIG	Morelia	2.71 2	eP	03 57 48.8 -0.5	
MOIG	Morelia	2.71 2	eP	03 58 17.5 -5.3	
YAIG	Yautepac	2.86 48	eP	03 57 55.9 -0.3	

YAIG	Pinotepa	3.10 100	eP	03 58 30.5 -1.3	
PNIG	Pinotepa	3.10 100	eP	03 58 03.1 -0.7	
PNIG	Pinotepa	3.10 100	eP	03 58 43.7 -0.4	
UTMO	Huajuapian	3.46 75	eP	03 58 07.0 +0.5	
UTMO	Huajuapian	3.46 75	eP	03 58 49.6 +0.4	
TFAC	Tehuacfan	4.04 68	eP	03 58 14.1 -2.2	
TPIG	Tehuacfan	4.04 68	eP	03 59 02.7 -3.1	
TXAR	Lajitas Array	12.51 350	Pn	04 00 10.3 +6.6	
NVAR	Mina Araya Brea	26.07 329	P	04 02 42.0 +2.3	
PDAR	Pinedale Array	26.67 346	P	04 02 45.9 +0.8	
H03N2	Juan Fernandez	54.48 157	T	05 06 03.2	
H03N1	Juan Fernandez	54.48 157	T	05 06 03.8	
H03N3	Juan Fernandez	54.48 157	T	05 06 04.5	
INK	Inuvik	55.24 346	P	04 06 38.5 -0.2	
ILAR	Eielson Array	56.70 339	P	04 06 49.9 +0.6	

IDC 23 04:00:33.2±2.1, 2.24N; 127.61E, h0km, mb3.5/3,  
mb1 3.7/3, mb1mx3.4/19, mbtmtp3.5/3, Error ellipse:  
s-maj=153.8km s-min=25.9km az=67.0, Northern  
Molucca Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	23.02 164	P	04 05 39.9 -0.1	
ASAR	Alice Springs	26.47 167	P	04 06 12.2 -0.2	
MKAR	Makanchi Array	59.27 325	P	04 10 36.9 +0.2	

DJA 23 04:32:45.5±2.7, 3°S; 4°E; h27km, 35km, M3.6/4,  
ML3.6/4, Seram

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BNDI	Bandanaira	1.82 169	P	04 33 15.1 0.0	
SNIG	Senilagakia	2.00 17	P	04 33 38.3 +1.0	
SWI	Sorong	2.50 43	P	04 33 25.2 +0.8	
NLAI	Namlea	2.52 258	P	04 33 23.8 -0.9	
NLAI	Namlea	2.52 258	P	04 33 53.8 -0.8	
FAKI	Fak Fak	2.68 94	P	04 33 27.3 +0.3	

BJJ 23 04:59:57.1, 18°61N; 145°75E, h589km, mB4.8/27,  
mb4.7/47

ISC/JB 23 04:59:58.9±0.5, 18°60N; 145°48E; 0°04,  
h598km, 6km, mb4.5/93, Error ellipse: s-maj=6.1km  
s-min=6.0km az=22.7  
MOS 23 04:59:58.6±1.0, 18°68N; 145°43E, h591km, mb4.8/36,  
Error ellipse: s-maj=14.0km s-min=6.9km az=116.9  
NEIC 23 04:59:59.5±0.5, 18°63N; 145°51E, h586km, 7km, mb4.5/37,  
Error ellipse: s-maj=5.9km s-min=5.3km az=179.0

IDC 23 05:00:00.8±1.0, 18°61N; 145°53E, h613km, 10km,  
mb3.7/25, mb1 3.9/27, mb1mx3.8/31, mbtmtp3.7/27, Error  
ellipse: s-maj=13.2km s-min=6.9km az=97.0  
ISC 23 04:59:59.1±0.5, 18°54N; 145°53E; 0°06, h590km, 4km,  
h591km; pP-P, n209, r138/252, mb4.5/92, 7C-5D, Mariana  
Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GUM0	Guam	4.96 187	eP	05 01 31.7 +0.5	
GUM0	Guam	4.96 187	eP	05 02 45.5 -0.7	
JCJ	Chichijima	9.05 341	P	05 02 08.7 +0.5	
JCJ	Chichijima	9.05 341	P	05 03 56.8 +2.7	
JHJ2	Mitsue	15.39 342	P	05 03 11.1 +0.1	
JHJ2	Mitsue	15.39 342	eP	05 03 10.3 -0.8	
JHJ2	Mitsue	15.39 342	eS	05 05 47.6 -0.1	
JJG	Sagara	17.34 339	P	05 03 30.4 +1.4	
JJD2	Odawara 2	17.61 342	P	05 03 31.5 +0.0	
JMN	Manabanta	19.36 329	P	05 03 39.8 +0.5	
JNY	Ryogami san	19.58 343	P	05 03 38.3 0.0	
JGF	Kuroka	18.47 339	P	05 03 39.4 +0.1	
JWT	Wachi	18.94 334	P	05 03 43.4 -0.1	
MAJO	Matsushiro	19.06 342	eP	05 03 42.8 -1.8	
MAJO	Matsushiro	19.06 342	eP	05 03 42.8 -1.8	
MAJO	Matsushiro	19.06 342	eP	05 03 44.1 -0.5	
MAT	Matsushiro	19.06 342	eS	05 06 34.4 +6.0	
MAT	Matsushiro	19.06 342	P	05 03 43.8 -0.8	
JAD	Aida	19.20 331	P	05 03 46.1 +0.2	
JNU	Nakatsue	19.58 321	P	05 03 49.4 0.0	
JNU	Nakatsue	19.58 321	eP	05 03 49.5 +0.1	
JNU	Nakatsue	19.58 321	P	05 03 49.4 0.0	
YULB	Yu-li	23.12 286	eP	05 04 21.5 +0.3	
SSLB	Suanqing	23.49 287	eP	05 04 25.2 +0.6	
TPUB	Ta-pu	23.72 286	eP	05 04 27.1 +0.5	
KSRS	Korea Array	24.35 324	P	05 04 31.7 -0.2	
ASAJ	Asahikawa	25.62 355	P	05 04 43.5 +0.5	
VLA	Vladivostok	27.08 338f	eP	05 04 55.4 -0.4	
USRK	Ussuriysk Arra	27.99 339	P	05 05 04.2 +0.4	
YSS	Yuzh-Sakhalins	28.43 356f	iP	05 05 07.9 +0.4	
MDJ	Mudanjiang	29.22 336	P	05 05 15.4 +1.0	
MDJ	Mudanjiang	29.22 336	P	05 05 15.3 +1.0	
MDJ	Mudanjiang	29.22 336	eP	05 05 15.3 +1.0	
CN2	Changchun	30.32 331	eP	05 05 23.5 -0.4	
CN2	Changchun	30.32 331	eS	05 08 09.1 +1.7	
CN2	Changchun	30.32 331	eS	05 09 43.1 -0.4	
WHN	Wuhan	30.67 299	iP	05 05 28.6 +1.5	
HABR	Khabarovsk	31.05 346	P	05 05 27.9 -2.1	
HABR	Khabarovsk	31.05 346	*SP	05 05 14.1 +0.3	
HABR	Khabarovsk	31.05 346	eS	05 09 51.4 -3.0	
HABR	Khabarovsk	31.05 346	eS	05 14 49.6	
KKM	Kota Kinabalu	31.15 250	eP	05 05 33.0 +1.5	
KLR	Kul'dur	32.57 343	eP	05 05 38.8 -4.1	
BJT	Beijiatuau	33.13 316	eP	05 05 48.1 +0.3	
BJI	Beijing	33.13 316	P	05 05 48.1 +0.3	
QIZ	Qiongzong	33.75 277	P	05 05 54.0 +0.7	
QIZ	Qiongzong	33.75 277	S	05 08 34.4 -3.7	
KAPI	Kappang	34.55 230	eP	05 10 37.4 +1.0	
ENH	Enshi	34.69 297	eP	05 06 01.6 +0.5	
PETK	Petroavlovs'k	35.78 13	P	05 06 09.3 -0.3	
XAN	Xi'an	36.05 303	P	05 06 12.3 +0.1	
SBUM	Sibu	36.33 248	eP	05 06 15.9 +1.1	
HHC	Hu-ho-hao-te	36.59 315	eP	05 06 17.3 +0.6	
HHC	Hu-ho-hao-te	36.59 315	S	05 11 22.0 +3.5	
HHC	Hu-ho-hao-te	36.59 315	SS	05 14 24.0 -1.2	

HHC	comp=Z,280nm,4.3s	pmax	pmax	
GYA	Guiyang	36.65 290	P	0

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hailey, Elko, Obninsk, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Goura, Kalithea, Kalavryta, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like FITZ, WRA, ASAR, etc.

Bul 23 05:44:56.3, 49.96N:122.28E, h5km, ML4.1/7, Northeastern China

IDC 23 05:48:49.2, 1.7, 42N:101.50W, h0km, mb4.0/7, m1 3.4/7, m1mx3.2/33, Error ellipse: s-maj=49.0km s-min=18.6km az=46.0

MEX 23 05:48:51.3, 0.4, 17.34N:101.63W, h3km, 3km, MD4.2, NEIC 23 05:48:51.3, 1.7, 34N:101.63W, h3km, mb4.1/7, MD4.2(MEX), After MEX

ISC 23 05:48:50.3, 1.3, 17.32N:101.63W, h1km, 1km, mb4.1/13, mb4.1/13, 13C-19D, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ZIIG, CAIG, ARIG, etc.

ISCJB 23 05:12:51.0, 0.4, 38.24N:02.22E, h12km, 4km, Error ellipse: s-maj=4.6km s-min=3.7km az=165.3

CSEM 23 05:12:51.0, 0.1, 38.24N:22.67E, h10km, ML2.1/7, Error ellipse: s-maj=2.4km s-min=1.8km az=154.0

THE 23 05:12:51.0, 38.24N:22.66E, h15km, 3km, ML2.1/7, Error ellipse: s-maj=3.0km s-min=0.5km az=323.0

ATH 23 05:12:51.1, 38.23N:22.66E, h12km, 6km, MD2.4/8, ISC 23 05:12:51.2, 0.9, 38.24N:02.22E, h14km, 8km, n34, c0941/51, Greece

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DESF, DSF, DSF, etc.

CSEM 23 05:13:51.5, 0.2, 38.23N:22.67E, h17km, 2km, MD2.3, Error ellipse: s-maj=3.9km s-min=3.3km az=16.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DESF, DSF, DSF, etc.



Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like MUXT Muleshoe, BNM Barren Site, BNM McKinney Farm, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like IRM Iron Mountain, U24A Moreno Valley, U22A Lutes, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like LRMC Laurel Mountain, R28A Tribune, PV04 Paradox Valley, etc.

KSU1	Kansas State U comp-Z,293nm,1.5s	22.20	19	eP	P	06 13 34.0 +0.7			
KSU1				LR	LR				
P33A	comp-Z,3um,22.0s Willard Farm, baz=22,SNR=8.0	22.20	16	↑P	P	06 13 33.3 -0.1			
O29A	4D Ranch, Culb baz=22,SNR=7.7	22.20	10	↓P	P	06 13 33.3 -0.1			
MTUM	Tungsten Hills Lakeview Retire	22.23	32	eP	P	06 13 35.7 +1.8			
LRAL	comp-Z,278nm,1.6s	22.23	45	eP	P	06 13 34.3 +0.5			
MPU	Maple Canyon comp-Z,158nm,1.8s	22.34	348	eP	P	06 13 36.1 +1.0			
GNAR	Gosnell comp-Z,2um,1.1s	22.37	347	eP	P	06 13 37.7 +2.5			
NLU	North Lily Min comp-Z,34nm,1.4s	22.38	35	eP	P	06 13 36.9 +1.3			
O30A	NW Ranch, Wils baz=23,SNR=9.9	22.38	11	↓P	P	06 13 35.2 -0.2			
O31A	Woolen Ranch, baz=23,SNR=20	22.50	13	↑P	P	06 13 36.4 -0.1			
N22A	Wattenberg Ran baz=23,SNR=9.9	22.51	358	↑P	P	06 13 37.2 +0.2			
N24A	Carr baz=23,SNR=13	22.53	1	↑P	P	06 13 37.4 +0.4			
N25A	Grover baz=23,SNR=13	22.55	3	↓P	P	06 13 37.5 +0.3			
MLAC	Mammoth Lakes baz=23,SNR=6.8	22.58	332	↑P	P	06 13 37.4 -0.3			
N23A	Red Feather La baz=23	22.59	359	↑P	P	06 13 38.2 +0.4			
N26A	Koester Ranch, baz=23,SNR=6.2	22.61	5	↓P	P	06 13 38.6 +0.7			
N28A	Pribbeno Ranch baz=23,SNR=10	22.65	8	↓P	P	06 13 37.9 -0.3			
N27A	Anderson Farm, baz=23	22.65	6	↓P	P	06 13 38.4 +0.1			
N20A	Spence Gulch, baz=23,SNR=21	22.65	355	↑P	P	06 13 38.8 +0.3			
DAU	Daniels Canyon DAU 22.66 349 eP P	22.66	349	eP	P	06 13 39.2 +0.7			
DAU	Daniels Canyon PBMO	22.66 349 eP P	22.66	349	eP	06 13 39.2 +0.7			
DAU	Poplar Bluff comp-Z,82nm,1.3s	22.77	33	eP	P	06 13 39.7 +0.3			
DUG	Dugway	22.78	345	eP	P	06 13 39.2 -0.5			
DUG	comp-Z,67nm,1.2s				pmx				
DUG	comp-Z,4um,20.0s				MLR				
DUG	comp-Z,67nm,1.2s	22.78	345	eP	P	06 13 39.2 -0.5			
DUG	comp-Z,4um,20.0s				LR				
O32A	Dugway baz=23,SNR=40	22.78	345	↑P	P	06 13 40.0 +0.4			
DUG	Brockman Farm, baz=23,SNR=7.8	22.84	14	↑P	P	06 13 39.7 -0.4			
OGNE	Ogallala comp-Z,366nm,1.6s	22.84	7	↑P	P	06 13 41.8 +1.6			
OGNE	comp-Z,2um,19.0s				LR				
OGNE	Ogallala baz=23	22.84	7	↓P	P	06 13 40.4 +0.2			
JLU	Jordanelle comp-Z,344nm,2.7s	22.88	348	eP	P	06 13 42.6 +1.8			
N29A	Yotaw Ranch, W baz=23	22.91	10	↑P	P	06 13 40.7 -0.2			
NV11	Mina Array Sit Hueffle Ranch, baz=23	22.95	334	eP	P	06 13 40.8 -0.7			
N30A	Hueffle Ranch, baz=23	22.97	11	↑P	P	06 13 41.8 +0.3			
GLAT	Glass	23.00	35	eP	P	06 13 43.0 +1.2			
PHWY	Pilot Hill comp-Z,60nm,1.4s	23.01	0	eP	P	06 13 43.6 +1.5			
NVAR	Mina Array Bea 23.01 334 P	23.01	334	P	P	06 13 41.4 -0.8			
NVAR	Mina Array Bea comp-Z,9.5nm,1.0s,baz=157,slow=12,SNR=22	23.01	334	P	P	06 13 41.4 -0.8			
CTU	Camp Tracy comp-Z,47nm,1.0s	23.02	348	eP	P	06 13 44.2 +2.1			
PARMO	Parmar	23.04	34	eP	P	06 13 44.8 +2.7			
M22A	Cedar Creek Ra baz=23	23.12	358	↑P	P	06 13 43.3 +0.1			
M23A	Laramie baz=23	23.16	360	↑P	P	06 13 43.9 +0.2			
M25A	Palmer Egli Farm baz=23	23.17	3	↑P	P	06 13 43.9 +0.2			
M24A	Cheyenne baz=23,SNR=12	23.17	1	↑P	P	06 13 43.6 -0.1			
N31A	Bailey Ranch, baz=23	23.22	13	↑P	P	06 13 44.4 +0.4			
M26A	McRoberts Ranc baz=24	23.25	5	↑P	P	06 13 44.6 +0.2			
N32A	Stuken Farm, baz=24	23.31	14	↑P	P	06 13 45.2 +0.3			
M28A	Bar X Bar Ranc baz=24	23.37	8	↓P	P	06 13 45.5 +0.1			
M27A	Reverse DX Ran baz=24	23.38	6	↓P	P	06 13 45.7 +0.1			
RWWY	Rawlins	23.43	357	eP	pP	06 13 58.5 +0.1			
M29A	Burnside Ranch baz=24	23.51	9	↓P	P	06 13 46.7 -0.1			
BGU	Big Grassy Mou comp-Z,25nm,1.5s	23.52	346	eP	P	06 13 48.3 +1.3			
WAKR	Walker	23.56	332	eP	P	06 13 48.0 +0.6			
CMB	Columbia Colle pmx	23.63	330	eP	pmx	06 13 46.8 -1.1			
CMB	comp-Z,233nm,2.4s	23.63	330	eP	P	06 13 46.8 -1.1			
M31A	Columbia Colle Lambtech Ranc baz=24,SNR=9.8	23.72	12	↓P	P	06 13 49.0 +0.3			
WVT	Waverly	23.72	38	eP	pmx	06 13 49.1 +0.4			
WVT	comp-Z,83nm,1.4s								
WVT	Waverly	23.72	38	eP	P	06 13 49.0 +0.4			
M30A	comp-Z,83nm,1.4s	23.73	11	↑P	P	06 13 48.8 -0.1			
L22A	Dale-Ortello V baz=24	23.74	358	↑P	P	06 13 48.3 -0.8			
L24A	Ellis Ranch, M baz=24	23.74	358	↑P	P	06 13 48.3 -0.8			
L24A	Wheatland baz=24	23.75	1	↓P	P	06 13 49.3 +0.3			
TIGA	Tifton	23.81	52	↑P	P	06 13 51.1 +1.5			
TIGA	Tifton	23.81	52	↑P	P	06 13 49.4 -0.2			
L23A	Garrett baz=24,SNR=8.5	23.81	360	↑P	P	06 13 49.7 -0.1			
L26A	Underwood Farm baz=24	23.82	5	↓P	P	06 13 50.0 +0.2			
L25A	Engelbretsen Ra baz=24	23.89	3	↓P	P	06 13 50.8 +0.4			
L27A	T5 Ranch, Ellis baz=24	23.94	6	↑P	P	06 13 51.1 +0.3			
ELK	Elko comp-Z,45nm,1.5s	23.95	342	eP	P	06 13 51.5 +0.5			
ELK	Elko comp-Z,14nm,1.1s,baz=180,slow=7.5,SNR=20	23.95	342	eP	LR	06 13 50.9 -0.2			
ELK				LR	LR	06 22 15.4			
L28A	comp-Z,4um,21.1s,baz=186,slow=34 Connealy Angus baz=24	23.95	7	↑P	P	06 13 51.0 +0.1			
BGNE	Belgrade	23.96	14	eP	P	06 13 52.6 +1.7			
BGNE	Belgrade baz=24,SNR=11	23.96	14	eP	P	06 13 50.9 +0.1			
PAYG	Puerto Ayora	24.03	140	LF	LR	06 14 00.0 +8.2			
PAYG				LR	LR				
SIUC	comp-Z,8um,22.0s Southern Ilin comp-Z,328nm,1.6s	24.11	33	eP	P	06 13 53.2 +0.9			
L29A	Maesberg Ranch baz=24	24.15	9	↑P	P	06 13 53.2 +0.5			
L30A	Spencer Herefo baz=24	24.16	11	↓P	P	06 13 53.6 +0.8			
SWET	Sewanee comp-Z,505nm,1.8s	24.27	42	eP	P	06 13 54.8 +0.9			
SLM	Saint Louis	24.31	30	eP	P	06 13 55.3 +1.2			
SLM	comp-Z,225nm,1.1s Saint Louis comp-Z,225nm,1.1s	24.31	30	eP	pmx	06 13 55.3 +1.2			
K25A	Mack Ranch, Ha baz=25	24.35	3	↓P	P	06 13 55.0 +0.4			
K22A	Casper baz=25	24.36	358	eP	P	06 13 57.2 +2.4			
K22A	Casper baz=25	24.36	358	eP	P	06 13 55.2 +0.4			
K21A	Alcova baz=25,SNR=25	24.37	357	↑P	P	06 13 55.4 +0.5			
K24A	Anderson Ranch baz=25	24.43	1	↓P	P	06 13 56.2 +0.9			

K23A	Bowen Ranch, D baz=25,SNR=13	24.45	360	↑P	P	06 13 55.9 +0.3			
K26A	Motz Farm, Whi baz=25	24.48	4	↑P	P	06 13 56.4 +0.7			
PAHR	Pat Rah Range comp-Z,61nm,1.2s	24.54	334	eP	P	06 13 56.6 +0.3			
L31A	Butterfield Fa baz=25,SNR=11	24.55	12	↑P	P	06 13 56.6 +0.3			
K27A	Fleckinger Fa baz=25,SNR=18	24.56	6	↑P	P	06 13 56.7 +0.2			
K28A	Ten Mile Ranch baz=25	24.66	7	↓P	P	06 13 58.0 +0.6			
BW06	Boulder Array comp-Z,161nm,2.6s	24.70	353	eP	P	06 13 59.6 +1.7			
BW06				LR	LR				
PDAR	comp-Z,4um,19.0s Pinedale Array	24.70	353	eP	P	06 13 57.5 -0.3			
PDAR	Pinedale Array comp-Z,8.8nm,1.0s,baz=160,slow=6.2,SNR=32	24.70	353	eP	P	06 13 57.5 -0.3			
PDAR				LR	LR	06 23 34.1			
K29A	Lazy Trails An baz=25,SNR=11	24.86	9	↓P	P	06 13 59.6 +0.5			
K30A	Basset baz=25,SNR=25	24.88	10	↓P	P	06 13 59.5 +0.2			
AHID	Auburn Hatcher AHID	24.91	350	PFAKE	LR	06 14 10.0 +1.0			
J24A	comp-Z,5um,21.0s Dixon Ranch, L	25.04	2	↑P	P	06 14 01.2 +0.4			
BEKR	Beckworth comp-Z,29nm,1.5s	25.09	332	eP	P	06 14 01.5 +0.1			
J21A	Lysite baz=25,SNR=6.8	25.09	357	↑P	P	06 14 01.8 +0.4			
J26A	Sides Ranch, S baz=25,SNR=15	25.09	4	↑P	P	06 14 02.0 +0.7			
J23A	Ditts Ranch, B baz=25	25.10	360	↑P	P	06 14 02.0 +0.6			
USIN	University of comp-Z,167nm,1.1s	25.12	35	eP	P	06 14 03.8 +2.3			
J22A	Midwest baz=25	25.12	358	↑P	P	06 14 02.1 +0.5			
J27A	Elkhorn Farm, baz=25	25.13	6	↓P	P	06 14 02.2 +0.6			
J25A	Sunshine Ranch baz=25	25.13	3	↑P	P	06 14 01.6 0.0			
J19A	Crowheart baz=25,SNR=20	25.14	354	↑P	P	06 14 02.0 +0.3			
J20A	Shoshoni baz=25	25.14	356	↑P	P	06 14 01.1 -0.7			
OHCM	Honcut	25.18	330	eP	P	06 14 03.9 +1.9			
CPCT	Cooper Cave baz=26,SNR=25	25.32	43	eP	P	06 14 04.5 +1.2			
J28A	Allard Ranch, baz=26,SNR=9.9	25.38	7	↑P	P	06 14 04.5 +0.7			
OLW	Olney comp-Z,98nm,1.1s	25.45	33	eP	P	06 14 05.8 +1.3			
REDL	Red Top Meadow comp-Z,103nm,1.3s	25.46	351	eP	P	06 14 05.2 +0.4			
J29A	Okreek baz=26,SNR=14	25.48	9	↓P	P	06 14 05.5 +0.7			
J30A	Dallas baz=26,SNR=11	25.54	10	↑P	P	06 14 05.5 +0.2			
I21A	Big Trails, Te baz=26	25.55	357	↑P	P	06 14 06.0 +0.5			
I24A	Kuemmerle Ranc baz=26	25.57	2	↓P	P	06 14 06.4 +0.8			
TPAW	Teton Pass comp-Z,61nm,1.1s	25.60	351	eP	P	06 14 06.5 +0.4			
I22A	9 Mile Ranch, baz=26	25.60	358	↓P	P	06 14 06.3 +0.4			
LOHW	Long Hollow comp-Z,138nm,1.6s	25.67	351	eP	P	06 14 07.0 +0.3			
I20A	Wordand baz=26,SNR=13	25.74	356	↑P	P	06 14 07.5 +0.4			
FXWY	Fox Creek comp-Z,35nm,1.0s	25.75	351	eP	P	06 14 07.7 +0.3			
I25A	Rochford baz=26,SNR=9.9	25.76	3	↓P	P	06 14 07.3 -0.1			
MOOW	Moose Ponds comp-Z,40nm,1.2s	25.82	351	eP	P	06 14 09.1 +1.1			
I26A	New Underwood baz=26	25.82	4	↓P	P	06 14 08.9 +1.0			
SCIA	State Center comp-Z,4um,22.0s	25.84	21	eP	LR	06 14 09.5 +1.5			
RSSD	Black Hills RSSD	25.85	2	eP	pmx	06 14 09.3 +1.0			
RSSD	comp-Z,23nm,1.3s								
RSSD	Black Hills comp-Z,23nm,1.3s	25.85	2	eP	P	06 14 09.3 +1.0			
I27A	Quinn baz=26	25.93	6	↑P	P	06 14 09.6 +0.8			
TKL	Tuckaleechee C baz=26	25.93	44	eP	P	06 14 10.0 +1.0			
TKL	Tuckaleechee C comp-Z,34nm,1								

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like F10A Beach Ranch, D30A Buchanan, WVCC Virginia Weste, MSO Missoula, C22A Vida, C25A Freed Ranch, C20A Veseth Ranch, C23A Lambert, C21A Desert Coulee, C19A Slack Wire Ran, C27A Saylor Ranch, C26A Wahner Farm, SLMT Seeley Lake, C28A Hausauer Farms, CNNC Cliffs of the, EGMT Eagleton, EGMT Eggleton, MDND Maddock, MDND Maddock, C30A Mose Pekin, B22A Reddig Ranch, SWMT Swartz Lake, B25A Knox Farm, B21A Ellsworth Farm, B23A Brockton, DGMT Dagmar, DGMT Dagmar, B26A Jensen Ranch, B20A Solberg Farm, B19A Brinkman Farms, B27A Peters Farms, AAM Ann Arbor, AAM Ann Arbor, AAM Ann Arbor, HAWA Hanford, HAWA Hanford, B28A Dugan Ranch, B29A Wagenman Farm, A20A Cobblestone Ra, A24A Westby, A22A Carney Farms, A25A Svangstu Ranch, G03D McMillnville, A21A Bertgott Ranch, B30A Myrvik Farm, A26A Wade Farm, A19A Klindworth Far, MCWV Mont Chateau, MCWV Mont Chateau, A27A Ledoux Ranch, A28A Rude Farm, JSRW J. Sargeant Re, AGMN Agassiz Nation, AGMN Agassiz Nation, A29A Manning Farm, A30A Hoffart Farm, NEW Newport, NEW Newport, NEW Newport, LTY Liberty, CBN Corbin, CBN Corbin, EYMN Ely, EYMN Ely, OTAV Otavalo, OTAV Otavalo, B08A Colville Reser, ERPA Erie, ERPA Erie, SDDR Presa de Saban, SDDR Presa de Saban, GRTK Grand Turk, GRTK Grand Turk, SDMD Soldier's Dei, SSPA Standing Stone, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, ROSC El Rosal, A05A Maple Falls, MMNY Mt. Morris Dam, BINY Binghamton, BINY Binghamton, ODNJ Ogdensburg, ODNJ Ogdensburg.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like SDV Santo Domingo, SDV Santo Domingo, PAL Palisades, PAL Palisades, EDM Edmonton, FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, NCB Newcomb, NCB Newcomb, ACCN Adirondack Com, ATAH Atahualpa, ATAH Atahualpa, LONY Lake Ozonia, LONY Lake Ozonia, SJG San Juan, SJG San Juan, SJG San Juan, FRNY Flat Rock, LBNH Lisbon, LBNH Lisbon, BBSR BB Station, BBSR BB Station, PKME Peaks-Kenny Pt, PKME Peaks-Kenny Pt, NNA Nana, NNA Nana, ANWB Willy Bob, ANWB Willy Bob, FDF Fort de France, FDF Fort de France, GRGR Grenville, GRGR Grenville, WRAK Wrangell Islan, WRAK Wrangell Islan, DLBC Dease Lake, DLBC Dease Lake, YKA Yellowknife Ar, YKA Yellowknife Ar, SCHO Schefferville, SCHO Schefferville, SCHO Schefferville, SCHO Schefferville, PTGA Pitinga, PTGA Pitinga, PTCN Pitcairn Islan, PTCN Pitcairn Islan, SAML Samuel, SAML Samuel, RKT Rikitea, RKT Rikitea, RKT Rikitea, LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, PAX Paxon, PAX Paxon, PAX Paxon, INK Inuvik, VAH Vaihoo, SPUR Mount Spurr, ILAR Eielson Array, ILAR Eielson Array, LVC Limon Verde, LVC Limon Verde, MCK McKinley, MCK McKinley, MCK McKinley, COLA College, COLA College, COLA College, TRF Thorofare Moun, PPLA Purkeypile, CAST Castle Rocks, CAST Castle Rocks, PPT2 Papeete2, PPT2 Papeete2, COLD Coldfoot, IM04 Indian Moun, IM03N Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, LCO Las Campanas, LCO Las Campanas, TBI Tubu, TBI Tubu, SFJD Kangerlussuaq, SFJD Kangerlussuaq, TNA Tin City, TNA Tin City, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date/Time, and other parameters. Includes stations like BDFB Brasilia, BDFB Brasilia, BDFB Brasilia, SUMG Summit, SUMG Summit, SUMG Summit, SUMG Summit, ALE Alert, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquist, TRQA Torquist, SPB Sao Paulo, SPB Sao Paulo, RCBR Riachuelo, RCBR Riachuelo, AFI Afiamalu, AFI Afiamalu, KBS Kingsbay, KBS Kingsbay, SACV Santiago Islan, SACV Santiago Islan, FUNA Funafuti, FUNA Funafuti, PET Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, EFI East Falkland, EFI East Falkland, TARA Tarawa, TARA Tarawa, ESK Eskdalemuir, ESK Eskdalemuir, WAKE Wake Island, WAKE Wake Island, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, MSVF Nonsavu, MSVF Nonsavu, RAO Raoul Island, RAO Raoul Island, ARCES ARCESS Array B, ARCES ARCESS Array B, KEV Kevo, KEV Kevo, NOA NORSAR Array B, NOA NORSAR Array B, KONO Kongsberg, KONO Kongsberg, RTC Rabat Centre, RTC Rabat Centre, ESDC Sonseca Array, ESDC Sonseca Array, ESDC Sonseca Array, PMSA Palmer Station, PMSA Palmer Station, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, LVZ Lovozero, LVZ Lovozero, WLF Walferdange, WLF Walferdange, SSB Saint Sauveur, SSB Saint Sauveur, ECH Echery, ECH Echery, BFO Black Forest, BFO Black Forest, FINES FINESS Array B, FINES FINESS Array B, BNI Bardonecchia, BNI Bardonecchia, ERM Erino, ERM Erino, TUE Stuetta, TUE Stuetta, ASCN Ascension, ASCN Ascension, GERES GERESS Array B, GERES GERESS Array B, SNZO South Karori, SNZO South Karori, DPC Dobruska-Polom, DPC Dobruska-Polom, VLC Villacollemand, VLC Villacollemand, TREC Trest, TREC Trest, DZM Mont Dzumac, DZM Mont Dzumac, KLMR Klimovskoe, KLMR Klimovskoe, VSL Villasalto, VSL Villasalto, HNR Honiara, HNR Honiara, AQU L'Aquila, AQU L'Aquila.

Table with 4 columns: Code, Station Name, Azimuth/Altitude, and various status/phase indicators. Includes stations like Dimbokro, Piszkesteto, Cervenia-Dubn, etc.

Table with 4 columns: Code, Station Name, Azimuth/Altitude, and various status/phase indicators. Includes stations like Warrungama Arr, Alice Springs, Suwaya Base, etc.

Table with 4 columns: Code, Station Name, Azimuth/Altitude, and various status/phase indicators. Includes stations like Warrungama Arr, Alice Springs, etc. Includes additional data at the bottom.





Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC, h, m, s, ISC. Includes stations like KEV, AKASG, KIEV, AK02, ARCES, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLI Veliai, ANKY Antikythira Is, ITM Ithomi, etc.

MEX 23 10:05:57.0-7.0, 18.02kN, 101.59W, h20km, 99gkm, MD3.8, Guerrero. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H06E1 SOCORRO T-PHAS, TXAR Lajitas Array, etc.

ISCJB 23 10:41:14.0-0.6, 20.82S, 0.05-68.65W, 0.09, h106km, 9gkm, mb4.2/2, Error ellipse: s-maj=14.6km s-min=7.3km az=12.2

GUC 23 10:41:16.0-2.0, 5.20.87S, 69.16W, h116km, 3km, ML4.3. Error ellipse: s-maj=33.1km s-min=23.2km az=114.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB01 Plate Boundary, PB09 Plate Boundary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, SIV, CPUP Villa Florida, etc.

IDC 23 10:43:50.6-10.0, 4.29S, 131.66E, h0km, mb3.8/1, mb1 3.9/3, mb1mx3.5/17, mbtmpr3.7/3, Error ellipse: s-maj=808.2km s-min=30.6km az=73.0

AUST 23 10:43:59.3-4.48S, 130.52E, h100km, DJA 23 10:44:02.4-0.5, 4.5S, 131.1E, h53km, 9gkm, M4.0/5, ML4.0/5

ISC 23 10:44:00.2-0.8, 4.63S, 0.07-130.73E, 0.06, h35km, n18, 2526/17, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, TLE Tual, etc.

IDC 23 10:45:08.1-417.0, 38.56N, 73.85E, h0km, Error ellipse: s-maj=149.9km s-min=127.1km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I43K1 AKTYUBINSK INF, I46R0 ZALSOVO INFRA, etc.

IDC 23 10:58:42.2-3.3, 6.75S, 104.24E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.6/22, mbtmpr3.6/7, Error ellipse: s-maj=145.1km s-min=18.3km az=53.0

ISCJB 23 10:58:44.6-0.9, 6.88S, 0.05-104.43E, 0.10, h10km, mb3.6/7, Error ellipse: s-maj=14.7km s-min=6.3km az=163.3

DJA 23 10:58:50.2-0.7, 7.4S, 10.4E, h30km, M3.9/6, MLV3.9/6. Error ellipse: s-maj=149.9km s-min=127.1km az=170.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, KASI Bandar Lampung, etc.

GUC 23 11:30:56.1-0.3, 32.70S, 171.58W, h41km, 1km, ML3.5. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 23 11:42:41.1-2.9, 16.45S, 178.52E, h0km, mb3.9/5, mb1 4.2/5, mb1mx3.9/17, mbtmpr3.9/17, Error ellipse: s-maj=143.6km s-min=26.7km az=149.0, Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, RAR Rarotonga, WRA Warramunga Arr, etc.

ISC 23 11:53:28.0-0.6, 46.32S, 165.07E, h0km, mb4.6/7, mb1 4.8/9, mb1mx4.6/14, mbtmpr4.6/9, ML4.6/2, MS3.2/0.15, Ms1 4.0/15, ms1mx4.0/19, Error ellipse: s-maj=23.2km s-min=17.2km az=51.0

ISCJB 23 11:53:31.7-0.8, 46.43S, 0.05-165.04E, 0.06, h33km, 9gkm, mb4.5/10, MS4.1/5, Error ellipse: s-maj=8-9km s-min=5.9km az=25.4

AUST 23 11:53:32.4-1.2, 46.40S, 165.08E, h25km, Error ellipse: s-maj=1.1km s-min=0.6km az=3.0

NEIC 23 11:53:34.5, 46.48S, 165.29E, h12km, ML5.3(WEL), After WEL

WEL 23 11:53:34.9-0.6, 46.33S, 165.12E, h33km, ML5.3/19, Error ellipse: s-maj=5.6km s-min=3.9km az=90.0

WEL Felt from Otago to Southland, maximum reported intensity MM 4.

DJA 23 11:53:38.6-2.2, 47.8S, 16.1E, h63km, 17km, M4.7/11, mb4.7/11

ISC 23 11:53:32.7-1.8, 46.39S, 0.05-165.09E, 0.05, h29km, 13km, n173, 4516/168, mb4.5/10, MS4.1/15, 4C-12D, 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, WZ Wether Hill, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like McQueen's Vall, Lake Taylor, Tophouse, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like ZALV Zalesovo Beam, YKA Yellowknife Ar, AKTO Aktubinsk, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, etc. Includes stations like H03N2 Juan Fernandez, H03N3 Juan Fernandez, TOR3 Torodi Ar, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KMO Kumora, Uoyan, Severomuyksk, Suvo, and Tyrgan.

Table with columns for station name, frequency, power, and coordinates. Includes stations like KAB Kabansk, Chara, Khani, Tupik, Talaya, Arshan, Yuktali, Zakamensk, and Zakamensk.

Table with columns for station name, frequency, power, and coordinates. Includes stations like ORL, ULN Ulaanbaatar, Songino Array, Yakutsk, Khabarovsk, and Kurchatov.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like Yellowknife Ar, Sonseca Array, Pinedale Array, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like UKT, UGR, UGR, UGR, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like TLY, TLY, TUP, etc.

IDC 23 13:58:49.5±1.6, 13°06'S; 111°78'W, h0km, mb3.5/5, mb1 3.9/5, mb1mx3.8/15, mbtmp3.5/5, MS3.74, Ms1 3.8/4, ms1mx3.4/17, Error ellipse: s-maj=52.4km s-min=32.3km az=49.0

ISC 23 13:58:51.4±1.7, 13°05'.03; 111°77'.03, h10km, n17, o142/7, mb3.6/5, MS3.8/4, Central East Pacific Rise

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like H03N2, H03N3, H03N1, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like MXMB, MXMB, MXMB, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like KPC, KPC, KPC, etc.

BJJ 23 14:21:13.6, 56°11'N; 110°25'E, h15km, mb4.6/2, mb4.1/4, Ms4.5/1, Ms7.4/12

IDC 23 14:21:14.7±0.7, 55°79'N; 110°24'E, h0km, mb4.0/16, mb1 4.1/20, mb1mx4.0/34, mbtmp4.0/20, ML4.0/4, MS3.2/2, Ms1 3.1/2, ms1mx2.6/44, Error ellipse: s-maj=17.4km s-min=15.8km az=35.0

MOS 23 14:21:15.0±0.9, 55°80'N; 110°21'E, h12km, mb4.4/5, Error ellipse: s-maj=9.2km s-min=6.1km az=67.8

BYKL 23 14:21:16.5±0.2, 55°75'N; 110°25'E, h11km, 3km

ISC 23 14:21:15.5±1.0, 55°74'N; 110°28'E, h5km, 7km, n91, o1968/129, mb4.0/17, 15C-9D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like NIZ, NIZ, NIZ, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like CIT, CIT, CIT, etc.

Table with columns: Code, Station Name, Az, El, Az, El, Code, Station Name, Az, El, Az, El. Includes stations like ORL, ORL, ORL, etc.

AAK Ala-Archa 26.48 255 P P 14 26 54.4 +0.9 AAK Ala-Archa 26.48 255 P P 14 26 54.4 +0.9 ARCS ARCESS Array B 37.80 325 P P 14 28 31.7 -0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like FINES FINESS Array B, KBZ Khabaz, AKASG Malin Array B, etc.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC

ICD 23 14:30:41.6,1.0,3.72N:77.20W,h0km,mb3.76,mb1 3.8/7, m1mx3.6/24,mbtmp3.77,ML1.8/1,MS2/3,M5.2/8.3, ms1mx2.5/35,Error ellipse: s-maj=33.4km s-min=21.6km az=69.0

ICD 23 14:30:45.0,0.0,3.8N:0.1:77.1W:0.2,h33km,mb3.6/6,MS2.9/1,Error ellipse: s-maj=72.2km s-min=16.8km az=174.5

ICD 23 14:30:46.5,1.0,3.7N:0.1:77.1W:0.2,h33km,n11,σ103/8,mb3.7/6,Near west coast of Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ROSC El Rosal, JTS JuntasAbangare, ATAH Atahualpa, etc.

ICD 23 14:37:41.0,4.0,6.1:8S:0'05:118:99E:0'06,h33km,mb3.6/2,Error ellipse: s-maj=8.3km s-min=6.2km az=159.8

ICD 23 14:37:42.4,1.4,9.90S:119:56E,h0km,mb3.6/2,mb1 3.5/5,mb1mx3.3/19,mbtmp3.4/5,ML3.3/3,Error ellipse: s-maj=57.7km s-min=23.1km az=61.0

AUST 23 14:37:43.0,0.0,10.03S:118:98E,h80km,Error ellipse: s-maj=0.9km s-min=0.8km az=31.0

DJA 23 14:37:45.0,0.0,10.7S:7x11.9Ei,h79km,16km,M3.9/5,MLV3.9/5

ICD 23 14:37:43.3,0.9,10.16S:118:97E:0'06,h33km,n20, s+36/17,South of Sumbawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, WSI Waingapu, etc.

GUC 23 14:51:02.0,0.7,2.27S:65:70.05W,h0km,5km,ML4.9

ICD 23 14:51:03.7,1.2,2.77S:33:70.75W,h81km,6km,MS2/2, mb1 3.5/2,mb1mx3.3/15,mbtmp3.2/2,Error ellipse: s-maj=53.5km s-min=42.7km az=14.0

ICD 23 14:51:03.6,1.0,2.75S:9:00.6:W,0.2,h83km,7km,n15, σ132/20,D,Near coast of northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CPCH Copiapo, CDCH Caldera, VACH Vallenaar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CEN1 Los Morros, H03N1 Juan Fernandez, H03N2 Juan Fernandez, etc.

ISCJ 23 15:21:18.5,0.0,5.42'01N:0'05:142'54E:0'05,h70km,4km,mb3.4/6,Error ellipse: s-maj=8.4km s-min=4.9km az=157.4

JMA 23 15:21:19.4,0.1,4.2'03N:142'56E,h64km,2km,M3.3

ICD 23 15:21:24.4,10.0,4.2'11N:142'65E,h116km,86km,mb3.1/6,mb1 3.3/7,mb1mx3.1/25,mbtmp3.17,ML3.3/1,MS3.3/1,ms1mx2.7/7,Error ellipse: s-maj=68.3km s-min=24.0km az=75.0

ICD 23 15:21:19.4,0.9,4.22'01N:0'05:142'53E:0'04,h62km,7km,n25,σ651/31,mb3.4/6,3C-7.0, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JNBK Urakawa-nobuka, JEM Erimo, JBT2 Biratori 2, etc.

ICD 23 15:25:18.3,2.0,10'50N:60'53W,h0km,mb3.7/6,mb1 4.0/6,mb1mx3.7/25,mbtmp3.7/6,Error ellipse: s-maj=111.5km s-min=28.0km az=72.0

TRN 23 15:25:22.5,10'52N:60'22W,h69km,MD3.6

ICD 23 15:25:24.6,0.9,10'64N:0'05:60'46W:0'08,h74km,5km,mb3.7/6,Error ellipse: s-maj=13.6km s-min=6.2km az=26.3

FUNZ 23 15:25:30.1,10'17N:60'98W,h12km,MW3.1

ICD 23 15:25:26.0,1.2,10'83N:0'06:60'45W:0'09,h67km,7km,n1,σ181/33,mb3.6/2,4C, Trinidad

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BOT Bacolet, TBH Briand Hill, TRP Prospect, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like H10N1 ASCENSION HYDR930 110 T, H10S3 ASCENSION HYDR954 111 T, etc.

ICD 23 15:51:19.0,0.7,1.27'28N:104'99W,h0km,mb3.5/4,mb1 4.0/7,mb1mx3.8/25,mbtmp3.7/7,ML3.6/3,MS3.8/12,MS1 3.8/12,ms1mx3.5/20,Error ellipse: s-maj=123.6km s-min=74.7km az=130.0

ISC 23 15:51:25.3,6.6,17'4N:0'06:105'3W:0.0,h36km,n27,σ85/7,mb3.4/4,MS3.9/9,Off coast of Jalisco

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like H06E1 SOCORRO T-PHAS 5.58 286 T, H06S1 SOCORRO T, etc.

ISCJ 23 16:34:36.0,0.5,24'26S:0'04:67'11W:0'07,h165km,7km,mb4.0/7,Error ellipse: s-maj=10.0km s-min=6.2km az=176.8

NEIC 23 16:34:36.9,0.6,24'31S:67'04W,h150km,6km,mb4.6/7,Error ellipse: s-maj=9.7km s-min=6.1km az=96.0

ICD 23 16:34:37.6,1.8,24'31S:66'99W,h161km,16km,mb3.8/6,mb1 3.9/11,mb1mx3.7/20,mbtmp4.3/11,Error ellipse: s-maj=19.5km s-min=14.7km az=88.0

GUC 23 16:34:40.0,0.4,23'38S:67'76W,h228km,16km,ML4.9

ISC 23 16:34:36.1,0.6,24'32S:0'05:67'05W:0'07,h150km,8km,n5,σ156/65,mb4.0/7,4C,Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LVC Limon Verde, CEN1 Los Morros, PB04 Plate Boundary, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Paso Flores, Brasilia, Pitinga, etc.

ISC 23 16:35:51.0t-1.7, 15:90S; 172.90W, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/20, mbtmp3.8/5, MS3.5/1, Ms1 3.5/1, ms1mx2.9/21, Error ellipse: s-maj=59.9km s-min=28.2km az=123.0

ISCJB 23 16:35:51.7t-1.2, 15:6S; 0.2:172.6W; 0.3, h35km, mb3.7/5, MS3.4/1, Error ellipse: s-maj=47.5km s-min=9.0km az=32.2

ISC 23 16:35:52.8t-1.8, 15:7S; 0.2:172.5W; 0.4, h35km, n11, r109/32, mb3.9/5, Samoa Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Mont Dzumac, Papete2, etc.

ISCJB 23 16:43:15.3t-0.4, 4.62N; 0.04:125.4E; 0.1, h176km, mb3.8/14, Error ellipse: s-maj=14.6km s-min=5.7km az=175.7

MAN 23 16:43:16.4t-5.1N; 125.37E, h153km, mb4.9, ML3.8, MS3.9 AUST 23 16:43:17.5, 2:50N; 126.50E, h20km

IDC 23 16:43:18.1t-2.1, 4.64N; 125.39E, h192km, 20km, mb3.4/13, mb1 3.5/13, mb1mx3.4/24, mbtmp3.9/13, Error ellipse: s-maj=20.7km s-min=9.4km az=77.0

ISC 23 16:43:16.6t-0.5, 4.65N; 0.06:125.4E; 0.1, h176km, n32, r109/32, mb3.8/14, 20, Talaud Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like General Santos, Davao City-Mi, Mati, etc.

2.7nm, 0.9s, baz=72, slow=7.0, SNR=3.6 TORO Torodi Ar. Bea 121.38 288 PKP PKPdf 17 01 48.5 -1.4

0.3nm, 0.6s, baz=41, slow=2.0, SNR=3.2 TIR 23 16:49:59.3, 3.8, 40:21'N; 20:64'E, h8km, 105km, ML2.2

ATH 23 16:49:59.2, 40:31'N; 20:53'E, h19km, 1km, MD3.5/3, ISCJB 23 16:49:59.6, 0.3, 40:19'N; 0.01:20.60E; 0.02, h3km, 2km, Error ellipse: s-maj=2.8km s-min=1.9km az=162.4

PDG 23 16:50:00.6, 0.4, 40:25'N; 20:57'E, h8km, 1km, ML3.0/10, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0 CSEM 23 16:50:00.1, 0.1, 40:19'N; 20:61'E, h2km, MD3.5, Error ellipse: s-maj=3.3km s-min=2.1km az=71.0

THE 23 16:50:00.2, 40:22'N; 20:58'E, h0km, 1km, ML3.1/12, Error ellipse: s-maj=1.7km s-min=0.5km az=304.0 SKO 23 16:50:02.0, 40:17'N; 20:72'E, h6km, M2.5, ML3.0

ISC 23 16:49:59.4, 1.1, 40:21'N; 0.01:20.62E; 0.02, h6km, 9km, n160, r144/230, BC-6D, Greece-Albania border region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like Nestorio, Korca, Sarande, etc.

LKD2 23 16:50:27.1, 0.5, 40:22'N; 20:57'E, h8km, 1km, ML3.0/10, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0

MAN 23 16:43:16.4t-5.1N; 125.37E, h153km, mb4.9, ML3.8, MS3.9 AUST 23 16:43:17.5, 2:50N; 126.50E, h20km

IDC 23 16:43:18.1t-2.1, 4.64N; 125.39E, h192km, 20km, mb3.4/13, mb1 3.5/13, mb1mx3.4/24, mbtmp3.9/13, Error ellipse: s-maj=20.7km s-min=9.4km az=77.0

ISC 23 16:43:16.6t-0.5, 4.65N; 0.06:125.4E; 0.1, h176km, n32, r109/32, mb3.8/14, 20, Talaud Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like LKD2, LKD1, LKD0, etc.

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

ISCJB 23 17:43:58.3, 2.7, 58:28S; 0:08:26W; 0.1, h64km, 26km, bz=25.5, Error ellipse: s-maj=14.4km s-min=11.5km

IDC 23 17:44:02.0, 0.5, 58:34S; 25:97W, h85km, 3km, mb4.4/11, mb1 4.3/9, ms1mx3.3/23, Error ellipse: s-maj=14.5km s-min=12.9km az=64.0

NEIC 23 17:44:03.1, 1.8, 58:34S; 25:96W, h96km, 16km, mb4.9/4, Error ellipse: s-maj=9.3km s-min=7.1km az=219.0

ISC 23 17:44:01.0, 0.5, 58:40S; 0:07:25.88W; 0.09, h83km, 4km, h83km; P, n79, r096/80, mb4.7/17, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like VNA1, VNA2, SNA4, etc.

23d 18h

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

IDC 23 17:53:53.3, 0.9, 6.99N, 125.58E, h0km, mb4.0/8, mb1.4/2.8, mb1mx3.9/2.4, mbtmp4.0/8, MS2.8/3, Ms1.2/9.3, ms1mx2.6/4.3, Error ellipse: s-maj=60.4km s-min=17.0km az=76.0

2009 NOV

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

IDC 23 17:54:07.8, 3.1, 5.48S, 152.17E, h0km, mb3.7/3, mb1.3/9.4, mb1mx3.6/18, mbtmp3.9/4, ML2.5/1, Error ellipse: s-maj=119.1km s-min=42.2km az=126.0, New Britain region

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

IDC 23 18:22:37.7, 1.1, 1.61N, 123.84E, h0km, mb3.6/4, mb1.3/7.4, mb1mx3.4/2.1, mbtmp3.6/4, Error ellipse: s-maj=140.5km s-min=19.7km az=66.0, Minahassa Peninsula, Sulawesi

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

IDC 23 18:33:52.6, 0.7, 5.42N, 0.1, 35.2W, 0.2, h14km, mb3.7/13, MS3.4/6, Error ellipse: s-maj=21.2km s-min=13.1km az=20.5

IDC 23 18:33:52.4, 0.8, 5.42N, 0.2, 35.2W, 0.1, h14km, n22, 0.90/16, mb4.8/13, MS3.5/6, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCHO, NOA, ESDC, HFS, DAVO, SADO, etc.

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

MDD 23 18:35:55.6, 3.2, 35.35N, 2.14E, h0km, mb3.8/7, Error ellipse: s-maj=32.7km s-min=22.9km az=168.0, PRXIMO, North Africa

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

IDC 23 18:36:18.2, 1.1, 5.375N, 35.43W, h0km, mb3.4/4, mb1.3/7.4, mb1mx3.4/3.1, mbtmp3.4/4, Error ellipse: s-maj=56.9km s-min=23.3km az=30.0, Reykjanes Ridge

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

IDC 23 18:36:29.2, 0.4, 1.259S, 166.30E, h0km, mb5.0/24, ms1.5/0.27, ms1mx0.2/9, mbtmp5.0/27, ML3.8/2, MS5.1/26, Ms1.5/126, ms1mx0.5/31, Error ellipse: s-maj=14.4km s-min=10.3km az=76.0

ISCJB 23 18:36:30.7, 1.4, 12.59S, 0.0, 4.166, 27E, 0.0, h21km, 9km, mb5.4/99, MS5.3/207, Error ellipse: s-maj=6.6km s-min=5.6km az=10.5

MOS 23 18:36:33.6, 1.2, 12.53S, 166.12E, h33km, mb5.8/32, MS5.2/17, Error ellipse: s-maj=9.4km s-min=7.2km az=38.8

NEIC 23 18:36:34.0, 0.2, 12.62S, 166.25E, h35km, mb5.6/42, MS5.4/159, MW5.5, Error ellipse: s-maj=5.7km s-min=5.4km az=121.0, Moment Tensor Solution. s24 Moment tensor: Scale 10^17Nm; Mr:1.75; Mw:0.80; Mw:2.55; Mw:0.42; Mw:0.04; Mw:1.28; Best double couple: M2:60000x10^17 Np1:194.00000, 0.62.00000, 1.108.00000. NP2:304.00000, 0.82.00000, 1.138.00000. N:0.89000, P:16.00000, Azm:138.00000. P: -2.90000, Azm:271.00000.

BUI 23 18:36:36.4, 1.1, 9.17S, 166.12E, h40km, mb5.7/54, mb5.4/54, Ms5.4/60, Ms7.5/57

GCMT 23 18:36:36.7, 0.1, 12.50S, 166.08E, h25km, MW5.7, Moment Tensor Solution. s115.2c24, s71.c78; Moment tensor: Scale 10^17Nm; Mr:3.08; Mw:0.2; Mw:0.02; Mw:3.06; Mw:1.37; Mw:0.85; Mw:1.70; Mw:1.70; Best double couple: M3:390000x10^17 Np1:194.00000, 0.62.00000, 1.177.00000. NP2:359.00000, 0.63.00000, 1.162.00000. Principal axes: T:3.8600, Plg70.0000, Azm34.0000; N:0.0100, Plg12.0000, Azm158.0000; P:16.7000, Plg16.0000, Azm:252.0000. Data Used: ILLU CUC IG CN. Surface waves: sta=111, comp=216, per=50.

DJA 23 18:36:37.8, 2.6, 12.5S, 16.6E, h28km, 22km, MS3.1/3, mb5.8/6, mb5.2/13, Mw(mB)5.3/6, Mw6.8/1

ISC 23 18:36:35.1, 0.3, 12.58S, 0.0, 4.166, 26E, 0.0, h42km, 2km, h41km, n22, 0.90/16, mb4.8/13, MS3.5/6, Reykjanes Ridge

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

IDC 23 18:36:36.7, 0.1, 12.50S, 166.08E, h25km, MW5.7, Moment Tensor Solution. s115.2c24, s71.c78; Moment tensor: Scale 10^17Nm; Mr:3.08; Mw:0.2; Mw:0.02; Mw:3.06; Mw:1.37; Mw:0.85; Mw:1.70; Mw:1.70; Best double couple: M3:390000x10^17 Np1:194.00000, 0.62.00000, 1.177.00000. NP2:359.00000, 0.63.00000, 1.162.00000. Principal axes: T:3.8600, Plg70.0000, Azm34.0000; N:0.0100, Plg12.0000, Azm158.0000; P:16.7000, Plg16.0000, Azm:252.0000. Data Used: ILLU CUC IG CN. Surface waves: sta=111, comp=216, per=50.

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



Table with columns for station codes (CTA, CTAO, etc.), station names, frequencies, power, and other technical details.

Table with columns for station codes (JNU, DRV, etc.), station names, frequencies, power, and other technical details.

Table with columns for station codes (MDJ, KAPO, etc.), station names, frequencies, power, and other technical details.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMI, CRAI, LAMP, CMAR, CHTO, HHCC, CMAI, CD2, HIA, MHMT, SEY, QSPA, KDAK, PKI, YAK, ULN, SONM, GTA, SHL, ZAK, LSA, and TLY.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, WDC, COLA, YBH, ILAR, MOY, WRAP, EDW, TAPN, BFC, WAKR, ODAN, NVL, J05D, PFO, RAMN, RAMN, NVAR, BELC, JIRN, JIRN, GUN, TIXI, TIXI, WVOR, IRM, PKI, KKN, DMN, SHPR, GKN, R11A, 214A, HVS, BMO, KOLN, DANN, DANN, ELK, SYO, WMQ, WMQ, WMQ, WMQ, NEW, U15A, X16A, TUC, HLID, HLID, WUJZ, WUJZ.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WUJZ, DUG, MVU, HYB, DGAR, 320A, AHID, 121A, BOZ, MVCO, PMSA, BW06, PDAR, ANMO, RLMT, MKAR, NVL, ZAAO, ZALV, ZALV, ZALV, MNTX, EGMT, SNA, SNA, SNA, YKA, YKA, TXAR, TXAR, POO, NVS, NVS, VNA2, VNA2, LAO, KSH, KSH, KSH, KSH, KURK, KURK, KURK, KURK, TKM2, TKM2, DGMT, OGNE, JCT, JCT, AAK, AAK, EKS2, EKS2, KVTX, KVTX, WMOK, WMOK, FFC, FFC, KKAR, KKAR, PAYG, PAYG, KSU1, KSU1, BVAR, BVAR, BRVK, BRVK.



Table of astronomical observations for 23d 18h, listing stations, codes, and observation details.

Main table of astronomical observations for 2009 NOV, including station names, codes, and observation parameters.

Table of astronomical observations for 890, listing stations, codes, and observation details.

WEL 23:19:05.01:6.1, 2.6365S:-177.06E, h33km, ML3.5/4, Error ellipse: s-maj=8.4km s-min=8.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, h m s I SC. Includes stations like MXZ Matakaoa Point, URZ Urewera, PUK Puketiti, MWZ Matawai, and SNZ Shannon Station.

ISCJB 23:19:07.44:0.0, 3.77:05N:0.03:18:6E:0.2, h10km, mb3.9/14, Error ellipse: s-maj=6.3km s-min=3.5km az=147.3

IDC 23:19:07.45:3.0:6.77:01N:17.01E, h0km, mb3.8/11, mb1 4.1/13, m1mx3.9/28, mbtmp3.9/13, M4.0, D2, MS2.2, Ms1 3.2/2, ms1mx2/8/37, Error ellipse: s-maj=22.6km s-min=6.8km az=75.0

CSEM 23:19:07.45:9.0:2.77:01N:17.51E, h10km, ML4.0, Error ellipse: s-maj=14.7km s-min=5.6km az=67.0

NEIC 23:19:07.46:3.0:6.76:93N:16.58E, h10km, mb4.7/3, Error ellipse: s-maj=17.3km s-min=8.4km az=66.0

BER 23:19:07.49:6.3:4.77:22N:18.80E, h15km, MD2.8, ML4.0, M4.3(NAO)

ISC 23:19:07.46:3.0:4.77:08N:0.03:18:02E:0.05, h10km, n103, e180/111, mb3.8/14, Svalbard region

Main table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like Hornsund, Spitsbergen Ar, Kingsbay, Bjoernoja, Tromso, ARCS ARCESS Array S, etc.

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like HFS Hagfors, KULLO Kullora, MCGIM Minsk, ARU Arti, etc.

IDC 23:19:58.7:1.3, 12:12S:166:68E, h0km, mb3.9/9, mb1 4.1/10, mb1mx3.9/19, mbtmp3.9/10, ML3.1/1, MS3.6/1, Ms1 3.6/1, ms1mx3.2/17, Error ellipse: s-maj=41.8km s-min=21.8km az=129.0

ISC 23:19:20:07.8:14.0, 12:45S:10:167E, h83km, n111, e0873/5, mb3.8/9, Santa Cruz Islands

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, WRA Warrungarra Arr, etc.

ISCJB 23:19:25:29.0:4.3, 37:78N:0.02:27.42E:0.03, h7km, 4km, Error ellipse: s-maj=4.3km s-min=3.6km az=136.1

ISK 23:19:25:28.7, 37:80N:27.45E, h8km, MD3.2, DDA 23:19:25:28.9, 37:78N:27.42E, h7km, ML3.6

CSEM 23:19:25:29.1:0.1, 37:78N:27.44E, h5km, ML3.6, Error ellipse: s-maj=3.7km s-min=2.8km az=67.0

ISC 23:19:25:29.1:0.9, 37:78N:0.02:27.44E:0.02, h7km, 9gkm, n63, e060/85, Turkey

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like GCAM G?zelcaml?, AYDN Tasuluk, AYDB Zeytinkoy-Aydi, etc.

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like DNZL Cakroluk, TURN Turunc, DALY Dalyan, DEMI Demirci, etc.

ISCJB 23:20:26:41.6:0.7, 44:32N:0.09:147:6E:0.1, h131km, 5km, mb3.4/8, Error ellipse: s-maj=19.8km s-min=6.7km az=137.3

SKHL 23:20:26:42.9:0.1, 44:32N:0.09:147:6E:0.1, h72km, 9gkm, mb5.6/2

JMA 23:20:26:44.6:0.5, 44:28N:147:41E, h17km, M3.1, IDC 23:20:26:45.2:1.9, 44:58N:148:27E, h148km, 27km, mb3.3/8, mb1 3.5/9, m1mx3.2/25, mbtmp3.7/9, Error ellipse: s-maj=30.1km s-min=20.6km az=162.0

ISC 23:20:26:42:2.1, 44:31N:0.09:147:59E:0.09, h124km, 8km, n36, e117/31, mb3.5/8, 2D, Kuril Islands

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like JSE Soyas, JNBK Urakawa-nobuka, JWKC Keihoku, etc.

ISCJB 23:20:27:52.7:0.5, 3:79N:0.05:96:08E:0.06, h38km, mb4.0/12, Error ellipse: s-maj=8.3km s-min=6.4km az=154.4

IDC 23:20:27:55.7:1.0, 3:66N:96:11E, h56km, 8gkm, mb3.7/12, mb1 3.8/14, m1mx3.6/26, mbtmp4.0/14, MS2.9/1, Ms1 3.1/1, ms1mx2.5/29, Error ellipse: s-maj=24.0km s-min=10.1km az=42.0

DJA 23:20:27:59.1:1.2, 4N:3:9'6E, h50km, 15km, M4.0/4, ML4.0/4

ISC 23:20:27:54.2:0.6, 3:70N:0.05:96:09E:0.07, h38km, n28, e119/23, mb4.1/12, Northern Sumatra

Table for 2009 NOV, listing station codes, names, coordinates, and observation times. Includes stations like TPTI Sinti, NKSI Sinabang, KCSI Kocacane, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like LHMI, GSI, PSI, KULM, etc.

MEX 23 20:42:37.5-0.6, 16.83N-98.54W, h47km, 12km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like PNIG, TLIG, UTMO, etc.

NAO 23 21:00:13.8-2.5, 77.12N-19.23E, h7km, 9km, ML2.3, BER 23 21:00:17.8-4.0, 77.10N-18.47E, h15km, 42km, MD2.5, ML2.2, ML2.3(NAO)

CSEM 23 21:00:11.8-0.3, 76.85N-17.63E, h2km, ML2.2, Error ellipse: s-maj=11.1km s-min=4.9km az=48.0, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like HSP, SPA0, KBS, etc.

IDC 23 21:30:32.3-0.9, 10.38S-119.09E, h0km, mb4.1/7, mb1.4/1.9, mb1mx3.9/1.8, mb1mx4.0/9, ML3.7/2, Error ellipse: s-maj=39.1km s-min=17.7km az=71.0

AUST 23 21:30:33.8-1.1, 10.66S-118.90E, h0km, Error ellipse: s-maj=0.9km s-min=0.9km az=330.0

ISCJB 23 21:30:36.7-0.6, 10.68S-118.87E, h0.4, h3km, 6km, mb4.0/15, Error ellipse: s-maj=6.6km s-min=5.5km az=137.2

NEIC 23 21:30:36.9-1.3, 10.42S-119.12E, h3km, 13km, mb4.1/9, Error ellipse: s-maj=16.6km s-min=5.2km az=64.0

DJA 23 21:30:39.9-0.7, 11.57S-119.91E, h59km, 11km, M4.5/3, mb4.4/3, ML4.5/3

ISC 23 21:30:37.8-0.9, 10.61S-118.85E, h0.4, h4km, 10km, n57, r179/62, mb4.2/15, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like WBSI, WSI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like JAGI, BKSI, KAPI, etc.

IDC 23 21:36:22.2-1.3, 62.82N-144.02W, h0km, mb3.6/7, mb1.3/7.10, mb1mx3.6/30, mb1mx3.6/10, ML3.4/3, Error ellipse: s-maj=57.7km s-min=10.7km az=37.0

ISCJB 23 21:36:24.3-0.6, 63.27N-142.72W, h0.05, h11km, 5km, mb3.7/7, Error ellipse: s-maj=3.6km s-min=3.6km az=34.0

PGC 23 21:35:22.4-4.1, 0.13N-143.45W, h1km, ML3.9/2, 223km Wsw of Dawson, Yt Central Alaska

NEIC 23 21:36:25.2, 63.20N-143.49W, h5km, ML3.4(AEIC), After AEIC

NEIC Fell at Tok, ISC 23 21:36:23.2-1.2, 63.19N-143.43W, h0.02, h2km, 9km, n78, r136/78, mb3.7/7, D, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like MENT, DOT, etc.

IDC 23 21:35:49.9-0.8, 11.25S-73.06W, h0km, mb3.8/7, mb1.4/1.10, mb1mx4.0/22, mb1mx4.0/10, ML4.6/3, MS3.4/7, Ms1.3/4.7, ms1mx3.0/27, Error ellipse: s-maj=31.2km s-min=11.8km az=32.0

ISCJB 23 21:35:53.0-0.5, 11.31S-72.99W, h0.05, h3km, mb4.0/8, MS3.0/2, Error ellipse: s-maj=8.4km s-min=7.1km az=37.3

NEIC 23 21:35:55.3-0.7, 11.33S-73.04W, h43km, 7km, mb4.8/3, Error ellipse: s-maj=10.2km s-min=6.7km az=225.0

ISC 23 20:40, mb4.8, Central Peru, c13.0, 72.99W, h0.08, h35km, n41, c13.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like BDFB, TEIG, TXAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, C. Includes stations like MENT, DOT, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR, AKASG, ESDC, etc.

NEIC 23 21:40:24.8, 17.96N-66.35W, h9km, MD2.7(RSPR), After RSPR

RSPR 23 21:40:25.6, 17.99N-66.33W, h10km±1km, MD2.2/3, 5C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, HUMP, CBYP, etc.

ICD 23 22:08:20.4-0.7, 7.79S; 117.23E, h0km, mb4.2/10, mb1.4 3/12, mb1mx4.2/22, mbtmp4.2/12, ML4.3/2, MS3.3/7, Ms1.3/3.7, ms1mx2.9/3.1, Error ellipse: s-maj=20.2km s-min=11.4km az=66.0

NEIC 23 22:08:22.9-4.3, 7.81S; 117.17E, h17km±27km, mb4.5/8, Error ellipse: s-maj=12.5km s-min=6.4km az=67.0

DJA 23 22:08:25.8-0.2, 8.3S; 117.17E, h54km±12km, M4.6/24, mb4.7/7, mb5.1/4, MLV4.7/24, Mw(mb)4.4/4

AUST 23 22:08:29.6, 8.48S; 117.46E, h20km

ISC 23 22:08:21.8-1.7, 7.77S; 117.20E; 0.03, h11km±11km, n91, r1564/107, mb4.4/17, MS3.0/5, 1C, Baili Sea

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTNI, SRBI, LBFJ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, BLDU, KLBRR, etc.

ICD 23 22:27:02.8-0.8, 0.86N-126.08E, h0km, mb4.0/7, mb1.4 2/8, mb1mx4.0/21, mbtmp4.0/8, ML4.4/1, Error ellipse: s-maj=68.9km s-min=15.6km az=74.0

ISCJB 23 22:27:07.0-0.7, 0.88N; 0.88E; 126.24E; 0.06, h44km, mb4.0/7, Error ellipse: s-maj=12.1km s-min=8.4km az=2.8

DJA 23 22:27:10.1-1.3, 1.3N; 115.12E; 126.24E; 0.10, h44km, n18, mb4.6/2, mb4.8/1, MLV4.3/5, Mw(mb)4.0/1

ISC 23 22:27:09.0-0.8, 0.91N; 0.10; 126.20E; 0.10, h44km, n18, 23 22:27:19, mb4.1/7, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNTI, KMSI, GTOI, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BVAO, BRVK, MKK31, etc.

ICD 23 23:03:53.7-1.6, 21.69N; 143.13E, h280km±15km, mb3.6/20, mb1.3 8/22, mb1mx3.7/30, mbtmp3.6/22, Error ellipse: s-maj=14.9km s-min=9.7km az=88.0

ISCJB 23 23:03:54.3-0.5, 21.71N; 143.07E; 143.1E; 0.1, h300km, mb3.6/19, Error ellipse: s-maj=15.8km s-min=9.2km az=171.2

ISC 23 23:03:55.7-0.6, 21.76N; 143.1E; 0.1, h300km, n26, r0959/32, mb3.9/19, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ, MAT, JNU, etc.

ISCJB 23 23:46:04.0-3.0, 3.38S; 26N; 0.02; 22.66E; 0.02, h20km±3km, mb3.3/4, mb1mx3.5/15, mbtmp3.7/4, MS3.6/3, Ms1.3/7.3, s-min=28.6km az=96.0, Bismarck Sea

THE 23 23:46:04.6, 38:24N:22:67E, h9km, 3km, ML2.3/8, Error ellipse: s-maj=3.4km s-min=0.4km az=311.0

ATH 23 23:46:04.3, 38:25N:22:65E, h17km, 2km, MD3.1/25, ML2.3

ISC 23 23:46:04.1, 0.8, 38:25N:0.01:22:67E:0.01, h14km, 5km, n74, c045/120, Greece

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

SKO 23 23:47:27.8, 41:26N:22:77E, h15km, M1.2, ML1.2, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the SKO event.

ISC 23 23:55:56.8, 1.4, 5:67S:150:36E, h0km, mb3.8/8, mb1.4/0.10, mb1mx3.9/19, mbtmp3.9/10, ML3.6/1, MS2.9/2, Ms1.2/9.2, ms1mx2.5/20, Error ellipse: s-maj=5.3km s-min=20.0km az=111.0

NEIC 23 23:56:01.7, 0.6, 5:78S:150:42E, h35km, mb4.1/3, Error ellipse: s-maj=19.7km s-min=7.4km az=104.0

ISCJB 23 23:56:02.0, 0.9, 5:8S:0.1:150:2E:0.2, h48km, mb3.6/7, MS3.2/1, Error ellipse: s-maj=28.5km s-min=9.2km az=24.5

ISC 23 23:56:03.6, 1.0, 5:8S:0.1:150:3E:0.2, h48km, n25, c0569/29, mb3.6/7, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the NEIC and ISCJB events.

NEIC 24 00:00:00.0, 40:30N:144:50E, h5km, Mw3.7, Best double couple: M3.60000:1014 NP1:0:216.00000:851.00000:0, lambda=98.00000, NP2:0:48.00000:839.00000:0, lambda=80.00000

ISC 24 00:00:34.6, 0.9, 40:29N:144:79E, h0km, mb3.5/10, mb1.3/8/12, mb1mx3.7/28, mbtmp3.6/12, ML2.8/2, Error ellipse: s-maj=23.6km s-min=22.3km az=71.0

ISCJB 24 00:00:36.8, 0.6, 40:33N:0.03:144:58E:0.05, h25km, mb3.5/10, Error ellipse: s-maj=5.8km s-min=4.2km az=36.2

JMA 24 00:00:38.1, 0.2, 40:32N:144:54E, h45km, M3.6

ISC 24 00:00:38.2, 0.8, 40:30N:0.05:144:63E:0.07, h25km, n25, s106/37, mb3.6/10, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the JMA and ISC events.

CSEM 24 00:01:37.9, 33:98N:25:34E, h9km, MD3.6, After ATH

ATH 24 00:01:37.9, 33:98N:25:34E, h9km, 7km, MD3.6/9, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the CSEM and ATH events.

PGC 24 00:13:01.0, 0.2, 51:36N:131:93W, h20km, ML3.6/6, 3D, 155km south of Sandspit, Bc Queen Charlotte Islands

Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the PGC event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the HOLB and BPBC events.

MEX 24 00:21:03.8, 0.3, 13:65N:92:85W, h7km, 12km, MD4.8

NEIC 24 00:21:03.9, 13:56N:92:76W, h46km, mb4.8/71, MD4.8(MEX), After MEX

ISCJB 24 00:21:08.0, 0.3, 14:06N:0.03:92:42W:0.03, h33km, mb4.789, MS4.1/14, Error ellipse: s-maj=5.2km s-min=2.8km az=33.0

CASC 24 00:21:07.7, 3.6, 13:83N:92:66W, h26km, 891km, MD4.4, ML4.2, mb4.7(NEIC)

GCMT 24 00:21:09.5, 0.5, 13:88N:92:85W, h19km, 1km, MW4.9, Moment Tensor Solution, s26,c6; s63,c86; Moment tensor: Scale 10^19Nm; Mm2:0.1:16; Mm1:0.0:0.9; Mm0:0.93:11; Ms1:2.1:16; Ms0:0.75:17; Best double couple: M2:40000:1016 NP1:0:128.00000:864.00000:0, lambda=87.00000, NP2:0:314.00000:826.00000:0, lambda=98.00000, Principal axes: T 2.5300, Pz171.0000, Azm33.0000; N -0.2600, Pz2.0000; Azm130.0000; P -2.2800, Pz9.0000; Azm220.0000; Data Used: II U/CJ/C/CN/Surface/Surface wave

BUI 24 00:21:13.0, 14:30N:92:30W, h44km, mb5.2/2, Ms5.1/1, Ms7.5/0/2

ISC 24 00:21:13.8, 2.1, 14:21N:92:14W, h69km, 18km, mb4.2/20, mb1.4/3/24, mb1mx4.3/28, mbtmp4.2/24, MS4.1/16, Ms1.4/0/16, ms1mx3.9/31, Error ellipse: s-maj=19.3km s-min=9.9km az=59.0

ISC 24 00:21:07.8, 1.1, 13:97N:0.04:92:72W:0.03, h29km, 6km, n572, c1885/568, mb4.7/89, MS4.2/14, 158C-178D, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the MEX, NEIC, ISCJB, CASC, GCMT, BUI, and ISC events.

LFU Lfu Fuente 3.51 93 eP Pn 00 21 59.1 -1.5

LFU Lfu Fuente 3.51 93 eS Pn 00 22 39.3 -1.9

LFRS El Fero 3.57 95 eP Pn 00 22 00.2 -1.2

LBRS Las Brisas 3.58 93 eP Pn 00 22 03.0 +1.5

HUIG Huatulco 3.73 299 eP Pn 00 22 00.2 -3.3

HUIG Huatulco 3.73 299 iS Pn 00 22 44.2 -2.3

HUIG Huatulco 3.73 299 eS Pn 00 22 45.8 -0.7

CNCH Conchagua 4.80 98 eP Pn 00 22 17.4 -1.0

SCIG Sabancuy 5.18 16 eP Pn 00 22 23.7 +0.2

SCIG Sabancuy 5.18 16 iS Pn 00 22 27.0 +0.4

SCIG Sabancuy 5.18 16 eS Pn 00 22 21.9 -3.0

TGUH Tegucigalpa,Un 5.29 88 eP Pn 00 23 21.9 -3.0

TGUH Tegucigalpa,Un 5.29 88 eS Pn 00 22 29.0 -2.2

PNIG Pinotepa 5.75 295 eP Pn 00 23 33.7 -2.6

PNIG Pinotepa 5.75 295 iS Pn 00 23 25.8 -2.2

PNIG Pinotepa 5.75 295 eS Pn 00 23 55.8 -0.5

TEIG Tepich 7.54 34 eP Pn 00 22 55.0 -0.8

TEIG Tepich 7.54 34 eS Pn 00 24 18.5 -1.8

TEIG Tepich 7.54 34 iS Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eP Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eS Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eP Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eS Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eP Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eS Pn 00 24 19.1 -1.2

TEIG Tepich 7.54 34 eP Pn 00 24 19.1 -1.2





Table with columns: Station ID, Name, Frequency, Power, Direction, SNR, and Error. Includes stations like J23A Garrett, J28A Allard Ranch, J27A Elkhorn Farm, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, SNR, and Error. Includes stations like D24A Glendive, F19A Roth Farm, QLMT Earthquake Lak, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, SNR, and Error. Includes stations like PLCA Paso Flores, INK Tubuai, PMOR Pomarioro Ree, etc.



2009 NOV

24d 2h

Table with multiple columns: Station Name, Frequency, Mode, Band, Time, Power, and other technical details. The table is organized into sections for different frequency bands (e.g., 1.40 MHz, 1.46 MHz, etc.) and lists various stations and their operational parameters.



24d 2h

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like MBDF Montbardon, SENIN Lac Senin/Sane, SENIN Lac Sane, LPG La Plagne, etc.

2009 NOV

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like SVE Sverdlövsk, EKA Eskdalemur Ar, KK31 Karatay Array, etc.

900

Table with columns for station name, frequency, power, polarization, and coordinates. Includes stations like LZH comp=Z,47nm,6.5s, LZH comp=Z,350nm,14.0s, etc.

ISCBJ 24 02:16:35.8±0.5, 37.24N±0.02±21.32E±0.03, h2km, 4km, Error ellipse: s-maj=4.8km s-min=3.2km az=143.2 THE 24 02:16:35.4, 37.17N±21.25E, h29km, ML2, 8/1, Error ellipse: s-maj=1.4km s-min=0.7km az=185.0 CSEM 24 02:16:36.4±0.3, 37.25N±21.30E, h10km, ML2, 9, Error ellipse: s-maj=5.1km s-min=3.9km az=36.0 ATH 24 02:16:36.3, 37.24N±21.34E, h12km, MD3, 5/2 ISC 24 02:16:36.5±0.9, 37.25N±21.31E±0.02, h12km, 7km, h8s, ±1503/130, Southern Greco

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SFD Strofades, AMT Artemida-Makis, etc.

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

IDC 24 02:39:58.3.2.2, 6.79S:128.98E, h0km, mb3.3/1, mb1 3.7/4, mb1mx3.5/19, mbtmp3.5/4, ML3.5/3, MS3.7/1, MS1 3.7/1, ms1mx2.0/12, Error ellipse: s-maj=99.1km s-min=27.0km az=75.0

ISC 24 02:39:59.4.1.7, 6.83S:129.1E:0.2, h10km, n7, s1f62/6, Banda Sea

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

IDC 24 02:45:11.0.5.13, 18N:145.35E, h0km, mb4.5/25, mb1 4.6/25, mb1mx4.6/28, mbtmp4.5/25, MS3.7/10, MS1 3.6/10, ms1mx2.4/30, Error ellipse: s-maj=21.1km s-min=12.3km az=60.0

MOS 24 02:45:57.8.1.0, 13.13N:145.09E, h63km, mb5.2/19, Error ellipse: s-maj=13.3km s-min=7.0km az=102.3

BUI 24 02:45:57.3.13, 11N:145.28E, h61km, mb5.2/15, mb4.8/23, Ms4.8/11, Ms7.4/7.9

ISCBJ 24 02:45:58.7.0.7, 13.11N:0.05E:145.09E:0.0, h66km, 5km, mb4.7/86, Error ellipse: s-maj=7.8km s-min=6.1km az=13.4

NEIC 24 02:45:59.5.0.8, 13.13N:145.14E, h60km, 6km, mb5.0/39, Error ellipse: s-maj=6.0km s-min=5.1km az=112.0

NEIC Fall s Barrigada, Hagatna Heights and Mangilao

ISC 24 02:45:59.3.0.5, 13.11N:0.06E:145.22E:0.0, h61km, 2km, h1km:pp-P,n218,s1f01/272,mb4.9/87,3C-7D, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO, H1S1, H1S2, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like USRK, MDJ, QIZ, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEY, YAK, HVS, RAMN, etc.





Table with columns: PVIS, PTO, ECOG, EGUA, MVO, POLO, ESDC, EBER, PGAV, PBRG, EHUE, GUD, EVIA, STS, STA, EMAZ. Rows contain station names, codes, and coordinates.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows list stations like EMAZ, ETOR, IEL, etc., with their respective coordinates and codes.

Table with columns: CN2, HABR, KLR, TGY, HIA, HHC, ENH, XAN, PETK, GYA, LZH, CD2, ULN, SONM, KMI, GTA, SKNT, FX1, ZAK, CHAI, PBKT, LAMP, CMMT, CHTO, CHTO, CMAR, CMAR, SRDT, HVS, LSA, LSA, SHL, KULM, PKDT, WMO, TAPN, TAPN, ODAN, PSI, PSI, WMO. Rows contain station names, codes, and coordinates.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RAMN Ramite, JIRN Jiri, GUN Gumba, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AML Almayashu, IM04 Indian Mountai, CAST Castle Rocks, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, KIV Kislovodsk, ONI I03D, etc.



Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Tatum, Tecolote Peak, Indio Mountain, La Plagne, etc.

ICD 24 03:12:14.70.0.3.30N:127.64E, h0km, mb3.9/11, mb1.4/0/11, mb1mx3.9/26, mbtmp3.9/11, Error ellipse: s-maj=53.2km s-min=15.3km az=74.0

ISCJ/B 24 03:12:18.9.0.7.3.3N:0.1:127.7E:0.3, h45km, mb3.9/11, Error ellipse: s-maj=43.1km s-min=11.4km az=165.3

ISC 24 03:12:20.8.0.8.33N:0.1:127.7E:0.3, h45km, n12, c=60R0 13, mb4.0/11, Talaud Islands

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

ICD 24 03:26:52.0.0.7.3.49N:128.24E, h0km, mb3.8/13, mb1.4/0/13, mb1mx3.9/26, mbtmp3.8/13, MS2.1/1, Ms1.3/0/1, ms1mx2.4/28, Error ellipse: s-maj=34.9km s-min=14.9km az=79.0

ISCJ/B 24 03:26:56.3.0.6.3.49N:0.08:128.2E:0.2, h45km, mb3.8/13, MS2.7/1, Error ellipse: s-maj=26.5km s-min=10.7km az=171.1

ISC 24 03:26:58.1.0.7.3.5N:0.1:128.3E:0.2, h45km, n17, c=1F02 15, mb3.8/13, North of Halmahera

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, KSRs Korea Array, MJAR, STKA, etc.

ICD 24 03:27:14.3.4.2.53S:146.08E, h0km, mb3.3/2, mb1.3/6/4, mb1mx3.4/16, mbtmp3.5/4, ML3.2/2, Error ellipse: s-maj=67.0km s-min=52.5km az=51.0, Eastern New Guinea region

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

GUC 24 03:52:22.7.0.7.3077S:71.43W, h35km, 4km, MD4.2, ML3.2, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CMCH Combarbala, TLL Tololo Astrono, etc.

B/JJ 24 03:59:54.1.39.38N:77.86E, h8km, ML3.6/8, NNC 24 03:59:58.5.2.9.39.83N:77.77E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=24.6km s-min=21.3km az=130.0

ISC 24 04:00:02.3.2.40.00N:0.1:77.8E:0.1, h23km, n15, c=1948 14, 8C-2D, Southern Xinjiang

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

ICD 24 04:00:29.1.11.31S:119.41E, h47km, mb5.2/30, mb5.0/43, MS4.6/21, MS7.4/42, Error ellipse: s-maj=9.0km s-min=6.5km az=66.0

MOS 24 04:00:33.6.1.2.10.38S:119.14E, h33km, mb5.2/18, Error ellipse: s-maj=13.5km s-min=6.3km az=120.9

BKK 24 04:00:37.0.4.11.5.5.5.11.9E:1.0, h10km, M5.2/20, mb5.5/6, mb5.0/20, ML7.5/5.2, Mw(mb)5.0/6

ISCJ/B 24 04:00:34.5.0.4.0.0.71.5.0.0:2:118.9E:0.02, h50km, 3km, Ms=0/67, MS4.1/17, Error ellipse: s-maj=4.2km s-min=3.7km az=45.0

NEIC 24 04:00:35.3.0.2.10.62S:118.89E, h35km, mb4.9/23, Error ellipse: s-maj=6.8km s-min=5.4km az=54.0

DJA 24 04:00:36.4.0.2.11.5.2.21.19E:1.0, h8km, 7km, M5.1/29, mb5.5/22, mb5.3/29, ML7.5/4.22, Mw(mb)5.0/22

GCMT 24 04:00:37.2.0.3.10.62S:118.85E, h20km, 1km, MW4.9, Moment Tensor Solution, s19c24: s64,c93; Moment tensor: Scale 1016Nm, Mr=1.62E-16; Mw=0.72E-09; Mw0.90E-12; Mw1.0E-07; Mw2.16E-25; Best double couple: Mo2.80000E+10; NP1.9E+19.00000E+06, 0.66.00000E-03, 1.30.00000E-02, NP2.6E+19.00000E+06, 0.46.00000E-03, 1.35.00000E-02. Principal axes: T 2.65000, Plg12.00000

Azm308.00000; N 0.3800, Plg36.0000, Azm209.00000; P -0.3000, Plg52.0000; Azm53.0000; Data Used: IU IC IJ CU C CN

ICD 24 04:00:37.3.0.6.10.31S:119.05E, h41km, 4km, mb4.5/19, mb4.1/8/20, mb1mx4.5/22, mbtmp4.5/20, ML4.6/1.1, MS3.9/12, Ms1.3/9/12, ms1mx3.7/30, Error ellipse: s-maj=18.4km s-min=13.8km az=68.0

ISC 24 04:00:36.4.0.3.10.66S:103.3:118.91E:0.03, h44km, 2km, h44km:pp-P,n316,c=1975/379, mb4.9/67, MS4.2/19, 8C-13D,

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

Table with columns for station name, frequency, time, and signal strength. Includes stations like ASAR Alice Springs, MYKOM Kota Tinggi, BAKI Blak, etc.

Table with columns for station name, frequency, time, and signal strength. Includes stations like XAN comp=Z,11nm,0.8s, H08S2 Diego Garcia H, etc.

Table with columns for station name, frequency, time, and signal strength. Includes stations like HABR comp=Z,11nm,0.8s, H08S2 Diego Garcia H, etc.





24d 5h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like AAK, PKI, DMN, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like C09A, C09A, D08A, etc.

910

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DLMT, VORD, VORD, etc.





24d 5h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KWP, LEOM, R23A, P25A, EYMN, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KRKC, Y21A, BGNE, etc.

912

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like S30A, PKSG, SZH, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, LAST Lasithi, TCF Toule Ste Croi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, TORD Torodi Ar, VDA Vanda, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KYTH Kithira, VLI Velai, SHL Shillong, etc.



PRXIMO
CSEM 24 07:59:50.6:0.5,32.32N:18.82W,h10km,mb4.1/11,Error
ellipse: s-maj=12.3km s-min=4.2km az=104.0

ISC 24 07:59:50.1-7.32,32N:0.06:18.82W,0.09,h10km,n58,
00590772,1C-20,Madeira Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations like Porto Moniz, Madeira, Funchal, Porto Santo, Bajamar, etc.

EADA 63nm,1.6s,SNR=7.9
4.2nm,1.0s,SNR=7.9

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations like Orlik, Arshan, Arshar, Kyzyl, etc.

comp=E,15nm,1.0s
SYVR eSg Sb 08 04 54.7
SYVR eSg Sb 08 05 22.1+7.8
SYVR eSg Smax 08 05 32.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations like Ulaanbaatar, Nizh Angarsk, Ulyunghan, Kumora, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

IDC 24 09:08:54.9:1.6, 2.39S, 140.69E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/1.6, mb1mp3.5/4, ML3.6/1, Error ellipse: s-maj=72.4km s-min=17.3km az=100.0, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

TIF 24 09:17:17.0, 41.11N, 43.99E, h17km, 1km AZER 24 09:17:17.3, 0.41, 05N, 44.07E, h16km, Error ellipse: s-maj=3.9km s-min=2.4km az=302.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BAW Bavra, KAMZ Kamo, etc.

IDC 24 09:33:53.7, 3.3, 7.76N, 125.93E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/2.2, mb1mp3.5/3, Error ellipse: s-maj=299.6km s-min=26.1km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BAW Bavra, KAMZ Kamo, etc.

MAN 24 09:34:01.7, 88N, 125.62E, h22km, mb4.6, ML3.5, MS3.5 ISC 24 09:33:58.9, 1.0, 7.89N, 0.05, 125.92E, 0.05, h36km, n13, az=156.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BAW Bavra, KAMZ Kamo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like VNNZ Vanand, WNRZ Yerevan, etc.

IDC 24 09:44:31.4, 0.4, 3.1, 77S, 0.02, 71.65W, 0.06, h69km, mb2.9km, mb3.2/1, Error ellipse: s-maj=7.8km s-min=5.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BAW Bavra, KAMZ Kamo, etc.

ICC 24 09:44:32.1, 0.3, 1.31, 78S, 71.40W, h74km, mb4.4, GUC 24 09:44:32.4, 0.3, 1.31, 77S, 0.03, 71.65W, 0.07, h59km, 12km, n35, c1984/47, 9C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PACH Papudou, CMCH Combarbala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like TLL comp=N, 3um, 0.6s, Santa Lucia, etc.

IDC 24 09:57:12.5, 1.9, 1.97N, 125.88E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/2.1, mb1mp3.5/3, Error ellipse: s-maj=165.6km s-min=24.8km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 24 10:00:36.4, 3.4, 64.61N, 32.65E, h0km, mb1 3.1/3, mb1mx3.0/2.7, mb1mp3.0/3, ML2.6/3, Error ellipse: s-maj=45.6km s-min=1.2km az=102.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KU6 Riekkil, KU6 Riekkil, etc.

FINES 24 10:00:43.3, 5.1, 64.86N, 0.03, 30.65E, 0.09, h0km, n21, c1917/32, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KU6 Riekkil, KU6 Riekkil, etc.

NNC 24 10:21:22.3, 3.1, 54.09N, 86.94E, h0km, mb3.5, mpv3.1, 4C-6D, Error ellipse: s-maj=24.2km s-min=19.6km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KURK Kurchatov, KURB Kurchatov Arra, etc.

24d 10h

1.1nm,0.6s,baz=150,slow=15,SNR=3.6
VOSK Vostochayna 9.63 266 J Pn Pn 10 23 43.0 +0.9
VOSK 3.2nm,1.3s J S Sn 10 25 29.6 -1.4

IDC 24 10:28:03.1±1.5,9.89S:160.96E,h0km,mb3.9/4,
mb1 4.1/5,mb1mx3.7/19,mbtpp3.9/5,ML3.4/1,MS3.1/1,
Ms1 3.1/1,ms1mx2.7/19,Error ellipse: s-maj=45.0km
s-min=28.1km az=124.0,Bougainville - Solomon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, ANAR, SOM, ILAR.

ISCJJB 24 10:31:31.0±0.5,59.82N:0104.2420E,0.06,h0km,Error
ellipse: s-maj=6.0km s-min=3.6km az=148.2

IDC 24 10:31:31.3±0.5,59.69N:24.55E,h0km,mb1 3.5/2,
mb1mx3.1/26,mbtpp3.4/2,ML2.9/2,Error ellipse:
s-maj=43.0km s-min=12.6km az=155.0

CSEM 24 10:31:32.0±0.2,59.80N:24.25E,h2km,ML1.6,Error
ellipse: s-maj=5.8km s-min=3.9km az=143.0,Mining
explosion.

HEL 24 10:31:33.1±0.1,59.81N:24.19E,h0km,ML1.6,
ML1.8(UPP),Explosion

UPP 24 10:31:35.5±0.8,59.81N:23.84E,h0km,ML1.8,Suspected
Mining explosion.

ISC 24 10:31:31.0±0.8,59.76N:0103.2420E,0.03,h0km,n45,
c1581/66,Baltic States - Belarus - Northwestern Russia

Main table for the 24d 10h section, listing station data for various stations like MEF, MTSE, VJF, etc.

ISCJCB 24 10:40:01.3±0.4,59.80N:0103.2423E,0.06,h0km,Error
ellipse: s-maj=4.9km s-min=3.0km az=40.3

CSEM 24 10:40:02.1±0.3,59.83N:24.29E,h2km,ML2.3,Error
ellipse: s-maj=7.2km s-min=4.7km az=131.0,Mining
explosion.

NAO 24 10:40:02.8±1.0,59.79N:24.17E,ML2.3
UPP 24 10:40:03.7,59.94N:24.12E,h0km,ML2.2,Suspected
Mining explosion.

IDC 24 10:40:03.0±0.9,59.90N:24.27E,h0km,mb1 3.4/4,
mb1mx3.2/28,mbtpp3.4/4,ML3.6/3,Error ellipse:
s-maj=10.9km s-min=7.8km az=154.0

HEL 24 10:40:03.1±0.1,59.82N:24.18E,h0km,ML2.3,
ML2.2(UPP),Explosion

BER 24 10:40:03.4±3.2,59.79N:24.21E,h0km,ML2.3(NAO),
Suspected explosion

ISC 24 10:40:01.8±0.7,59.84N:0102.2415E,0.03,h0km,n60,
c1547/93,Baltic States - Belarus - Northwestern Russia

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

2009 NOV

Main table for the 2009 NOV section, listing station data for various stations like MATSULA, RAUMA, etc.

IDC 24 10:41:38.0±0.3,56.09N:164.11E,h0km,mb4 7/38,
mb1 4.9/14,mb1mx4.8/43,mbtpp4.7/41,ML4.3/3,MS3.9/23,
Ms1 3.9/23,ms1mx3.7/36,Error ellipse: s-maj=10.4km
s-min=7.8km az=8.0

BUI 24 10:41:40.5±5.6,56.24N:163.79E,h2km,mb5.1/27,mb4.9/33,
Ms4.7/23,Ms7.4/17

KRSC 24 10:41:40.1±3.4,56.08N:164.30E,h2km,23km,ML5.1

918

MOS 24 10:41:40.1±0.9,56.07N:164.13E,h23km,mb5.1/48,Error
ellipse: s-maj=7.0km s-min=4.8km az=90.0

DJA 24 10:41:41.0±1.1,56.16N:12.16E,2.2,h10km,MS.2/8,
mb5.2/8

NEIC 24 10:41:42.6±0.1,56.09N:164.08E,mb5.0/83,Error
ellipse: s-maj=4.3km s-min=2.3km az=169.0

ISCJB 24 10:41:42.0±0.3,56.01N:02.164:18E,0.02,h39km,3km,
mb4.9/180,MS4.1/32,Error ellipse: s-maj=4.1km
s-min=2.0km az=171.0

ISC 24 10:41:42.0±0.3,56.02N:02.164:20E,0.02,h25km,1km,
h25km,pp,n871,c1909/046,mb5.0/180,MS4.1/34,
214C-182D,Komandorsky Islands region

Main table for the 918 section, listing station data for various stations like KRUTBERGOGO, BERING, etc.



Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CLNS, OHAK, BPAW, KDKA, USRK, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like YKA, NJ2, RES, HVS, ZALV, etc.

Table with columns for station call letters, frequency, and various signal quality metrics. Includes stations like CD2, WDC, SLMT, MSO, etc.



921

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Wintersburg, Mohawk Valley, Lo Mia Camp, etc.

2009 NOV

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PKI Stuchoki, CHAI Chaiyaphum, W23A Warner Place, etc.

24d 10h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SRDT, X29A, Z27A, etc.

24d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include J-C Ranch, ISHV Shirvan, IKRD Kardesh, ISFR Sfrayin, IPAY Payeh, MIAR Mount Ida, etc.

2009 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CONA Conrad Observa, HARR Harsova, THRR Targosur, WARR Warramunga, etc.

922

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include ROSC, YKA Yellowknife Arr, WRA Warramunga Arr, NEIC 24 11:29:54.6, etc.



24d 12h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SRPI, BAKI, FORT, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PAGZ, PLP, OCLP, etc.

924

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like OSI, DECC, PASC, etc.



24d 12h

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Y23A Lovelace Mesa, 527A Woodward Ranch, WRACK Wrangell Island, etc.

2009 NOV

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like TIA comp=Z.220nm,1.4s, TIA comp=Z.12um,12.9s, TIA comp=Z.13um,28.5s, etc.

926

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Y28A McKinney Farm, SYO Syowa Base, P23A Jefferson, etc.







929

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TLY, MTJD, SHL, CPUP, LMG, etc.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HYB, JBP, NGP, SNG, etc.

24d 12h

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

24d 12h

2009 NOV

930

Table with 4 columns: Station Name, Time/Speed, Status, and other codes. Rows include stations like FLOS Flostrand, STOK Stokkvaagen, MORB Moirava, ABTO Aytut, etc.

Table with 4 columns: Station Name, Time/Speed, Status, and other codes. Rows include stations like KPL Karacaban, HOMB Homborsund, DIGO HIGBO, HIGBO Kars, etc.

Table with 4 columns: Station Name, Time/Speed, Status, and other codes. Rows include stations like MBAR Mbarara, MBAR Mbarara, MBAR Mbarara, KIS Kishinev, etc.

Main table containing flight schedules with columns for airline, destination, time, status, and agent. Includes various entries such as Dobruska-Polom, Givert, and Black Forest.

Table with columns for team names (e.g., BGF, BOUS, CABF), scores, and performance indicators. Includes sub-sections like 'comp=Z.491nm,1.1s' and 'comp=Z.249m,21.0s'.

Table with columns for team names (e.g., VIVF, AOS, MBDF), scores, and performance indicators. Includes sub-sections like 'comp=Z.199m,20.0s' and 'comp=Z.2.0nm,20.0s'.

Table with columns for team names (e.g., LTK, VIEF, LMR), scores, and performance indicators. Includes sub-sections like 'comp=Z.257m,20.0s' and 'comp=Z.249m,1.4s'.



Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like TPUB Ta-pu, LRCM Laurel Mountain, OHCM Houct, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like X18A Snowflake, Z20A Nine Sixteen R, 221A Mesquite Ranch, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings like V22A San Miguel Ran, 125A Gardner Draw, Y24A Capitan, etc.



Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like 431A Sonora, Q23A Hartsel, W27A Bove Ranch, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like EFI comp=Z,400nm,1.7s, EFL East Falkland, T28A Waco, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like B22A Reddig Ranch S, J27A Elkhorn Farm, R32A Lons Quarter, etc.

24d 13h

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like LZH Lanzhou, PP, SKS, and various array stations.

2009 NOV

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like GNI Garni, KMBO Kilima Mbogo, and various array stations.

936

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like WTTA Wattenberg, DAVA Damuets, and various array stations.

AUST 24 13:19:51.3.0.0, 181.025S:172.09W, h80km, Error ellipse: s-maj=2.0km s-min=1.5km az=29.0
IDC 24 13:19:56.8.0.0, 20.705S:174.11W, h10km, mb4.1/12, mb1 4.3/13, mb1mx4.2/22, mbtmp4.1/13, ML4.4/1, Error ellipse: s-maj=29.0km s-min=18.8km az=131.0

ISCJB 24 13:19:59.5.0.7, 20.85S:171.74W, 0.1, h26km, mb4.0/12, Error ellipse: s-maj=22.8km s-min=13.9km az=45.0
ISC 24 13:20:00.8.0.8, 20.75S:174.0W, 0.2, h26km, n28, c180B/26, mb4.0/12, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like AFI Afiamalu, DZM Mont Dumazac, URZ Urewera, etc.

MAN 24 13:22:18.9.33N:125.88E, h3km, mb4.2, ML3.0, MS2.8, Mindanao

ISCJB 24 13:28:11.1.0.5, 48.28N:0.07S:153.1E, 0.1, h128km, mb3.7/16, Error ellipse: s-maj=13.6km s-min=5.5km az=41.5

SKHL 24 13:28:11.5.1.0, 48.50N:153.10E, h113km, 10km, mb5.2/1, ms5.2/2, mshd4.9/1
MOS 24 13:28:14.9.1.1, 48.28N:152.91E, h165km, mb4.2/4, Error ellipse: s-maj=15.4km s-min=8.7km az=59.1

IDC 24 13:28:16.7.2.2, 48.30N:153.00E, h165km, 20km, mb3.2/14, mb1 3.4/18, mb1mx3.3/32, mbtmp3.2/18, Error ellipse: s-maj=17.5km s-min=11.3km az=145.0
ISC 24 13:28:13.2.0.7, 48.18N:0.10S:152.93E, 0.10, h128km, n57, c186B/54, mb3.8/16, 2C-4D, Kuril Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like SKR Severo-Kuril's, SKR 29um, 18.0s, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like JNKB Urakawa-nobuka, JNKB Kayaba, JYK Yakumo, etc.

NEIC 24 13:32:10.8.0.2, 20.585S:174.02W, h10km, mb5.1/46, Error ellipse: s-maj=7.9km s-min=4.3km az=138.0
NEIC Felt at Nuku'alofa.
AUST 24 13:32:11.8.0.1, 20.555S:173.44W, h35km
ISCJB 24 13:32:11.8.0.1, 20.685S:0.05S:174.00W, 0.03, h27km, mb5.2/102, MS5.5/7, Error ellipse: s-maj=7.3km s-min=3.0km az=154.0

BUI 24 13:32:12.6.20.07S:174.57W, h5km, mb5.5/7, mb5.2/29, Ms5.5/7, Ms7.5/10
MOS 24 13:32:14.5.1.2, 20.265S:173.78W, h33km, mb5.2/18, Error ellipse: s-maj=15.0km s-min=10.9km az=77.0

IDC 24 13:32:15.8.3.0, 20.605S:174.16W, h40km, 25km, mb4.7/22, mb1 4.8/23, mb1mx4.8/25, mbtmp4.7/23, ML4.7/1, MS5.5/1, Ms1 5.5/1, ms1mx4.7/26, Error ellipse: s-maj=15.5km s-min=11.7km az=135.0

DJA 24 13:32:29.1.3.2, 3.21S:9.17W, 1.5, h123km, 26km, Ms5.3/29, mB7.4/1, mb5.3/29, Mw(mB)7.4/1
NOU 24 13:32:02.1.1.8, 19.325S:178.19W, h30km
ISC 24 13:32:12.9.0.3, 20.625S:0.05S:173.98W, 0.06, h27km, n577, c193S/58B, mb5.1/102, MS5.7/7, 106C-129D, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like MILA Mila, CTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like EDW2, ISA, ISA, ISA, LEM, LEM, PFO, PFO, LRM, TPUB, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like DUG, MASI, BMO, W20A, ETW, Y21A, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MENT, H17A, 531A, 330A, IPM, etc.



24d 16h

Table with columns: HFS, Hagnors, SNR, Pn, Pn, 14 22 55.3 +2.1, LCO, comp=E,25nm,0.4s, AML, AML, 14 30 26.0

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

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

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

2009 NOV

Main table with columns: LCO, comp=E,25nm,0.4s, AML, AML, 14 30 26.0, ISCJB 24 14:34:21.4, ECX 24 14:34:22.8, NEIC 24 14:34:23.4, NEIC FAL [I] at Irvine and San Diego, ISC 24 14:30:21.6, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

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

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

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

940

Table with columns: PRHZ, DVHZ, ANWZ, BFZ, MRZ, TWZ, CPWZ, HOWZ, OGWZ, CAW, 4.11 191, 4.23 196, 4.32 192, 4.58 194, 4.71 200, 4.75 197, 4.81 193, 4.95 199, 4.98 202, 5.28 202

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

ISCJB 24 16:05:06.9, 3.55:63N, 160:21E, 0.09, h191km, 2km, mb3.5/10, Error ellipse: s-maj=8.4km

MOS 24 16:05:07.3, 0.9, 55:67N, 160:03E, h193km, mb4.1/2, Error ellipse: s-maj=22.1km s-min=12.4km az=91.7

ISC 24 16:05:07.3, 0.7, 55:55N, 160:37E, 0.06, h188km, 5km, n59, 110/77, mb3.4/10, 1C-2D, Kamchatka Peninsula

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

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

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

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

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

ISCJ24 16:32:20.1±0.7, 36.02N±0.08, 137.77E±0.09, h239km, 5km, mb3.6/2, Error ellipse: s-maj=12.9km

ISCJ24 16:32:20.8±0.1, 36.02N±0.08, 137.77E±0.09, h239km, 5km, mb3.6/2, Error ellipse: s-maj=12.9km

ISCJ24 16:32:21.0±0.1, 36.02N±0.08, 137.77E±0.09, h239km, 5km, mb3.6/2, Error ellipse: s-maj=12.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNT, MAT, MJAR, etc.

WEL 24:16:44.33±0.3, 38.04S±175.69E, h266km, 4km, ML3.6/9, 1D, Error ellipse: s-maj=6.9km s-min=6.9km az=0.0,

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

ISCJ24 16:47:10.4±1.1, 48.16S±99.59E, h0km, mb3.8/5, ms1 4.0/5, mb1mx3.8/16, mbtmp3.8/5, MS4.2/3, Ms1 4.2/3, ms1mx3.7/21, Error ellipse: s-maj=46.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H01W2, H01W3, etc.

ISCJ24 16:55:02.0±0.8, 20.78S±173.89W, h0km, mb3.9/10, mb1 4.1/10, mb1mx4.0/20, mbtmp3.9/10, MS3.5/2, Ms1 3.6/2, ms1mx3.2/26, Error ellipse: s-maj=32.8km

ISCJ24 16:55:05.0±0.8, 20.68S±173.3W±0.1, h21km, mb3.9/10, MS4.0/1, Error ellipse: s-maj=20.0km s-min=17.9km

ISCJ24 16:55:06.7±0.8, 20.55S±173.4W±0.1, h21km, n14,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, RAR, STKA, ASAR, etc.

ISCJ24 17:06:30.3±2.1, 20.05S±174.66W, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/20, mbtmp3.8/6, ML2.2/1, Error ellipse: s-maj=105.5km s-min=21.9km az=142.0

ISCJ24 17:06:30.5±0.7, 20.35S±173.3W±0.9, h137km, n8, h27.5/5, mb3.5/5, Tonga Islands

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

MAN 24:17:17.52, 10.75N±122.07E, h31km, mb3.9, ML2.6, MS2.2, 1D, Panay

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

ISCJ24 17:21:06.5±1.2, 21.20S±173.77W, h0km, mb4.2/11, mb1 4.5/12, mb1mx4.3/20, mbtmp4.2/12, ML3.9/1, Error ellipse: s-maj=50.9km s-min=18.5km az=148.0

NEIC 24:17:21.08±0.6, 21.02S±173.84W, h10km, mb4.8/10, Error ellipse: s-maj=25.5km s-min=10.1km az=151.0

ISCJ24 17:21:10.1±0.5, 20.75S±174.07W±0.1, h26km, mb4.5/21, Error ellipse: s-maj=19.5km s-min=9.2km az=148.7

ISCJ24 17:21:11.8±0.6, 20.88S±174.07W±0.1, h26km, n66, s1916/44, mb4.5/21, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, RAR, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANMO, TRF, MCK, etc.

ISCJ24 17:45:18.6±1.3, 43.99S±80.38W, h0km, mb3.7/1, mb1 4.3/2, mb1mx3.8/15, mbtmp3.9/2, ML4.4/1, MS4.2/12, Ms1 4.2/12, ms1mx4.0/15, Error ellipse: s-maj=53.9km

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

ISCJ24 17:58:11.8±1.2, 6.98S±128.93E, h0km, mb3.9/4, mb1 3.7/7, mb1mx3.5/20, mbtmp3.7/7, ML3.4/3, Error ellipse: s-maj=50.0km s-min=24.0km az=81.0

AUST 24:17:58.29±2.4, 7.91S±128.71E, h27km, 1km, Error ellipse: s-maj=3.1km s-min=1.2km az=302.0

ISCJ24 17:58:25.9±1.1, 7.77S±128.70E±0.1, h131km, n15, s2444/10, mb3.4/4, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TLE, MTN, KDU, etc.

KRSC 24:18:02.44±8.3, 9.5608N±164.36E, h10km±10km, ML3.6, Komandorski Islands region

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KLY, KRSR, MKZ, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GRO, GRO, GLO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BRVK, FINES, etc.

ISC/JB 24 18:06:24.0±1.2, 12.1S; 0.2±165.8E; 0.1, h33km, mb3.7/5, Error ellipse: s-maj=29.0km s-min=14.9km az=19.2

IDC 24 18:06:31.9±2.1, 11.97S; 165.83E; h84km, mb3.5/5, mb1.3/6, mb1mx3.4/19, mbtmp3.6/6, ML4.3/1, Error ellipse: s-maj=58.1km s-min=30.7km az=122.0

ISC 24 18:06:25.6±1.5, 12.1S; 0.2±165.9E; 0.1, h35km, m6, ±138/7, mb3.5/5, Santa Cruz Islands

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

UNCR Unukulu comp=Z.40nm,0.2s 0.69 139 i Pg Pg 18 35 38.0 -0.1

UNCR Unukulu comp=Z.40nm,0.2s 0.69 139 i Pg Pg 18 35 38.0 -0.1

UNCR Unukulu comp=Z.40nm,0.2s 0.69 139 i Pg Pg 18 35 38.0 -0.1

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like UNCR, XNZR, etc.

WEL 24 18:41:01.7±0.1, 13.94S; 175.35E, h8km, ML3.5/34, 12C-1D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RITZ, RITZ, etc.

IDC 24 18:16:03.2±3.5, 32.05S; 178.28W, h0km, mb3.6/2, mb1.3/9/2, mb1mx3.6/16, mbtmp3.6/2, Error ellipse: s-maj=177.0km s-min=56.2km az=163.0, South of Kermadec Islands

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

GNBR Gunitb 1.02 146 i PG Pg 18 35 45.0 -0.2

GNBR Gunitb 1.02 146 i PG Pg 18 35 45.0 -0.2

GNBR Gunitb 1.02 146 i PG Pg 18 35 45.0 -0.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GNBR, VLKR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RITZ, RITZ, etc.

DJA 24 18:27:51.8±0.7, 10.5S; 6.119E; h10km, M3.8/5, ML3.3/5, Sumba Regency

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WSI, WSI, etc.

CMKR Kumukh comp=Z.56nm,0.2s 1.29 148 i Pg Pg 18 35 50.0 +0.3

CMKR Kumukh comp=Z.56nm,0.2s 1.29 148 i Pg Pg 18 35 50.0 +0.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CMKR, ARNR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RITZ, RITZ, etc.

AUST 24 18:33:18.2, 3.50S; 126.51E, h450km, ISC/JB 24 18:33:22.3±0.5, 4.37S; 0.06±125.88E; 0.08, h398km, mb3.1/5, Error ellipse: s-maj=11.0km s-min=7.4km az=160.3

DJA 24 18:33:22.6±1.1, 5.5S; 8.12E, h389km, M4.0/4, mb4.5/2, mb3.9/4, MLV4.1/2, Mw(MB)3.6/2

IDC 24 18:33:23.9±2.4, 4.41S; 125.92E, h401km, mb2.9/6, mb1.3/8, mb1mx2.9/23, mbtmp2.9/8, Error ellipse: s-maj=51.9km s-min=9.6km az=69.0

ISC 24 18:33:23.8±0.7, 4.41S; 0.08±126.0E; 0.1, h398km, m24, ±058/25, mb3.3/5, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NLAI, BNDI, etc.

KORR Kora 1.56 265 e Pg S 18 35 53.2 -0.2

KORR Kora 1.56 265 e Pg S 18 35 53.2 -0.2

KORR Kora 1.56 265 e Pg S 18 35 53.2 -0.2

DUS Dusheti 1.59 224 S Pb 18 35 54.8 0.0

DUS Dusheti 1.59 224 S Pb 18 35 54.8 0.0

DUS Dusheti 1.59 224 S Pb 18 35 54.8 0.0

ZKTA Zakatata 1.63 169 i Pn Pb 18 35 55.3 -0.2

ZKTA Zakatata 1.63 169 i Pn Pb 18 35 55.3 -0.2

ZKTA Zakatata 1.63 169 i Pn Pb 18 35 55.3 -0.2

LSNR Lesken 1.73 272 e Pg S 18 36 05.8 -0.4

LSNR Lesken 1.73 272 e Pg S 18 36 05.8 -0.4

LSNR Lesken 1.73 272 e Pg S 18 36 05.8 -0.4

ZEI Tsey 1.74 256 e Pg S 18 35 55.3 -0.7

ZEI Tsey 1.74 256 e Pg S 18 35 55.3 -0.7

ZEI Tsey 1.74 256 e Pg S 18 35 55.3 -0.7

SEAG Tbilisi Sea 1.79 215 P Pb 18 35 58.5 +0.1

SEAG Tbilisi Sea 1.79 215 P Pb 18 35 58.5 +0.1

SEAG Tbilisi Sea 1.79 215 P Pb 18 35 58.5 +0.1

TBLG Delisi 1.85 216 P Pb 18 36 23.2 +0.5

TBLG Delisi 1.85 216 P Pb 18 36 23.2 +0.5

TBLG Delisi 1.85 216 P Pb 18 36 23.2 +0.5

NALCHIK Nalchik 1.91 279 Pn Pb 18 36 22.8 +0.5

NALCHIK Nalchik 1.91 279 Pn Pb 18 36 22.8 +0.5

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PKVZ, Pokaka, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PKVZ, Pokaka, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PKVZ, Pokaka, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PKVZ, Pokaka, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KASI, Kota Agung, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KASI, Kota Agung, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KASI, Kota Agung, etc.

CSEM 24 18:35:24.7±0.2, 43.28N; 46.20E, h2km, mb4.1, Error ellipse: s-maj=6.2km s-min=3.1km az=24.0

AZER 24 18:35:25.2±4.8, 0.43N; 46.09E, h23km, m11km, Error ellipse: s-maj=14.2km s-min=7.5km az=240.0

TIF 24 18:35:25.4, 43.32N; 46.12E, h21km, 10km

MOS 24 18:35:25.3±1.6, 43.20N; 46.14E, h15km, mb4.1/1, Error ellipse: s-maj=8.3km s-min=5.4km az=30.6

ISC 24 18:35:25.0±1.1, 43.24N; 0.03±46.19E; 0.02, h5km, 9km, n74, ±1914/125, 12C-19D, Eastern Caucasus





Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Black Hills, Sunshine Ranch, Rockford, Dirks Ranch, Casper, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like McKenzie Canyon, Limekiln Ridge, South Promonto, Paradox Valley, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Hachijojimakas, Mitsune, Mitsune, Boso, Boso 1, Boso 2, etc.



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

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

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

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

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

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

az=165.5
JMA 24 23:45:47.3.0.1, 35.74N; 140.63E, h48km, 1km, M2.7
ISC 24 23:45:47.0.1.1, 35.76N; 0.05:140.75E.0.08, h52km, 8km,

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

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

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

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

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

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

ISCJB 25 00:21:22.9.0.8, 67.86N; 0.04:20.2E.0.2, h0km, Error
ellipse: s-maj=9.8km s-min=5.7km az=16.7

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

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

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

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

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

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

Table with columns: ODZ, Otahua Downs, 5.29 203 PN, Pn, 00 23 39.4 -2.4. Includes ISCBJ 25 00:46:55.7, 1.20, 0N, 0.2:117.2W, 0.2, h10km, mb3.6/3, MS3.3/4, Error ellipse: s-maj=30.1km s-min=20.9km az=154.3.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Lajitas Array 15.34 50 Pn, TXAR baze=235, slow=17, SNR=7.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Alice Springs 43.33 257 P, WRA Warramunga Arr 43.41 263 P, NVAR Mina Array Bea 81.98 44 P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Zahedan 0.94 127 ePg, ZHSD Zahedan 0.94 127 ePg, Kooshah 2.37 341 ePg.

Table with columns: IMEH, Mehriz, 4.72 286 ePn, Pn, 01 10 20.5 +2.0. Includes Chekchek 5.15 295 ePn, Pn, 01 10 24.4 +0.1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Port Moresby 3.81 167 ePn, Pn, 01 16 05.3 -2.2.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Alice Springs 21.52 212 eP, P, 01 19 08.0 +0.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Zahedan 0.94 127 ePg, ZHSD Zahedan 0.94 127 ePg, Kooshah 2.37 341 ePg.

Table with columns: MEEK, Meekatharra, 33.66 229 P, P, 01 20 58.6 +0.9. Includes KMBL Kambalda, 34.33 219 P, P, 01 21 04.1 +0.7.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Port Moresby 3.81 167 ePn, Pn, 01 16 05.3 -2.2.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Alice Springs 21.52 212 eP, P, 01 19 08.0 +0.5.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes Zahedan 0.94 127 ePg, ZHSD Zahedan 0.94 127 ePg, Kooshah 2.37 341 ePg.



STKA Stephens Creek 26.35 156 P P 02 27 57.1 -0.1

CASC 25 02:35:13.9.2.1, 12.83Nk.90.44W, h5km,9km, MD3.8

ISC 25 02:35:14.1.2.7, 12.84Nk.07.90.44W.0.07, h15km,16km,

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Blas, El Retiro, San Jose, Boqueron, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

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Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

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Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Miguel, Marmol, JuntasAbangare, etc.

H08S2 Diego Garcia H 26.04 250 T T 03 59 14.0

H08S3 Diego Garcia H 26.04 250 T T 03 59 12.6

H08S1 Diego Garcia H 26.05 250 T T 03 59 15.9

H01W3 Cape Leeuwin H 39.31 158 T T 04 15 51.1

H01W2 Cape Leeuwin H 39.33 158 T T 04 15 50.0

H01W1 Cape Leeuwin H 39.35 158 T T 04 15 50.6

WRA Warramunga Arr 42.16 122 P P 03 34 34.8 -0.5

ASAR Alice Springs 43.51 127 P P 03 34 46.4 +0.1

KSRS Korea Array 45.91 35 P P 03 35 05.3 +0.2

SONM Songoing Array 47.13 9 P P 03 35 15.5 +0.8

MKAR Makanchi Array 47.19 326 P P 03 35 16.2 +1.2

KURBB Kurchatov Arra 51.68 345 P P 03 35 50.2 +1.1

ZALV Zalesovo Beam 53.52 351 P P 03 36 03.5 +0.8

BVBR Borovoye Array 56.19 341 P P 03 36 21.2 -1.0

KBZ Khabaz 63.97 319 P P 03 37 13.8 -1.9

BRTR Keskin Array B 69.00 312 P P 03 37 47.6 -0.6

HFS Hagfors 85.64 330 LR LR 04 19 23.6

ISCJ 25 03:34:54.8.2.3, 4.90S; 102.12E, h0km, mb3.9/8,

ISCJ 25 03:34:59.4.1.8, 5.06S; 0.08; 101.98E; 0.10, h58km, 14km,

DJA 25 03:35:00.3.1.2, 5.5S; 10.2E; h29km, ML4.2/6,

ISC 25 03:35:00.2.3.1, 5.15S; 0.1; 102.0E; 0.2, h44km, 24km, n22,

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

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Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like MNAI, MASI, MASI, etc.

H11S3 WAKE ISLAND Hy 30.45 144 T T 04 38 24.7

H11S2 WAKE ISLAND Hy 30.46 144 T T 04 38 26.3

ILAR Eielson Array 39.88 37 P P 04 07 24.4 0.0

MKAR Makanchi Array 44.91 297 eP P 04 08 05.8 +0.4

MKAR Makanchi Array 44.91 297 P P 04 08 05.1 -0.3

KURK Kurchatov Arra 45.68 303 P P 04 08 10.7 -0.6

AAK Ala-Archa 51.74 295 P P 04 08 58.6 +0.7

AAK Ala-Archa 51.74 295 P P 04 08 58.6 +0.7

ARCES ARCESS Array B 58.43 340 P P 04 09 42.7 -2.5

FINES FINES Array B 64.22 333 P P 04 10 22.8 -1.5

CTA Charters Tower 64.81 182 P P 04 10 33.0 +4.5

OBN Obninsk 64.90 324 P P 04 10 28.0 -0.0

NOA NORARS Array B 68.80 339 P P 04 10 51.8 -1.7

HFS Hagfors 85.62 338 P P 04 10 52.9 -1.2

KBZ Khabaz 69.72 312 P P 04 11 00.7 +1.3

KBZ Khabaz 69.72 312 P P 04 11 00.7 +1.3

KHC Kasperke Hory 78.35 332 eP P 04 11 50.5 +1.0

KHC Kasperke Hory 78.35 332 eP P 04 11 50.5 +1.0

GERES GERES Array B 78.55 331 P P 04 11 50.7 0.0

NEIC 25 04:11:17.9.51.12N; 178.14W, h11km, mb3.9/4,

ISCJ 25 04:11:18.0.9.51.12N; 0.1; 178.20W; 0.06, h53km, 6km,

ISC 25 04:11:19.9.1.6.51.2N; 0.1; 178.20W; 0.05, h52km, 12km,

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

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Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like TAFI, TAFE, TAPA, etc.

SKHL 25 04:00:00.1.2.7, 45.80N; 149.40E, h107km, 15km, mb4.4/1,

ISCJ 25 04:00:03.0.6.0, 45.03N; 0.07; 148.5E; 0.1, h141km, 5km,

MOS 25 04:00:04.0.1.5, 45.26N; 148.33E, h133km, mb4.3/8, Error

JMA 25 04:00:08.4.0.6, 44.64N; 148.46E, h128km, M4.0,

ISC 25 04:00:09.7.4.3, 45.49N; 148.52E, h168km, 40km,

ISC 25 04:00:04.4.1.0, 45.00N; 0.07; 148.56E; 0.09, h135km, 6km,

Code Station Name Azimuth Phase ID Time Res. Includes stations like KUR, KUR, KUR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like KUR, KUR, KUR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like KUR, KUR, KUR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like KUR, KUR, KUR, etc.

Code Station Name Azimuth Phase ID Time Res. Includes stations like KUR, KUR, KUR, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S2, H08S3, H08S1, etc.

Table with 6 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S3, H11S2, ILAR, etc.





ASAR Alice Springs 28.55 166 P P 06 34 55.9 -1.3
CMAR Chiang Mai Arr 30.42 300 P P 06 35 14.5 +0.8
STKA Stephens Creek 38.59 159 P P 06 36 25.5 +1.4

HTT Hallett 39.15 164 P P 06 44 22.5 +2.5
USRK Ussuriysk Arra 40.18 6 P P 06 44 30.2 +1.7
ARMA Armidale 41.89 147 eP P 06 44 42.1 -0.8

MAN 25 07:14:09.9 31N125:59E, h7km, mb4.5, ML3.4, MS3.3, 1D, Mindanao
Code Station Name A° AZ° Phase ID Time Res

BUI 25 06:36:48.7, 371N126:53E, h21km, mB5.0/9, mb4.6/13, Ms4.5/1, Ms7.4/2
IDC 25 06:36:49.0, 5.4, 08N126:53E, h0km, mb4.2/17, mb1.4, 3/17, mb1mx3.4/24, mb1mp4.2/17, MS3.8/11, Ms1.9/11, ms1mx3.5/36, Error ellipse: s-maj=29.8km s-min=10.3km az=76.0

PETK Petropavlovsk 55.11 22 P P 06 46 23.7 -0.4
PETK Petropavlovsk 55.11 22 P P 06 46 23.7 -0.4
MKK1 Makanchi Array 57.13 325 eP P 06 46 37.7 -1.0

KRSC 25 07:18:51.3, 8.1, 48:95N156:30E, h10km, 10km, ML3.9, East of Kuril Islands
Code Station Name A° AZ° Phase ID Time Res

Code Station Name A° AZ° Op Phase ID Time Res
SGSI Sangihe 1.14 247 P Pn 06 37 15.8 -0.2
SGSI 06 37 32.3 +1.8
GSPH General Santos 2.52 320 I/P 06 37 35.3 +0.1

ZALV Zalesovo Beam 60.16 333 P P 06 46 57.7 -1.8
ZALV Zalesovo Beam 60.16 333 P P 06 46 57.7 -1.8
ZALV Zalesovo Beam 60.16 333 P P 06 46 57.7 -1.8

IDC 25 07:19:16.0, 2.0, 16:12S172:82W, h0km, mb4.0/6, mb1.4, 3/6, mb1mx4.1/20, mbtmp4.0/6, MS3.4/4, Ms1.3/4, ms1mx3.2/28, Error ellipse: s-maj=120.9km s-min=20.5km az=145.0
Code Station Name A° AZ° Op Phase ID Time Res

Code Station Name A° AZ° Op Phase ID Time Res
LWUI Luwuk 6.40 217 P Pn 06 38 32.2 +3.9
LWUI Luwuk 6.40 217 P Pn 06 38 33.3 +5.5
SWI Sorong 6.83 137 P Pn 06 38 33.2 -1.0

VSR Storzhevoye 85.18 321 eP P 06 49 26.0 -2.1
VSR VSR comp=N,7.0nm,0.6s Pmax pmax
VSR comp=E,8.0nm,0.6s Pmax pmax

NNC 25 07:24:23.5, 5.5, 53:39N, 86:14E, h4km, 27km, mb3.5, mp3.2, 5C-2D, Errc ellipsoid: s-maj=38.0km s-min=20.7km az=60.0, Southeastern Siberia
Code Station Name A° AZ° Op Phase ID Time Res

Code Station Name A° AZ° Op Phase ID Time Res
CMAR Chiang Mai Arr 30.53 300 P P 06 43 06.5 +0.4
CMAR Chiang Mai Arr 30.53 300 P P 06 43 06.5 +0.5
MEEK Meekatharra 31.55 194 P P 06 43 14.4 -0.4

Code Station Name A° AZ° Op Phase ID Time Res
CFAA Coronel Fontan 5.39 213 Pn P 07 05 17.1 -1.0
CFAA 0.4nm,0.3s,baz=63,slow=13,SNR=3.0 Pg P 07 05 15.0 +3.1

Code Station Name A° AZ° Op Phase ID Time Res
AFI Afiamalu 2.01 32 Pn P 08 05 08.4 -1.2
AFI 8.1nm,0.3s,baz=287,slow=3.3,SNR=12 Sn Sn 08 05 33.2 -0.6

25d 10h

2009 NOV

ellipse: s-maj=18.0km s-min=12.0km az=148.0
AUST 25 08:17:09.0, 0.3, 18:58S-177:54W, h637km, 5km, Error
ellipse: s-maj=9.1km s-min=7.0km az=147.0
ISC 25 08:17:05.7, 0.9, 18:65S:0:1x177:5W:0.2, h600km, n39,
o089/37, mb4.1/13, 1C-3D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like AFi Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

ISC 25 09:13:26.0, 1.1, 15:50Sx173:30W, h0km, mb4.1/10,
mb1 4.3/10, mb1mx4.2/22, mbtmp4.1/10, MS3.8/8,
Ms1 3.8/8, ms1mx3.5/37, Error ellipse: s-maj=58.4km
s-min=17.3km az=147.0,
ISCJJB 25 09:13:30.5, 1.0, 15:55S:0:173:4W:0.2, h42km, mb4.0/10,
MS3.8/7, Error ellipse: s-maj=53.9km s-min=15.3km
az=147.6
ISC 25 09:13:32.1, 1.2, 15:55S:0:173:4W:0.3, h42km, n31,
o051/14, mb4.0/10, MS3.9/7, Tonga Islands
region

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

1.1nm, 1.0s, baz=230, slow=5.4, SNR=6.6
ILAR Eielson Array 82.51 11 P
0.7nm, 0.9s, baz=232, slow=6.3, SNR=9.9
P R 09 25 49.2 -0.8
PMSA Palmer Station 84.09 156 LR
comp=2.7, 2.2m, 21.2s, baz=332, slow=2.9
JTS JuntasAbangare 91.19 19 LR
comp=6.1nm, 18.6s, baz=31, slow=31
GERES GERESS Array B 146.22 352 PKPbc
0.5nm, 0.4s, baz=19, slow=2.2, SNR=3.2
BRTR Keskin Array B 146.24 31 PKPbc
1.5nm, 0.6s, baz=40, slow=1.4, SNR=9.4

ISC 25 09:15:46.8, 1.3, 21:07Sx173:85W, h0km, mb3.9/9,
mb1 4.2/9, mb1mx4.0/19, mbtmp3.9/9, Error ellipse:
s-maj=57.2km s-min=20.8km az=150.0
ISC 25 09:15:52.2, 1.1, 20:45S:0:174:2W:0.2, h26km, n13,
o129/12, mb3.9/9, Tonga Islands
region

Code Station Name Az Az' Phase ID Time Res
AFi Afiamalu 6.81 20 Op Pn 09 17 29.3 -1.2
AFi Afiamalu 6.81 20 Pn Pn 09 17 29.3 -1.2
AFi Afiamalu 6.81 20 Pn Pn 09 17 29.3 -1.2

ISC 25 09:23:11.8, 2.5, 20:07Sx174:56W, h0km, mb3.8/5,
mb1 4.1/6, mb1mx3.9/21, mbtmp3.9/6, ML2.7/1, Error
ellipse: s-maj=114.6km s-min=22.9km az=145.0
ISCJJB 25 09:23:29.4, 2.3, 18:85S:0:175:4W:0.5, h137km, mb3.5/5,
Error ellipse: s-maj=87.7km s-min=11.3km az=136.6
ISC 25 09:23:31.0, 2.5, 18:85S:0:175:3W:0.5, h137km, n6,
o156/5, mb3.6/5, Tonga Islands
region

Code Station Name Az Az' Phase ID Time Res
AFi Afiamalu 5.92 35 Op Pn 09 24 51.7 -5.0
AFi Afiamalu 5.92 35 Pn Pn 09 24 51.7 -5.0
AFi Afiamalu 5.92 35 Pn Pn 09 24 51.7 -5.0

ISC 25 09:35:07.5, 4.3, 0, 15:26S-173:00W, h0km, mb4.1/3,
mb1 4.3/3, mb1mx3.8/20, mbtmp4.1/3, Error ellipse:
s-maj=840.4km s-min=166.9km az=78.0, Samoa Islands
region

Code Station Name Az Az' Phase ID Time Res
SHL Shillong 5.70 348 ePn Pn 09 23 36.3 -13
SHL Shillong 5.70 348 eS Pn 09 23 36.3 -13
MKAR Makanchi Array 22.50 231 P
0.2nm, 0.4s, baz=134, slow=11, SNR=4.0
JNU Nakatsue 28.97 71 LR
comp=2.7nm, 18.1s, baz=61, slow=39
WRA Warramunga Arr 59.24 139 P
0.9nm, 0.4s, baz=328, slow=7.7, SNR=30
ASAR Alice Springs 61.95 142 P
0.4nm, 0.7s, baz=321, slow=7.0, SNR=6.2

CACH Las Campanas 2.91 343f eS Sn 10 05 54.6 +1.4
LCO LCO eS Pn 10 05 30.5 +0.6
LCO LCO eS Pn 10 06 04.4 -0.4
LCO LCO AML AML 10 06 06.2
comp=E, 106nm, 0.2s

ISCJJB 25 10:05:50.9, 0.2, 16:07S:0:166:173:0W:0.04, h10km,
mb4.8/103, MS4.6/38, Error ellipse: s-maj=9.3km
s-min=4.0km az=152.7
IDC 25 10:05:50.6, 0.6, 15:98Sx172:89W, h0km, mb4.4/23,
mb1 4.6/23, mb1mx4.5/29, mbtmp4.4/23, MS4.6/24,
Ms1 4.6/24, ms1mx4.4/37, Error ellipse: s-maj=20.3km
s-min=13.4km az=138.0
BUJ 25 10:05:50.8, 16:70S:172:80W, h10km, mb5.4/29,
mb5.1/28, MS5.1/24, MS7.4/25
NEIC 25 10:05:52.7, 0.3, 16:09S:173:08W, h10km, mb5.0/67,
Error ellipse: s-maj=16.4km s-min=6.7km az=148.0
AUST 25 10:05:53.0, 0.6, 15:91S:172:05W, h61km, 10km, Error
ellipse: s-maj=13.5km s-min=5.2km az=64.0
MOS 25 10:05:56.3, 1.5, 15:70S:173:28W, h33km, mb5.4/23,
Error ellipse: s-maj=13.0km s-min=9.6km az=146.0
GCMT 25 10:05:58.2, 0.1, 15:91S:172:42W, h18km, MW5.2,
Moment Tensor Solution, s72,c105, s99,c161; Moment
tensor: Scale 1016Nm; Mrr:0.3; Mtt:19; Mss:0.6; Mtt:14;
Mtt:7.0; Mtt:15; Mtt:39.3; Mtt:9.0; Mtt:11; Mtt:5.7; Mtt:35;
Best double couple: Mrr:40000; Mtt:1016; NP1:5.00000;
0.64, 0.00000; 1.83, 0.00000; NP2:5.183, 0.00000; 3.26, 0.00000;
1.93, 0.00000; Principal axes: T 9.03000, Plg 71.00000;
Azmt272.00000; N 6.7600, Plg1.00000; Azms5.00000; P
-7.9700, Plg19.00000; Azm96.00000; Data Used: II U CU
IC G CN

ISC 25 10:05:53.7, 0.5, 16:19S:0:187:286W:0.06, h17km, 2km,
n408, o193/368, mb5.0/106, MS4.7/38, 27C-17D, Samoa
Islands region

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



25d 10h

Table of astronomical observations for 25d 10h, listing station names (e.g., W31A, EDM, A19A), coordinates, and other parameters.

2009 NOV

Main table of astronomical observations for 2009 NOV, listing station names (e.g., ROSC, KURK, EDM), coordinates, and other parameters.

954

Table of astronomical observations for 954, listing station names (e.g., RAF, RAF, VJF), coordinates, and other parameters.

ISJCUB 25 10:09:28.2±0.4, 59°83N±0.02±22E±0.06, h0km, Error ellipse: s-maj=4.3km s-min=3.5km az=4.7

USHA Ushuaia 26.92 181 LR comp=N, 0.14nm, 18.2s, baz=63, slow=60

UPP 25 10:09:29.4, 59°97N±24'27E, h0km, ML2.0, Suspected Mining explosion.

IDC 25 10:25:05±4.7, 0, 16°35S±17°41W, h0km, mb4.3/3, mb1.4±5.3, mb1mx3.8/17, mbmtpp4.3/3, Error ellipse: s-maj=869.4km s-min=153.3km az=77.0, Fiji Islands region

Table of astronomical observations for the 'Baltic States - Belarus - Northwestern Russia' region, listing station names (e.g., Code, Station Name, Az, Az2, Phase ID) and parameters.

Table of astronomical observations for the 'Komandorsky Islands region' and 'Bering' region, listing station names (e.g., Code, Station Name, Az, Az2, Phase ID) and parameters.



Table with multiple columns containing station names, call signs, frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or station name. The columns include station identifiers, frequencies, and various technical parameters. The data is presented in a structured, tabular format.



Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station details like frequency and power.

ISCJB 25 11:32:12.5,0.7,6.15S,0:10:124:38E,0.09,h10km, mb3.8/2, Error ellipse: s-maj=17.0km s-min=7.2km az=40.0

IDC 25 11:32:13.7,1.6,6.12S,124:30E,h0km,mb3.9/2, mb1 4.2/5, mb1mx3.8/22, mbtmp4.1/5, ML4.2/2, MS3.1/1, Ms1 3.1/1, ms1mx2.6/34, Error ellipse: s-maj=53.4km s-min=21.4km az=49.0

AUST 25 11:32:15.0,0.3,6.05S,124:42E,h13km,27km, Error ellipse: s-maj=14.6km s-min=6.0km az=47.0

ISC 25 11:32:15.0,0.9,6.09S,0:10:124:36E,0.09,h10km,n11, r186/12, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

IDC 25 11:34:14.8,1.0,16.96N,146:02E,h0km,mb3.6/8, mb1 3.8/8, mb1mx3.7/26, mbtmp3.6/8, Error ellipse: s-maj=31.4km s-min=22.8km az=114.0, Mariana Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

NNC 25 11:34:21.0,3.5,56.70N,61:69E,h23km,26km,mb3.6, mpj3.2,7C-2D, Error ellipse: s-maj=32.0km s-min=10.6km az=157.0, Ural Mountains region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

MAN 25 11:42:10.14,17N,123:47E,h27km,mb3.9,ML2.7,MS2.3, 1C-1D,Luzon

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

IDC 25 11:46:56.8,25.0,21.65S,172:40W,h0km,mb4.2/4, mb1 4.4/4, mb1mx3.9/20, mbtmp4.2/4, Error ellipse: s-maj=463.0km s-min=148.6km az=76.0, Tonga Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

NOU 25 12:03:47.9,2.0,18:23S,168:36E,h0km,999km,MD3.7, MOS 25 12:03:54.9,1.1,18:34S,168:31E,h80km,mb5.1/10, Error ellipse: s-maj=13.0km s-min=10.3km az=3.5

IDC 25 12:03:54.2,2.8,18:44S,168:44E,h22km,24km,mb4.2/17, mb1 4.4/20, mb1mx4.5/23, mbtmp4.3/20, ML2.1/1, MS3.8/9, Ms1 3.8/9, ms1mx3.4/21, Error ellipse: s-maj=17.0km s-min=14.1km az=95.0

ISCJB 25 12:03:55.4,0.3,18:52S,0:04:168:33E,0.05,h82km, mb4.6/50, Error ellipse: s-maj=7.6km s-min=4.8km az=28.8

NEIC 25 12:03:55.6,0.9,18:49S,168:33E,h71km,6km,mb4.9/23, Error ellipse: s-maj=8.7km s-min=6.4km az=153.0

NEIC Felt at Port-Vila, BUI 25 12:03:56.0,18:40S,168:20E,h81km,mb4.9/17,mb4.7/27, Ms5.1/6, Ms7.4/7.6

AUST 25 12:03:56.0,2.3,18:46S,168:44E,h112km,37km, Error ellipse: s-maj=22.6km s-min=15.6km az=77.0

ISC 25 12:03:56.6,0.5,18:60S,0:05:168:37E,0.06,h82km,4km, n169,r155/189,mb4.7/50,20C-2D,Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

MSFV Nonsavu 9.24 86 ePn Pn 12 06 08.1 +0.8

ARM A Armidale 19.22 229 fP Pn 12 08 17.5 +1.4

AFI Afiamalu 19.62 79 P Pn 12 08 18.4 -0.3

AFI Afiamalu 19.62 79 P Pn 12 08 18.4 -0.3

CTA Charters Tower 20.92 262 P Pn 12 08 34.5 -1.6

URZ Urewera 21.02 161 P Pn 12 08 38.3 +4.7

URZ Urewera 21.02 161 P Pn 12 08 38.3 +4.7

PMG Port Moresby 22.50 291 LR LR 12 09 00.0 +1.0

MTSU Mount Surprise 22.83 267 P Pn 12 08 55.3 +2.2

QLP Qulpipe 23.63 246 P Pn 12 09 01.8 +1.3

QLP Qulpipe 23.63 246 P Pn 12 09 01.8 +1.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and station details.

RPZ Rata Peaks 25.14 175 P P 12 09 15.0 +0.9

STKA Stephens Creek 27.50 236 P P 12 09 37.1 +1.7

STKA Stephens Creek 27.50 236 P P 12 09 37.5 +2.0

WRAB Warramunga Arr 32.12 262 eP Pmax 12 10 15.7 -0.7

WRAB Warramunga Arr 32.12 262 eP Pmax 12 10 15.7 -0.7

WRAB Warramunga Arr 32.12 262 P P 12 10 15.7 -0.8

WRAB Warramunga Arr 32.12 262 P P 12 10 15.7 -0.8

BBOO Buckleboe 32.22 238 P P 12 10 18.4 +1.2

AS31 Alice Springs 32.49 255 eP P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

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ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1

ASAR Alice Springs 32.49 255 P P 12 10 19.9 +0.1





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KONT, KONYA-TATOY, LADIK, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSU, BOSHOF, VILLA FLORIDA, etc.

IDC 25 13:00:38.9, 12.0, 35.88S, 96.14W, h0km, mb3.7/4, mb1.4/1.4, mb1mx3.4, 3.16, mbtmps, 7.4, MS4.0/9, Ms1 3.9/9, ms1m3.8/13, Error ellipse: s-maj=325.7km s-min=48.1km az=8.0, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H03N2, H03N3, H03N1, etc.

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

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

ISCJB 25 13:01:23.3, 0.4, 32.52N, 0.03, 115.43W, 0.03, h23km, 4km, Error ellipse: s-maj=4.5km s-min=3.6km az=161

NEIC 25 13:01:24.9, 32.50N, 115.47W, h5km, ML3.1 (PAS), ML3.6 (ECX), After ECX.

NNC 25 14:14:42.9, 1.3, 36.30N, 76.95E, h0km, mb3.8/4, mb1.3/8.10, mb1mx3.6/3.1, mbtmps, 8.10, ML4.0/6, Error ellipse: s-maj=36.9km s-min=26.6km az=144.0

NEIC 25 13:01:22.8, 1.1, 32.53N, 0.02, 115.46W, 0.02, h14km, 9km, n33, r1505/49, 8C-3D, California-Baja California border region

ISCJB 25 14:12:09.7, 0.8, 11.38S, 0.1, 10.139W, 0.1, h7km, mb3.9/7, MS3.4/22, Error ellipse: s-maj=17.7km s-min=13.9km az=11.2

ISCJB 25 14:12:08.1, 7.1, 11.30S, 13.81W, h0km, mb4.0/7, mb1.4/1.8, mb1mx3.9/2.4, mbtmpa, 0.8, ML3.9/1, MS3.9/22, Ms1 3.9/22, ms1mx3.8/2.5, Error ellipse: s-maj=57.7km s-min=23.0km az=95.0

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

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

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

ISC 25 14:12:11.7, 1.0, 11.33S, 0.1, 10.139W, 0.2, h7km, n42, r087/20, mb4.0/7, MS3.2/22, Ascension Island region

ISC 25 14:12:11.7, 1.0, 11.33S, 0.1, 10.139W, 0.2, h7km, n42, r087/20, mb4.0/7, MS3.2/22, Ascension Island region

ISC 25 14:12:11.7, 1.0, 11.33S, 0.1, 10.139W, 0.2, h7km, n42, r087/20, mb4.0/7, MS3.2/22, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10S2, H10S1, ASCN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10S2, H10S1, ASCN, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNJE, RBOLD, BOQS, BOQS, PACAYA, etc.

ISCJB 25 14:19:33.0±0.3, 6.07S, 0.04x128.57E±0.05, h264km, mb3.6/12, Error ellipse: s-maj=6.6km s-min=4.6km az=160.6

DJA 25 14:19:37.5±0.5, 6.5S, 4.12x9.9E±0.05, h328km, mb4.6/5, mb4.7/4, mb5.2/3, MLV4.6/5, Mw(mb)4.5/3

IDC 25 14:19:38.7±2.6, 1.5S, 128.63E, h317km, mb3.4/12, mb1.3/14, mb1mx3.5/21, mbtm3.4/14, Error ellipse: s-maj=26.5km s-min=8.3km az=70.0

AUST 25 14:19:38.5±1.7, 6.26S, 128.74E, h303km, mb3.1/6, Error ellipse: s-maj=22.5km s-min=12.2km az=145.0

ISC 25 14:19:34.4±0.5, 6.05S, 0.05x128.60E±0.08, h264km, n49, ±19/50, mb3.8/12, 4C-6D, Banda Sea

Main table for the left page containing station data for various regions like Banda Sea, Komandorsky Islands, etc.

Table for SKHL 25 14:43:10.4±0.4, 52.80N, 142.20E, h10km, mb3.8/5, 1D, Sakhalin Island

Table for TYV, UGL, GRNR, EKMR, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

GUC 25 14:59:56.3±0.6, 32.33S, 71.76W, h32km, mb4.0, ML3.8, 2C-1D, Near coast of central Chile

Table for PACH, IHA, ROCH, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

MAN 25 15:10:01, 13.87N, 120.40E, h90km, mb4.3, ML3.1, MS2.9

ISCJB 25 15:10:02.1±0.5, 13.84N, 0.05x120.47E±0.09, h103km, mb3.5/6, Error ellipse: s-maj=14.3km s-min=8.3km az=4.2

IDC 25 15:10:03.1±1.0, 13.85N, 120.83E, h106km, mb3.1/6, mb1.3/2.6, mb1mx3.1/23, mbtm3.1/6, Error ellipse: s-maj=44.9km s-min=19.2km az=63.0

ISC 25 15:10:02.9±0.8, 13.79N, 0.05x120.52E±0.08, h100km, 7km, n17, ±150/21, mb3.5/6, 1C-1D, Mindoro

Table for LUBP, TG, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

KRSC 25 15:12:05.3±8.5, 56.10N, 164.41E, h10km, 10km, ML3.6, Komandorsky Islands region

Table for KBTR, KBG, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

AUST 25 16:05:13.9±5.5, 50N, 127.51E, h0km

IDC 25 16:05:25.7±1.3, 4.06N, 126.56E, h0km, mb3.8/7, mb1.4/0.7, mb1mx3.7/23, mbtm3.8/7, MS3.5/1, Ms1 3.5/1, ms1mx2.6/32, Error ellipse: s-maj=69.7km s-min=13.8km az=65.0

ISCJB 25 16:05:31.0±0.5, 4.11N, 0.04x126.70E±0.06, h45km, mb3.7/7, MS3.5/1, Error ellipse: s-maj=8.8km s-min=5.4km

az=160.1, DJA 25 16:05:33.8±1.8, 4.1N, 13.12x7.7E±1.1, h10km, M4.8/3, mb5.1/1, mb4.9/1, MLV4.6/3, Mw(mb)4.2/1

MAN 25 16:05:43.4±9.2N, 126.37E, h44km, mb5.2, ML4.2, MS4.4

ISC 25 16:05:32.8±0.8, 4.12N, 0.05x126.63E±0.08, h45km, n26, ±194/26, mb3.8/7, 1C-1D, Talaud Islands

Table for SGGI, GSPI, MATI, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 25 16:06:52.3±1.4, 3.43N, 126.91E, h0km, mb3.8/7, mb1.3/9.7, mb1mx3.7/23, mbtm3.8/7, MS3.4/2, Ms1 3.4/2, ms1mx2.7/33, Error ellipse: s-maj=72.2km s-min=17.3km az=66.0

ISCJB 25 16:06:55.7±1.1, 4.3N, 0.2x126.91E±0.4, h36km, mb3.7/7, MS3.4/2, Error ellipse: s-maj=56.5km s-min=14.1km az=156.0

ISC 25 16:06:57.1±2.4, 3N, 0.2x126.91E±0.4, h36km, n9, ±0/81/7, mb3.8/7, Talaud Islands

Table for FITZ, WRA, PSI, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 25 16:15:02.8±2.3, 20.25S, 174.36W, h0km, mb3.7/6, mb1.4/0.7, mb1mx3.8/21, mbtm3.8/7, ML2.6/1, Error ellipse: s-maj=102.6km s-min=22.0km az=143.0

ISCJB 25 16:15:08.0±2.0, 19.8S, 0.4x174.7W±0.4, h42km, mb3.7/6, Error ellipse: s-maj=80.6km s-min=14.8km az=137.4

ISC 25 16:15:09.5±1.9, 20.05S, 0.4x174.7W±0.4, h42km, n8, ±0/59/8, mb3.8/6, Tonga Islands

Table for AFI, STKA, ASAR, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

MDD 25 16:38:22.7±2.9, 37.16N, 13.59W, h65km, h65km, mb3.6/10, Error ellipse: s-maj=31.7km s-min=21.5km az=84.0, PRXIMO

INMG 25 16:38:23.4±1.2, 36.99N, 13.73W, h10km, ML2.3, Error ellipse: s-maj=11.9km s-min=9.5km az=173.0

CSEM 25 16:38:26.3±0.4, 37.39N, 13.19W, h30km, mb3.6/10, Error ellipse: s-maj=7.9km s-min=6.2km az=54.0

ISC 25 16:38:22.1±3.5, 37.35N, 0.10x133W±0.2, h10km, n51, ±1936/80, Azores-Cape St. Vincent Ridge

Table for PMAFR, PFVI, PTEO, etc. stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

25d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists various stations like PNCL Nicolau / Gran, PCVE Castro Verde, etc.

IDC 25 16:41:23.7,3.1, 19.05Sx177.90W, h0km, mb3.7/4, mb1 4.1/4, mb1mx3.7/18, mbt3.7/4, Error ellipse: s-maj=168.5km s-min=28.0km az=151.0, Fiji Islands region

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

NNC 25 17:05:49.9,4.2, 32.88N:78.73E, h0km, mb4.1, Error ellipse: s-maj=57.2km s-min=45.0km az=96.0

IDC 25 17:05:50.2,0.7, 33.03N:79.18E, h0km, mb3.9/4, mb1 4.0/17, mb1mx3.9/32, mbt3.9/17, ML3.9/3, MS3.4/17, Ms1 3.4/17, ms1mx3.2/41, Error ellipse: s-maj=23.2km s-min=14.4km az=58.0

NDI 25 17:05:53.9,2.4, 33.65N:78.23E, h10km, ML3.5

ISC 25 17:05:53.1,0.7, 33.03N:0.03:79.12E, 0.05, h18km, 4km, n58, r194/59, mb3.9/17, MS3.0/15, 7C-2D, Kashmir-Kizang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like SDNR Sundarnagar, SMLR Simla, etc.

2009 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations including AYA Aya Nagar, CHPC Chirah Chowk, KUDL Kundal, etc.

GUC 25 17:22:59.3,0.7, 21.89S:68.98W, h119km, 5km, ML3.7, 4C-4D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like PB09 Plate Boundary, PB04 Plate Boundary, etc.

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

IDC 25 17:49:03.5,8.6, 13.83S:166.37E, h216km, 102km, mb3.1/5, mb1 3.2/6, mb1mx3.1/19, mbt3.1/6, Error ellipse: s-maj=97.1km s-min=45.8km az=140.0, Vanuatu Islands

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

ISK 25 17:57:11.7, 37.61N:27.35E, h5km, MD3.3 CSEM 25 17:57:12.8,0.1, 37.58N:27.32E, h5km, MD3.2, Error ellipse: s-maj=3.3km s-min=2.3km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like GCAM G'zelcam!, SMG Samos, etc.

ISC 25 17:57:12.6,0.6, 37.50N:0.02:27.34E, 0.02, h12km, 6km, n58, r089/92, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations including BVAL Borovoye Array, BVAR Borovoye Array, ZALV Zalesov Beam, etc.

IDC 25 18:00:24.0,50.0, 15.88S:173.12W, h0km, mb4.3/3, mb1 4.5/2, mb1mx3.9/20, mbt3.9/3, Error ellipse: s-maj=95.8km s-min=62.9km az=99.0

AUST 25 18:01:21.8, 16.02S:178.10W, h200km

ISC 25 18:00:50.3,20.0, 16.45S:110.176W, h35km, n10, r0570/10, mb4.1/3, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like MTSU Mount Surprise, QLP Quiptie, etc.



25d 19h

Table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC, and various station details like frequency and power.

2009 NOV

Table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC, and various station details like frequency and power.

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Table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s ISC, and various station details like frequency and power.

Table with columns: MWPI, FAKI, SWI, Manokwari, Pap, Fak Fak, Sorong, 4.60 301 P Pn, 5.73 274 P Pn, 7.15 290 P Pn, 19 49 31.4 +0.1, 19 49 47.1 +0.5, 19 50 05.7 -0.2

IDC 25 19:53:13.2:24.0, 4.09N:122.89E, h485km, 341km, mb2.8/4, mb1 2.9/4, mb1mx2.6/2.3, mbtmp2.8/4, Error ellipse: s-maj=31.43km s-min=51.5km az=60.0, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA Warrungarra Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array

IDC 25:20:30:16.2:16.0, 18.92S:173.45W, h0km, mb4.1/5, mb1 4.3/5, mb1mx3.2/1.7, mbtmp4.1/5, MS3.3/1, Ms1 3.3/1, s-min=149.4km az=80.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, HNR Honiara, CTA Charters Tower, H1S12 WAKE ISLAND Hy, H1S13 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, STKA Stephens Creek, H1N13 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, ASAR Alice Springs, WRA Warrungarra Arr, FITZ Fitzroy Crossi

DJA 25:20:37:32.9:1.0, 8.5S:7.107E, h10km, M3.6/7, MLV3.6/7, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, CISI Cisemp, LEM Lembang, CLJI Cilicap, KPJI Karang Pucung, TGI Tegal, UGM Wanagama

WEL 25:20:51:47.0:2.0, 37.51S:176.04E, h271km, 2km, ML4.3/15, 4C-7D, Error ellipse: s-maj=5.0km s-min=3.6km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, URZ Urewera, URZ Matawai, URZ Moawhango, URZ Carnagh Statio, BHHZ Black Hill Sta, KNZ Kokohu, MCHZ McNeill Hill, MHGZ Mahia Peninsula, KHZ Cape Kidnapper, KAHZ Kahuranaki, WAZ Wanganui, PNHZ Pukenui, DVHZ Dannevirke, ANWZ Anorua Road, PRWZ Porirua Road, MRZ Mangatainaka R, MRZ Moawhango, GRWZ Otaki Gorge, HOWZ Holdsworth Sta, KIWZ Kapiti Island, TMWZ Te Maipa, MTW Mount Morrison, CAW Cannon Point, DUVZ D'Urville Isla, TRWZ Traveller, SNZS South Karori, SNZS South Karori, TCW Tory Channel, MSWZ Moikau Station, BHW Baring Head, BHH Baring Head, BHZ Palliser, PLWZ Nelson, TUWZ Tuamarina, TUWZ Blackbirch Sta, THZ Topouse, DSZ Denniston Nort, LXT Lake Taylor, OXZ Oxford, MOZ McQueen's Vall, WYZ Waitaha Valley, RPZ Rata Peaks, FOF Fox Glacier, LBZ Lake Benmore, ODZ Otauhu Downs

JCZ Jackson Bay, 8.57 218 PN Pn, 20 53 41.5 -6.0

ISCJB 25 21:14:29.5:0.3, 9.99S:0.04:33.78E:0.05, h10km, mb4.5/31, MS4.0/15, Error ellipse: s-maj=7.3km s-min=4.6km az=24.6

MOS 25 21:14:29.5:1.4, 9.88S:33.74E, h10km, mb5.0/10, Error ellipse: s-maj=12.9km s-min=7.5km az=77.8

IDC 25 21:14:30.7:0.7, 9.87S:33.88E, h0km, mb4.3/17, mb1 4.4/20, mb1mx4.3/3.1, mbtmp4.3/2.0, ML4.8/3, MS3.8/19, Ms1 3.9/19, ms1mx3.7/3.5, Error ellipse: s-maj=19.2km s-min=17.5km az=26.0

NEIC 25 21:14:31.2:0.3, 9.96S:33.79E, h10km, mb4.5/11, Error ellipse: s-maj=8.5km s-min=5.7km az=105.0

ISC 25 21:14:30.6:0.0, 10.06S:0.04:33.86E:0.05, h10km, n116, e193/19, mb4.5/31, MS4.1/15, 1D, Malawi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, DODT Dodoma, Tanzania, LSZ Lusaka, MBAR Mbarara, MSNA Messina, OPO Ambohitrampito, OPO Ambohidratompo, OPO Ambohimpanom

ABPO Ambohimpanom, 15.70 126 eP Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

ABPO Ambohimpanom, 15.70 126 ePn Pn, 21 18 13.5 +1.3

MDT Midelt, 56.24 321 P P, 21 24 12.8 +1.3

KIEV Kiev, 60.63 357 eP P, 21 24 42.0 +0.4

ESDC Seneca Array, 60.66 327 P P, 21 24 43.1 +1.1

GERES Geres Array B, 61.28 345 P P, 21 24 46.5 +0.3

KHC Kasperske Hory, 61.58 345 eP P, 21 24 48.5 +0.4

ARU Arti, 65.94 14 dIP P, 21 25 18.7 +1.9

CMAR Chiang Mai Arr, 70.17 66 eP P, 21 25 45.2 +1.2

CHTO Chiang Mai, 70.28 66 eP P, 21 25 45.9 +1.1

KURB Kurchatov, 71.80 28 P P, 21 25 53.7 +0.5

KURK Kurchatov, 71.82 28 eP P, 21 25 54.5 +0.6

NVS Novosibirsk, 76.74 27 eP P, 21 26 21.2 -0.8

ZALV Zalesovo Beam, 76.90 28 P P, 21 26 23.0 +0.1

ZALV Zalesovo Beam, 76.90 28 P P, 21 26 23.0 +0.1

ZALV Zalesovo Beam, 76.90 28 P P, 21 26 23.0 +0.1

ZALV Zalesovo Beam, 76.90 28 P P, 21 26 23.0 +0.1

ZALV Zalesovo Beam, 76.90 28 P P, 21 26 23.0 +0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PSI Prapat, PSI Prapat, PSI Prapat, PSI Prapat, PPI Padang Panjang, BKNI Bangkinang, KCSI Kotacane, KCSI Kotacane, TPTI

IDC 25 21:50:43.0:3.5, 1.01N:98.70E, h66km, 25km, mb3.9/12, mb1 4.0/13, mb1mx3.8/2.7, mbtmp3.9/13, Error ellipse: s-maj=35.8km s-min=15.3km az=56.0

NEIC 25 21:50:42.7:1.2, 0.97N:98.67E, h71km, 10km, mb4.2/11, Error ellipse: s-maj=14.6km s-min=5.5km az=59.0

ISCJB 25 21:50:44.1:4.5, 1.14N:0.04:98.99E:0.04, h91km, 4km, mb4.1/20, Error ellipse: s-maj=7.9km s-min=4.3km az=136.0

DJA 25 21:50:45.0:3.0, 1.1N:4.99E, h62km, 20km, M4.3/5, MLV4.3/5

BKK 25 21:50:46.8:0.5, 1.1N:7.99E, h67km, 10km, M4.2/7, mb4.9/3, mb4.4/7, MB4.9/2, M4.2/6, Mw(MB)4.2/3

ISC 25 21:50:44.9:1.0, 1.15N:0.05:98.67E:0.05, h82km, 9km, n95, o99/192, mb4.2/20, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like TPTI, SNSI, FRIM, RGRH, IPIH, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Ms1, ISCB, MOS, NEIC, SKHL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like Hs1, Hs2, Hs3, Hs4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Includes stations like NNS, WHF, TWB1, NSK, NSK, etc.

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



Table with 4 columns: CAIG, HUIG, HUATULCO, and numerical values.

NEIC 25 23:01:58.7±0.4, 43.77N±105.20W, h0km, ML3.3, Error ellipse: s-maj=6.2km s-min=5.7km az=134.0, Suspected Mining explosion.

NEIC 65 km (40 miles) SSE of Gillette, WY. ISCJB 25 23:01:59.9±0.2, 43.72N±105.34W±0.02, h0km, mb3.4/2, Error ellipse: s-maj=2.0km s-min=1.9km az=173.6

IDC 25 23:02:00.4±1.9, 43.66N±105.40W, h0km, mb3.4/2, mb1 3.6/5, mb1mx3.4/5, mbtmsp3.4/5, ML2.3/3, Error ellipse: s-maj=50.5km s-min=8.7km az=149.0

ISC 25 23:02:00.1±0.5, 43.71N±105.29W±0.02, h0km, n122, ±136/161, 42C-38D, Wyoming

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

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

ISCJB 25 23:33:21.7±1.2, 37.34N±107.71E±0.2, h113km, Error ellipse: s-maj=22.1km s-min=6.7km az=156.9

NCC 25 23:33:30.4±2.7, 37.93N±107.81E±0.2, h133km±36km, mb3.1, mpv3.8, Error ellipse: s-maj=24.0km s-min=14.8km az=7.0

ISC 25 23:33:22.9±1.5, 37.44N±107.71E±0.1, h133km, n116, ±152/110, 4C-2D, Afghanistan-Tajikistan border region

Continuation of station list table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC.

Table with 4 columns: DANN, GKN, GOR, and numerical values.

ISCJB 25 23:45:28.3±1.8, 24.9S±179.9W±0.3, h517km, mb3.7/6, Error ellipse: s-maj=73.2km s-min=24.5km az=162.5

IDC 25 23:45:35.6±8.8, 24.13S±179.62E, h575km±73km, mb3.1/6, mb1 3.7/7, mb1mx3.1/19, mbtmsp3.2/7, Error ellipse: s-maj=91.7km s-min=34.3km az=150.0

ISC 25 23:45:29.4±1.9, 24.8S±179.9W±0.2, h517km, n7, ±083/77, mb3.7/6, South of Fiji Islands

Table with 4 columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC.

IDC 25 23:49:22.3±2.2, 6.04S±130.37E, h0km, mb3.2/1, mb1 3.9/4, mb1mx3.6/18, mbtmsp3.7/4, ML3.9/3, Error ellipse: s-maj=92.6km s-min=27.8km az=77.0, Banda Sea

Table with 4 columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC.

IDC 26 00:07:28.4±0.4, 5.54S±150.30E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.6/18, mbtmsp3.5/5, ML2.4/1, Error ellipse: s-maj=110.8km s-min=24.8km az=109.0, New Britain region

Table with 4 columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC.

IDC 26 00:14:57.0±0.6, 35.12N±81.48E, h0km, mb4.0/17, mb1 4.2/22, mb1mx4.1/33, mbtmsp4.1/22, ML4.0/5, MS4.0/22, Ms1 4.0/22, ms1mx3.9/40, Error ellipse: s-maj=18.4km s-min=13.0km az=51.0

ISCJB 26 00:14:58.0±0.2, 35.27N±81.34E±0.03, h15km, mb4.4/34, MS4.1/22, Error ellipse: s-maj=3.8km s-min=2.6km az=146.4

Bull 26 00:14:58.3±5.17N±81.47E, h7km, mb4.7/11, mb4.5/18, ML4.6/4, MS4.5/16, Ms7.4/14

NCC 26 00:15:00.8±3.5, 35.47N±81.14E, h0km, mb4.5, mpv4.5, Error ellipse: s-maj=43.8km s-min=30.2km az=113.0

GCMT 26 00:15:03.5±0.3, 35.39N±81.38E, h26km±2km, MW4.9, Moment Tensor Solution. s13.c14; s64.c88; Moment tensor: Scale 10^19Nm; Mr=0.13s; 19; Mw=2.22s; 12; Mw=2.35s; 13; Mo=1.62s; 11; Mw=0.11s; 09; Mr=1.18s; 23; Best double couple: M3.00000°1016 NP1.3s314.00000°; s87.00000°; A-139.00000°; NP2.2s222.00000°; s49.00000°; A-4.00000°. Principal axes: T 2.9300, Plg25.0000°, Azm80.0000°, N 0.2200, Plg49.0000°, Azm318.0000°, F -3.1500, Plg30.0000°, Azm186.0000°; Sca Used: IU CN II G I C U. Surface wave period40

NEIC 26 00:15:03.7±0.8, 35.26N±81.54E, h49km±8km, mb4.5/9, Error ellipse: s-maj=9.7km s-min=5.2km az=222.0

ISC 26 00:15:00.0±0.3, 35.27N±81.34E±0.04, h15km, n153, ±185/162, mb4.3/34, MS4.1/22, 11C-13D, Southern Xinjiang

Table with 4 columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, m, s, ISC.

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

26d 0h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2009 NOV

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

968

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.



Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like SONA1, LSA, SURT, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like E07A, D08A, HAWA, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like RLS, DRO, Drossia, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XOR, SKIA, KEK, SRN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOKA, OBKA, MOA, GLL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA, ARPS, HTT, JAY, etc.

26d 4h

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Status, Date, and other details. Includes listings like Granite Mounta, Iron Mountain, Hull Mountain, etc.

2009 NOV

Table with columns: Property Name, Address, Price, Area, Beds, Baths, Status, Date, and other details. Includes listings like Wood Farm, Point of Rocks, Basins Ranch, etc.

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Table with columns: Property Name, Address, Price, Area, Beds, Baths, Status, Date, and other details. Includes listings like Caprock, Fox Creek, Clemons Ranch, etc.

ISCO				epP	pP	04 30 39.2 -0.8	baz=88, SNR=21				H26A	Fairpoint	89.75	43	↑P	P	04 30 27.1 +0.3
ISCO	Idaho Springs	85.73	46	↓P	P	04 30 07.8 -0.2	baz=88, SNR=16	87.48	54	↑P	P	04 30 17.3 +1.0					
Z29A	Hungry Hill Ra	85.75	53	↑P	P	04 30 08.1 +0.1	baz=88, SNR=16	87.54	39	↓P	P	04 30 16.8 +0.5					
J20A	Shoshoni	85.76	42	↓P	P	04 30 07.8 0.0	baz=88, SNR=5.9	87.59	44	↑P	P	04 30 16.7 0.0					
632A	Uvalde	85.77	57	↓P	P	04 30 08.8 +0.8	baz=88, SNR=5.5	87.62	53	↓P	P	04 30 17.2 +0.3					
M22A	Cedar Creek Ra	85.80	44	↑P	P	04 30 08.0 -0.2	baz=88, SNR=6.0	87.65	55	↑P	P	04 30 17.8 +0.7					
H19A	Powell	85.84	41	↑P	P	04 30 08.6 +0.4	baz=88, SNR=19	87.70	56	↓P	P	04 30 17.9 +0.5					
RLMT	Red Lodge	85.89	40	↓P	P	04 30 08.5 0.0	baz=88, SNR=5.3	87.72	42	↑P	P	04 30 17.5 +0.2					
X28A	Dimmitt	85.90	52	↑P	P	04 30 09.0 +0.4	baz=88	87.73	47	↑P	P	04 30 17.4 -0.1					
532A	Rocksprings	85.91	57	↑P	P	04 30 09.8 +1.0	baz=88	87.74	37	↓P	P	04 30 18.2 +1.0					
R25A	Fountain Ranch	85.92	48	↑P	P	04 30 08.9 +0.2	baz=88	87.75	274	P	P	04 30 18.4 +0.3					
K21A	Alcova	85.95	43	↑P	P	04 30 08.6 -0.2	baz=88, SNR=10	87.77	49	↑P	P	04 30 17.9 +0.3					
331A	San Angelo	85.96	56	↓P	P	04 30 09.1 +0.1	baz=88	87.78	41	↓P	P	04 30 17.9 +0.4					
N23A	Red Feather La	86.00	45	↓P	P	04 30 09.3 0.0	baz=88	87.78	53	↑P	P	04 30 18.2 +0.5					
I20A	Worland	86.02	41	↓P	P	04 30 09.5 +0.4	baz=88	87.86	52	↑P	P	04 30 19.0 +0.9					
Y29A	Porterfield Fa	86.03	53	↑P	P	04 30 09.8 +0.5	baz=88	87.87	51	↑P	P	04 30 19.4 +1.3					
130A	Snyder	86.05	54	↓P	P	04 30 09.8 +0.4	baz=88	87.90	44	↓P	P	04 30 18.6 +0.4					
JCT	Junction City	86.13	56	eP	pmax	04 30 09.1 -0.7	baz=88	87.92	40	↓P	P	04 30 18.8 +0.7					
JCT	Junction City	86.13	56	eP	pmax	04 30 09.1 -0.7	baz=88	87.92	38	↓P	P	04 30 18.6 +0.5					
JCT	Junction City	86.13	56	↓P	P	04 30 10.0 +0.2	baz=88	87.96	43	↓P	P	04 30 18.6 +0.2					
J21A	Lysite	86.16	42	↓P	P	04 30 09.8 -0.1	baz=88	88.03	54	↑P	P	04 30 19.7 +0.9					
L22A	Ellis Ranch, M	86.20	44	↑P	P	04 30 10.5 +0.4	baz=88	88.06	53	↓P	P	04 30 19.9 +0.9					
Z30A	Sanderson Ranch	86.21	53	↓P	P	04 30 10.4 +0.3	baz=88	88.07	37	↓P	P	04 30 19.6 +0.6					
U27A	Thompson Grove	86.23	50	↓P	P	04 30 11.2 +0.9	baz=88	88.09	47	↑P	P	04 30 19.1 +0.3					
X29A	Tulia	86.24	52	↓P	P	04 30 10.6 +0.3	baz=88	88.16	44	↓P	P	04 30 20.3 +0.9					
O24A	Longmont	86.25	46	↓P	P	04 30 10.9 +0.6	baz=88	88.17	52	↓P	P	04 30 20.4 +0.9					
IPM	Ipo	86.26	276	P	P	04 30 12.0 +1.2	baz=88	88.22	39	↓P	P	04 30 20.2 +0.7					
IPM	Ipo	86.26	276	eP	P	04 30 11.4 +0.6	baz=88	88.28	49	↓P	P	04 30 20.1 +0.1					
IPM	Ipo	86.26	276	eP	P	04 30 12.0 +1.2	baz=88	88.31	48	↓P	P	04 30 20.4 +0.2					
S26A	Kim	86.27	49	↓P	P	04 30 11.3 +0.8	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
Q25A	Bedland, Calha	86.28	47	↓P	P	04 30 10.3 -0.3	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
432A	Menard	86.29	56	↓P	P	04 30 11.1 +0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
231A	Bronte	86.30	55	↓P	P	04 30 10.7 +0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
H20A	Greybull	86.36	41	↑P	P	04 30 10.4 -0.3	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
BJI	Beijing	86.38	314	P	P	04 30 11.8 +1.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
BJI	Beijing	86.38	314	P	P	04 30 11.8 +1.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
BJI	Beijing	86.38	314	P	P	04 30 11.8 +1.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
V28A	Channing	86.39	51	↑P	P	04 30 11.5 +0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
M23A	Laramie	86.42	45	↓P	P	04 30 11.4 +0.2	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
K22A	Casper	86.43	43	↓P	P	04 30 11.2 0.0	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
AMTX	Amarillo	86.44	52	eP	P	04 30 11.9 +0.6	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
AMTX	Amarillo	86.44	52	↓P	P	04 30 11.8 +0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
F19A	Roth Farm, Mol	86.45	40	↑P	P	04 30 11.3 +0.2	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
I21A	Big Trails, Te	86.48	42	↑P	P	04 30 10.9 -0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
COLD	Coldfoot	86.50	9	eP	P	04 30 11.3 +0.6	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
PHWY	Pilot Hill	86.52	45	eP	P	04 30 11.7 -0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
332A	Millersview	86.53	56	↑P	P	04 30 12.3 +0.6	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
131A	Roby	86.53	54	↑P	P	04 30 12.4 +0.6	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
W29A	Amrillo	86.56	52	↓P	P	04 30 12.8 +0.9	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
T27A	Campo	86.57	50	↓P	P	04 30 12.2 +0.3	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
R26A	Arlington	86.58	48	↑P	P	04 30 12.0 +0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
G20A	Bridger	86.58	40	↑P	P	04 30 12.2 +0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
533A	Kerrville	86.59	57	↓P	P	04 30 12.8 +0.8	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
P25A	Willow Gulch B	86.60	47	↓P	P	04 30 12.4 +0.3	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
Y30A	Stafford Cattl	86.62	53	↓P	P	04 30 12.7 +0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
N24A	Carr	86.69	45	↓P	P	04 30 13.0 +0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
L23A	Garrett	86.72	44	↓P	P	04 30 12.6 -0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
Q26A	Hugo	86.80	48	↓P	P	04 30 13.0 -0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
232A	Coleman	86.80	55	↑P	P	04 30 13.3 +0.2	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
433A	Art	86.80	56	↓P	P	04 30 13.4 +0.3	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
J22A	Midwest	86.82	43	↑P	P	04 30 12.6 -0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
E19A	Rath Farm, Rou	86.84	39	↓P	P	04 30 13.4 +0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
KULM	Kulim	86.86	277	eP	P	04 30 13.7 0.0	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
O25A	Wiggins	86.90	46	↑P	P	04 30 13.7 +0.2	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
Z31A	Sharp Cattle R	86.97	54	↑P	P	04 30 14.4 +0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
M24A	Cheyenne	87.02	45	↑P	P	04 30 14.1 +0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
534A	Blanco	87.02	57	↓P	P	04 30 15.0 +0.9	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
H21A	Big Horn, Sher	87.03	41	↑P	P	04 30 14.0 0.0	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
R27A	Eads	87.04	48	↑P	P	04 30 13.7 -0.4	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
I22A	9 Mile Ranch,	87.04	42	↑P	P	04 30 13.9 -0.2	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
T28A	Walsh	87.04	50	↑P	P	04 30 13.7 -0.5	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
EGMT	Eagleton	87.06	37	↓P	P	04 30 14.0 0.0	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
K23A	Bowen Ranch, D	87.07	43	↓P	P	04 30 14.4 +0.1	baz=88	88.32	298	eP	P	04 30 21.0 +0.5					
ABTX	Abilene, Hawle	87.09	55	eP	P	04 30 15.0 +0.6	baz=88	88.32	298	eP	P	04 30 21.0 +					

26d 4h

Table with columns: Call sign, Frequency, Mode, Power, etc. Includes stations like LZH, B30A, A30A, FFC, etc.

2009 NOV

Table with columns: Call sign, Frequency, Mode, Power, etc. Includes stations like MORC, TRPA, CFR, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes Tonga Islands and other stations.

Additional information and coordinates: ID C 20:46:09.0, 0.6, 19:34S; 173:49W, h0km, mb4,3/12, mb1 4.6/12, mb10mx1.4/20, mbmp4.3/12, MS4.1/5, MS1 4.1/5, ms1mx3.5/33, Error ellipse: s-maj=28.0km s-min=17.6km az=156.0, ITCB B 20:46:12.7, 0.4, 19.4S; 0.1x173.51W:0.0km, h33km, mb4.736, MS4.4/6, Error ellipse: s-maj=17.0km s-min=9.7km az=155.2, BJJ 20:46:12.4, 19:39S; 173:25W, h39km, mb5.3/9, mb5.0/14, MS5.1/5, MS7.4/6, NEIC B 20:46:22.1, 2.2, 19:37S; 173:57W, h102km, 18km, mb4.7/20, Error ellipse: s-maj=18.3km s-min=9.8km az=147.0, ISC 20:46:14.2, 0.5, 19:35S; 0.1x173.45W:0.09, h33km, 2km,



Table with columns for station name, location, frequency, and status. Includes stations like LZH, KASH, BORG, and various 'Array' stations.

Table listing various seismic stations (SIV, TOR, WRA, MKAR) with their coordinates, frequencies, and status. Includes a section for KRSC 26.04:57:50.7E and another for IDC 26.05:12:31.5E.

Table listing seismic stations (KGM, MYKOM, MYKON, etc.) with their coordinates, frequencies, and status. Includes stations like GUA, GUM, GUN, and various 'Array' stations.

<b>LZH Lanzhou</b>	32.00	12	eP	P	05 34 07.3 +1.6
<b>LZH</b>			pP	P	05 34 16.8 -0.1
<b>LZH</b>			sP	P	05 34 21.0 -0.7
<b>LZH</b>			PP	PnPn	05 35 14.3 +2.4
<b>LZH</b>	comp=Z,21nm,1.3s			pmax	
<b>LZH</b>	comp=Z,69nm,7.2s			pmax	
<b>LZH</b>	comp=Z,380nm,13.2s			LR	
<b>LZH</b>	comp=Z,340nm,13.0s			LR	
<b>LZH</b>	comp=Z,410nm,17.3s			LR	
<b>DHRM DHARAMSHALA</b>	33.16	328	eP	P	05 34 14.0 -2.0
<b>DHRM</b>			AMB	P	05 34 14.9
<b>NJ2 Nanjing</b>	34.48	35	eP	P	05 34 28.3 +1.1
<b>NJ2</b>	comp=Z,18nm,1.1s				
<b>NJ2</b>	comp=Z,10.0nm,0.9s			pmax	
<b>GTA Gaotai</b>	34.70	5	eP	P	05 34 31.5 +2.4
<b>GTA</b>			pP	P	05 35 04.5 +1.2
<b>GTA</b>			sP	P	05 35 45.3 +0.1
<b>GTA</b>			SS	P	05 39 58.7 +2.3
<b>GTA</b>			SS	SS	05 40 15.3 +0.2
<b>GTA</b>			SS	SnSn	05 42 12.8 +1.0
<b>GTA</b>				pmax	
<b>GTA</b>	comp=Z,6.0nm,1.0s				
<b>GTA</b>	comp=Z,7.9nm,5.0s			pmax	
<b>GTA</b>	comp=Z,220nm,15.0s			LR	
<b>GTA</b>	comp=Z,200nm,14.5s			LR	
<b>FITZ Fitzroy Crossi</b>	36.80	129	eP	P	05 34 46.1 -1.1
<b>FITZ</b>	comp=Z,6.2nm,0.8s				
<b>FITZ</b>	comp=Z,4.3nm,0.7s,baz=312,slow=5,2,SNR=19				
<b>FITZ</b>	comp=Z,4.3nm,0.7s,baz=312,slow=5,2,SNR=19				
<b>FITZ</b>	comp=Z,3.6nm,1.2s				
<b>HHC Hu-ho-hao-te</b>	38.53	129	eP	P	05 35 04.0 +2.3
<b>HHC</b>			pP	P	05 35 13.5 +0.5
<b>HHC</b>			PP	PnPn	05 36 38.3 +5.7
<b>HHC</b>			S	S	05 40 59.3 +4.5
<b>HHC</b>			SS	SS	05 41 15.3 +1.9
<b>HHC</b>			SS	SnSn	05 43 42.0 -2.3
<b>HHC</b>				pmax	
<b>HHC</b>	comp=Z,24nm,0.7s			pmax	
<b>HHC</b>	comp=Z,200nm,4.7s			LR	
<b>HHC</b>	comp=Z,1.1um,12.9s			LR	
<b>HHC</b>	comp=Z,670nm,11.5s			LR	
<b>HHC</b>	comp=Z,990nm,13.4s			LR	
<b>KSH Kashi</b>	39.20	335	eP	P	05 35 09.0 +1.6
<b>KSH</b>			pP	P	05 35 22.0 -1.6
<b>KSH</b>			sP	PnPn	05 36 43.0 +2.2
<b>KSH</b>			S	S	05 41 06.9 +1.7
<b>KSH</b>			SS	SS	05 41 24.0 +1.1
<b>KSH</b>			SS	SS	05 43 52.8 -6.6
<b>KSH</b>				pmax	
<b>KSH</b>	comp=Z,140nm,6.2s			LR	
<b>KSH</b>	comp=Z,120nm,4.9s			LR	
<b>KSH</b>	comp=Z,190nm,5.0s			LR	
<b>KSH</b>	comp=Z,250nm,5.9s			LR	
<b>BJI Beijing</b>	39.51	24	P	P	05 35 08.8 -0.9
<b>BJI</b>			S	P	05 41 10.5 +1.2
<b>BJI</b>			SS	SnSn	05 44 09.5 +1.7
<b>BJI</b>	comp=Z,10.0nm,0.6s			pmax	
<b>BJI</b>	comp=Z,49nm,6.5s			pmax	
<b>BJI</b>	comp=Z,440nm,14.3s			LR	
<b>BJI</b>	comp=Z,320nm,18.7s			LR	
<b>BJI</b>	comp=Z,210nm,19.8s			LR	
<b>WMQ Urumqi</b>	39.68	350	P	P	05 35 11.0 -0.2
<b>WMQ</b>			pP	P	05 35 21.0 -1.6
<b>WMQ</b>			sP	P	05 35 25.0 -2.4
<b>WMQ</b>			PP	PnPn	05 36 47.0 +0.7
<b>WMQ</b>			ScP	ScP	05 41 03.0 -0.3
<b>WMQ</b>			S	S	05 41 12.0 0.0
<b>WMQ</b>				pmax	
<b>WMQ</b>	comp=Z,16nm,0.8s			pmax	
<b>WMQ</b>	comp=Z,140nm,4.0s			LR	
<b>WMQ</b>	comp=Z,150nm,16.0s			LR	
<b>WMQ</b>	comp=Z,250nm,16.0s			LR	
<b>WMQ</b>	comp=Z,140nm,15.0s			LR	
<b>AAK Ala-Archa</b>	42.42	336	iP	P	05 35 34.0 0.0
<b>AAK</b>			pmax	pmax	
<b>AAK</b>	comp=Z,11nm,1.4s				
<b>AAK</b>	comp=Z,11nm,1.4s			eP	05 35 34.5 +0.5
<b>AAK</b>			eP	P	05 35 53.7 +8.3
<b>AAK</b>			P	P	05 35 34.7 -0.7
<b>AAK</b>	comp=Z,0.8nm,0.3s,baz=102,slow=19,SNR=3.0				
<b>AAK</b>	comp=Z,403nm,21.6s,baz=143,slow=38			LR	05 45 25.6
<b>BAZ Wonju Array Be</b>	43.56	37	P	P	05 35 42.0 -1.0
<b>BAZ</b>	comp=Z,0.4nm,0.3s,baz=225,slow=8,6,SNR=3.3				
<b>KSR5 Korea Array</b>	43.59	37	P	P	05 35 42.0 -1.2
<b>KSR5</b>	comp=Z,107nm,18.1s,baz=230,slow=38			LR	05 56 09.0
<b>MK01 Makanchi Array</b>	43.60	346	eP	P	05 35 41.1 -2.2
<b>MK01</b>			P	P	05 35 41.8 -1.7
<b>MK01</b>			P	P	05 35 41.8 -1.7
<b>MK01</b>			ScP	ScP	05 41 21.3 +2.4
<b>MK01</b>			P	P	05 35 41.8 -1.7
<b>MK01</b>	comp=Z,1.4nm,0.4s,baz=165,slow=7.7,SNR=10			ScP	05 41 21.3 +2.4
<b>MK01</b>	comp=Z,0.3nm,0.7s,baz=167,slow=5.9,SNR=4.0			ScP	05 41 21.3 +2.4
<b>MK01</b>	comp=Z,108nm,21.3s,baz=274,slow=40			LR	05 56 53.5
<b>S0NM Songoing Array</b>	43.84	10	P	P	05 35 45.0 -0.3
<b>S0NM</b>	comp=Z,2.8nm,0.7s,baz=193,slow=8.2,SNR=11				
<b>S0NM</b>	comp=Z,163nm,20.1s,baz=191,slow=38			LR	05 54 58.5
<b>S0N1 Songoing Array</b>	43.86	10	P	P	05 35 44.6 -0.8
<b>S0N1</b>	comp=Z,13nm,1.1s				
<b>ULN Ulanbaatar</b>	43.99	10	eP	P	05 35 42.7 +0.7
<b>WRA Warramunga Arr</b>	44.75	124	eP	P	05 35 52.0 -0.8
<b>WRA</b>			ScP	ScP	05 41 26.4 +2.3
<b>WRA</b>	comp=Z,1.6nm,0.4s,baz=307,slow=9.1,SNR=22			ScP	05 41 26.4 +2.3
<b>WRA</b>	comp=Z,0.8nm,1.0s,baz=316,slow=4.0,SNR=4.8			LR	05 56 18.6
<b>WRAP Tennant Creek</b>	44.75	124	eP	P	05 35 51.8 -1.1
<b>WRAP</b>	comp=Z,13nm,1.1s				
<b>ASAR Alice Springs</b>	46.30	129	P	P	05 36 05.0 -0.2
<b>ASAR</b>	comp=Z,7.8nm,0.9s,baz=309,slow=7.7,SNR=54				
<b>ASAR</b>	comp=Z,285nm,20.1s,baz=293,slow=36			LR	05 55 26.4
<b>AS01 Alice Springs</b>	46.34	129	P	P	05 36 04.9 -0.5
<b>AS01</b>	comp=Z,2.0nm,1.0s,baz=316,slow=4.0,SNR=4.8			LR	05 56 07.0 -0.7
<b>CN2 Changchun</b>	46.67	29	eP	P	05 36 07.0 -0.7
<b>CN2</b>	comp=Z,10.0nm,0.7s			pmax	
<b>TLY Talaya</b>	47.22	6	eP	P	05 36 02.7 -9.2
<b>TLY</b>			eP	P	05 37 45.5
<b>TLY</b>	comp=Z,6.0nm,0.6s			pmax	
<b>TLY</b>	comp=Z,2.1nm,1.8s			MLR	
<b>KURBB Kurchatov Arr</b>	48.12	345	P	P	05 36 16.9 -1.9
<b>KURBB</b>	comp=Z,1.0nm,0.7s,baz=168,slow=6.8,SNR=9.6				
<b>KURBB</b>	comp=Z,0.8nm,0.8s,baz=159,slow=3.2,SNR=7.8			ScP	05 41 39.6 +2.2

<b>KURK Kurchatov</b>	48.18	345	eP	P	05 36 17.7 -1.6
<b>KURK</b>	comp=Z,3.0nm,0.9s			pmax	
<b>KURK</b>	comp=Z,2.9nm,0.9s			pmax	
<b>KURK</b>	comp=Z,2.9nm,0.9s			eP	05 41 39.6 +2.0
<b>MJAR Matushiro Arr</b>	49.83	45	P	P	05 36 32.9 +0.7
<b>MJAR</b>	comp=Z,0.7nm,0.4s,baz=232,slow=12,SNR=3.1				
<b>MJAR</b>	comp=Z,189nm,18.9s,baz=240,slow=38			LR	05 58 48.3
<b>ZAAO Zalesovo Array</b>	49.97	351	eP	P	05 36 30.9 -2.0
<b>ZALV Zalesovo Beam</b>	49.97	351	eP	P	05 36 31.5 -1.4
<b>ZALV Zalesovo Beam</b>	49.97	351	eP	P	05 36 31.5 -1.4
<b>ZALV Zalesovo Beam</b>	49.97	351	eP	P	05 36 31.5 -1.4
<b>ZALV Zalesovo Beam</b>	49.97	351	eP	P	05 36 31.5 -1.4
<b>ZALV</b>	comp=Z,2.4nm,0.7s,baz=160,slow=4.7,SNR=4.4			LR	05 59 35.2
<b>ZALV</b>	comp=Z,120nm,21.6s,baz=163,slow=38			LR	05 59 39.0
<b>USRK USSuriysk Arr</b>	50.32	33	LR	LR	05 59 39.0
<b>USRK</b>	comp=Z,174nm,18.2s,baz=252,slow=33				
<b>NVS Novosibirsk</b>	51.08	350	eP	P	05 36 40.8 -0.4
<b>MANU Manus Island</b>	51.52	96	P	P	05 36 48.6 +3.3
<b>MANU</b>	comp=Z,5.2SNR=5.2				
<b>RAYN Ar Rayn</b>	52.31	296	eP	P	05 36 51.1 0.0
<b>RAYN</b>	comp=Z,104nm,2.3s				
<b>BVAR Borovoye Array</b>	52.64	341	P	P	05 36 51.0 -2.0
<b>BVAR</b>	comp=Z,1.3nm,0.6s,baz=139,slow=9.8,SNR=6.2				
<b>BVAR</b>	comp=Z,1.3nm,0.6s,baz=139,slow=9.8,SNR=6.2				
<b>BVAR</b>	comp=Z,141nm,19.6s,baz=349,slow=39			LR	06 01 51.8
<b>BBOO Bucklebo</b>	53.08	138	P	P	05 36 56.4 -0.2
<b>BBOO</b>	comp=Z,174nm,18.2s,baz=252,slow=33				
<b>AKBAR Akbulak Arr</b>	53.99	331	eP	P	05 37 01.4 -1.5
<b>HTT Hallett</b>	55.39	136	P	P	05 37 13.8 +0.4
<b>HTT</b>	comp=Z,54,SNR=4.1				
<b>AKTO Aktubinsk</b>	55.71	331	P	P	05 37 13.3 -2.1
<b>AKTO</b>	comp=Z,174nm,18.2s,baz=252,slow=33				
<b>AKTO</b>	comp=Z,174nm,18.2s,baz=252,slow=33				
<b>QLP Qulpi</b>	55.88	127	P	P	05 37 17.8 +0.8
<b>QLP</b>	comp=Z,1.5nm,0.8s,baz=124,slow=9.8,SNR=6.3				
<b>STKA Stephens Creek</b>	56.43	133	eP	P	05 37 20.9 +0.1
<b>STKA</b>	comp=Z,6.1nm,0.7s,baz=314,slow=7.3,SNR=12				
<b>STKA</b>	comp=Z,6.1nm,0.7s,baz=314,slow=7.3,SNR=12				
<b>STKA</b>	comp=Z,252nm,20.9s,baz=300,slow=36			LR	06 01 06.5
<b>STKA</b>	comp=Z,252nm,20.9s,baz=300,slow=36			LR	06 01 06.5
<b>STKA</b>	comp=Z,252nm,20.9s,baz=300,slow=36			LR	06 01 06.5
<b>STKA</b>	comp=Z,252nm,20.9s,baz=300,slow=36			LR	06 01 06.5
<b>GNI Gani</b>	58.13	315	LR	LR	06 07 12.1
<b>GNI</b>	comp=Z,74nm,19.6s,baz=101,slow=11				
<b>KMBO Kilima Mbogo</b>	59.22	266	eP	P	05 37 42.4 +1.4
<b>KMBO</b>	comp=Z,3.9nm,0.9s				
<b>KMBO</b>	comp=Z,3.9nm,0.9s				
<b>KMBO</b>	comp=Z,3.9nm,0.9s				
<b>KMBO</b>	comp=Z,3.9nm,0.9s				
<b>KMBO</b>	comp=Z,3.9nm,0.9s				
<b>CMSA Cobar Meteorol</b>	59.28	131	P	P	05 37 42.5 +1.5
<b>CMSA</b>	comp=Z,58,SNR=14				
<b>KBZ Khabaz</b>	60.82	318	P	P	05 37 50.8 -0.4
<b>KBZ</b>	comp=Z,2.0nm,1.0s,baz=257,slow=2.2,SNR=4.2				
<b>KBZ</b>	comp=Z,2.0nm,1.0s,baz=257,slow=2.2,SNR=4.2				
<b>KBZ</b>	comp=Z,2.0nm,1.0s,baz=257,slow=2.2,SNR=4.2				
<b>KBZ</b>	comp=Z,2.0nm,1.0s,baz=257,slow=2.2,SNR=4.2				
<b>KIV Kislodovsk</b>	61.05	318	eP	P	05 37 48.2 -4.7
<b>KIV</b>	comp=Z,11nm,1.1s			pmax	
<b>KIV</b>	comp=Z,11nm,1.1				





Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like BVAA, BVAR, BRVK, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like WRAB, WC2, WR3, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and Time. Includes stations like PLOR, TESR, SANT, etc.

Table with columns for station name, frequency, and various signal quality metrics (epP, pP, etc.). Includes stations like Lusaka, Moravsky Berou, Dobruska-Polom, etc.

Table with columns for station name, frequency, and various signal quality metrics (ep, pmax, etc.). Includes stations like Sospel, Membach, HAU, etc.

Table with columns for station name, frequency, and various signal quality metrics (ep, pmax, etc.). Includes stations like Calviac, MTLF, RJJF, etc.



Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like 626A Big Bend Ranch, 431A Sonora, 529A Stev Forest Ra, etc.

GUC 26 06:14:54.5-0.9,29.97Sx70.53W,h93km,1.3km,ML3.5,1D, Cental Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like TLL Tololo Astrono, LCO Las Campanas, CMCH Combarbala, etc.

IDC 26 06:42:24.2-2.2,3.56S,100.55E,h0km,mb3.7/8, mb1 3.8/8, mb1mx3.7/24, mbtbp3.7/8, MS2.8/1, Ms1 2.8/1, ms1mx2.6/24, Error ellipse: s-maj=82.4km s-min=19.2km az=56.0

DJA 26 06:42:41.6-1.2,3.5S,13x10.2E,1.1,h39km,9km,M3.2/6, MLV3.2/6

ISC 26 06:42:31.0-1.5,3.45S,0.2-101.1E,0.2, h32km,n19, r=169/13,mb3.8/8,Sources:Umatara

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like MASI Maura Aman, MNAI Manna, LHSI Lahat, etc.

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

ISCJB 26 07:10:44.8-0.3,32.70N,0.02-115.62W,0.02,h2km,3km, Error ellipse: s-maj=2.6km s-min=2.3km az=22.3

NEIC FELT (III) at Calexico and Imperial and (II) at El Centro. FELT (III) at Mexicali, Baja California.

ECX 26 07:10:47.1-0.7,32.68N,115.67W,h5km,ML3.7(CEX), ML3.9

ISC 26 07:10:46.3-0.9,32.67N,0.02-115.66W,0.02,h8km,7km,n48,r=123/79,7C-8D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SGL Mount Signal, COK Coka Ranch, YUH Yuha Desert, etc.

ISCJB 26 07:28:49.0-0.3,24.97N,104.96W,0.05,h21km, mb4.2/31,MS3.6/10, Error ellipse: s-maj=7.2km

MOS 26 07:28:50.7-1.4,24.88N,96.28E,h33km,mb4.6/13, Error ellipse: s-maj=14.9km s-min=6.4km az=120.7

NEIC 26 07:28:52.8-1.0,24.96N,96.42E,h37km,11km,mb4.3/7, Error ellipse: s-maj=15.3km s-min=6.9km az=55.0

IDC 26 07:28:52.2-3.9,24.98N,96.43E,h39km,32km,mb3.9/18, mb1 4.0/19, mb1mx3.9/30, mbtbp3.9/19, ML4.4/1, MS3.5/9, ms1 3.9/9, ms1mx3.9/49, Error ellipse: s-maj=21.9km s-min=12.9km az=52.0

BKK 26 07:28:55.5-0.5,24.96N,96.1E,h10km,ML4.6/10, mb4.9/6, mb4.5/10, MLV4.8/7, Mw(Mb)4.2/6

ISC 26 07:28:51.0-0.5,25.05N,100.96E,0.05,h21km,n109, r=133/111,mb4.3/31,MS3.5/10,C2,C3, Myanmar

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ZAX El Zacaton, ECNX Esteban Cantu, PBX Punta Banda, etc.

IDC 26 07:25:25.3-1.2,2.49S,139.14E,h0km,mb4.0/6, mb1 4.3/7, mb1mx4.0/17, mbtbp4.1/7, ML4.4/1, MS3.3/2, Ms1 3.2/2, ms1mx2.8/25, Error ellipse: s-maj=51.7km s-min=19.7km az=93.0

ISCJB 26 07:25:29.4-0.7,2.61S,100.06E,1.39,11E,0.07,h37km, mb4.0/5,MS3.1/2, Error ellipse: s-maj=11.4km s-min=6.5km az=141.7

NEIC 26 07:25:30.8-0.8,2.58S,139.01E,h35km,mb4.2/2, Error ellipse: s-maj=23.4km s-min=10.6km az=90.0

AUST 26 07:25:35.1, 2.94S, 139.02E, h35km

DJA 26 07:25:38.2-1.4,3.3S,13.9E,1.1,h10km,ML4.4/4,mb4.2/1, MLV4.5/4

ISC 26 07:25:31.6-0.9,2.66S,0.07-139.06E,0.09,h37km,n30, r=174/34,mb4.0/5, Near north coast of Irian Jaya

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SRPI Serui, Papua, BAKI Biak, BAKI Fak Fak, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, HTT Hallett, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ARPS Mount Arapiles, LHI Lord Howe Is, etc.

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

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

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

ISCJB 26 07:28:49.0-0.3,24.97N,104.96W,0.05,h21km, mb4.2/31,MS3.6/10, Error ellipse: s-maj=7.2km

MOS 26 07:28:50.7-1.4,24.88N,96.28E,h33km,mb4.6/13, Error ellipse: s-maj=14.9km s-min=6.4km az=120.7

NEIC 26 07:28:52.8-1.0,24.96N,96.42E,h37km,11km,mb4.3/7, Error ellipse: s-maj=15.3km s-min=6.9km az=55.0

IDC 26 07:28:52.2-3.9,24.98N,96.43E,h39km,32km,mb3.9/18, mb1 4.0/19, mb1mx3.9/30, mbtbp3.9/19, ML4.4/1, MS3.5/9, ms1 3.9/9, ms1mx3.9/49, Error ellipse: s-maj=21.9km s-min=12.9km az=52.0

BKK 26 07:28:55.5-0.5,24.96N,96.1E,h10km,ML4.6/10, mb4.9/6, mb4.5/10, MLV4.8/7, Mw(Mb)4.2/6

ISC 26 07:28:51.0-0.5,25.05N,100.96E,0.05,h21km,n109, r=133/111,mb4.3/31,MS3.5/10,C2,C3, Myanmar

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

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

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

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

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

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

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

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

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

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

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

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

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



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC, h, m, s, ISC. Includes stations like KOLDANDA, PIUTHAN, SONM, ULN, MK31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, Time, Res, ISC, h, m, s, ISC. Includes stations like DVTC, MONP, EMX, GLA, RDX, BAR, YMD, etc.

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

26d 10h

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Lists stations like WRA Warrungarra Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

CRAAG 26 08:53:59.3, 36:51N; 7:13E, M3.5
CSEM 26 08:53:59.3, 36:51N; 7:13E, h0km, ML3.5, After ALG,

Table listing stations in Northern Algeria with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like CMAH Djebel Manchou, CKFL Kef-Lekhel, CAEH Ain El Ouahch, etc.

IDC 26 09:58:14.5:1.9, 4:25N, 127.08E, h0km, mb3.3/5,
mb1 3.5/5, mb1mx3.3/24, mbtbp3.3/5, Error ellipse:
s-maj=129.7km s-min=21.3km az=70.0, Talaud Islands

Table listing stations in Talaud Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungarra Arr, ASAR Alice Springs, etc.

IDC 26 09:17:15.3:5.1, 18:81S, 177:54W, h61km, mb3.1/5,
mb1 3.3/6, mb1mx3.0/21, mbtbp3.2/6, Error ellipse:
s-maj=41.5km s-min=27.1km az=19.0, Fiji Islands region

Table listing stations in Fiji Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like URZ Urewera, CTA Charters Tower, WRA Warrungarra Arr, etc.

IDC 26 09:39:36.0:4.1, 16:50S, 172:13W, h0km, mb3.4/3,
mb1 3.7/4, mb1mx3.5/21, mbtbp3.4/4, ML1.5/1, Error ellipse:
s-maj=133.6km s-min=29.5km az=127.0, Samoa Islands region

Table listing stations in Samoa Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like AFI Afiamalu, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISCJB 26 09:41:04.6:0.6, 54:67N, 107:167, 92E, 0'06, h10km,
mb3.5/7, Error ellipse: s-maj=10.2km s-min=5.3km az=0.3

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like BKI Bering, KBTM Krutoberegovo, FX1 Attu Island-F, etc.

ISC 26 09:41:05.4:0.8, 54:76N, 109:168, 02E, 0'05, h10km, n28,
r180/30, mb3.6/7, Komandorsky Islands region

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like BKI Bering, KBTM Krutoberegovo, FX1 Attu Island-F, etc.

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Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like YKA Yellowknife Arr, KURBB Kurchatov Arr, TXAR Lajitars Array, etc.

MOS 26 09:43:44.9:1.7, 54:76N, 168:18E, h7km, mb4.1/5, Error ellipse:
s-maj=24.5km s-min=21.6km az=143.1
IDC 26 09:43:45.2:0.8, 54:75N, 167:99E, h0km, mb3.7/8,
mb1 3.9/10, mb1 mx3.6/30, mbtbp3.6/10, ML3.4/2, Error ellipse:
s-maj=21.2km s-min=11.4km az=21.0

TRJSC 26 09:43:46.2:6.4, 54:64N, 167:70E, h8km, 7km, ML4.0
ISCJB 26 09:43:47.3:0.5, 54:69N, 105:167, 85E, 0'06, h23km,
mb3.6/8, Error ellipse: s-maj=7.7km s-min=4.7km az=175.1

ISC 26 09:43:48.3:0.8, 54:69N, 108:167, 99E, 0'06, h23km, n40,
r150/46, mb3.7/8, Komandorsky Islands region

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like BKI Bering, KBTM Krutoberegovo, FX1 Attu Island-F, etc.

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like MKZ Mysz Kozlowa, SMKR Semkarok, SRKOR Sorokina, etc.

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like PETK Petropavlovsk, ILAR Eielson Array, H1N2 WAKE ISLAND Hy, etc.

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like YKA Yellowknife Arr, KURBB Kurchatov Arr, TXAR Lajitars Array, etc.

Table listing stations in Komandorsky Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like AKASG Malin Array Be, WRA Warrungarra Arr, ASAR Alice Springs, etc.

BJI 16 20:23:01.3, 22:14N, 142:73E, h258km, mbB.8/31,
mb4.8/44
ISCJB 26 10:23:07.2:0.5, 22:61N, 103:142, 06E, 0'02,
h252km, 4km, mb4.8/131, Error ellipse: s-maj=5.4km
s-min=3.4km az=0.3

MOS 26 10:23:08.8:0.8, 22:59N, 142:10E, h271km, mb5.1/42,
Error ellipse: s-maj=14.7km s-min=6.1km az=115.0

IDC 26 10:23:09.2:1.0, 22:55N, 142:06E, h266km, 8km, mb4.5/29,
mb1 4.6/31, mb1mx4.6/33, mbtbp5.1/31, Error ellipse:
s-maj=10.5km s-min=6.3km az=79.0

JMA 26 10:23:10.6:0.2, 23:05N, 143:08E, h299km, M5.0
NEIC 26 10:23:10.6:0.2, 23:05N, 142:03E, h274km, 5km, mb4.9/63,
Error ellipse: s-maj=4.9km s-min=3.5km az=158.0

ISC 26 10:23:09.0:0.4, 23:39N, 104:142, 14E, 0'05, h264km, 2km,
mb4.6/31, mb1mx4.6/33, mbtbp5.1/31, Error ellipse:
s-maj=10.5km s-min=6.3km az=79.0, Volcano Islands region

Table listing stations in Volcano Islands region with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like JHHJ Haha-jima-NKT, CJBJ Chichi jima, CJJC Chichijima, etc.

984

Table listing various stations and their details with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC. Includes stations like NACB Ninganchiao, YHNB Yehung, YULB Yuli, etc.

985

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, KMI, CLNS, ULN, SOMM, FX1, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MK31, MKAR, MKAR, MKAR, MKAR, MKAR, etc.

262 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LVZ, TMCR, YKA, YKA, YKA, YKA, YKA, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like NV11, RCTC, MTUM, PKM, HLID, TIN, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like DAW, IRM, BW06, P049, SUW, SWSC, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like KWP, KWP, PV01, C28A, E27A, N22A, etc.



Table with columns: Code, Station Name, Az, El, Op, P, ISC, h, m, s, Res, Time, Res, ISC. Includes stations like WMQ Urumqi, AAA Alma-Ata, ULHL Ulaho, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Op, P, ISC, h, m, s, Res, Time, Res, ISC. Includes stations like SONM Songino Array, AKTO Aktyubinsk, AKTO Aktyubinsk, ARU Arti, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, Op, P, ISC, h, m, s, Res, Time, Res, ISC. Includes stations like az=113.2, SRPI Serui, BAKI Biak, KAIMAPA Kaimapa, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like BJLI Banjamegara, TGJJI Tegay, KPJI Karang, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like BJLI comp=Z,310nm,20.2s, USRKR comp=Z,430nm,23.0s, ASAJK Asahikawa, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like WMO Urumqi, WMO comp=Z,6.0nm,1.0s, WMO comp=Z,180nm,6.0s, etc.

26d 12h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like KBZ, KLMR, ARCES, ANAS, SNAEA, VNAZ, PLCA, etc.

MDD 26 11:45:59.3, 2.7, 36.46N, 11.29W, h31km, 58km, mb4.2/10, Error ellipse: s-maj=43.9km s-min=14.1km az=53.0, PRXIMO

IGIL 26 11:46:00.1, 36.54N, 11.13W, h10km, ML 1.9 INMG 26 11:46:00.3, 1.7, 36.55N, 11.15W, h10km, ML 2.1, Error ellipse: s-maj=5.7km s-min=3.0km az=79.0

CSEM 26 11:46:01.6, 0.3, 36.69N, 11.01W, h20km, ML 2.6/4, Error ellipse: s-maj=5.8km s-min=4.6km az=72.0

ISC 26 11:45:57.0, 3.3, 36.66N, 0.1, 11.2W, 0.1, h10km, n74, alpha174/124, 2C, Azores-Cape St. Vincent Ridge

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations like Vila Bisbo, Vila Bisbo, Vila Bisbo, etc.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like PTOM, EMIN, EMIN, EMIN, EMIN, EMIN, etc.

ISC 26 11:59:31.5, 0.7, 3.46S, 143.84E, h0km, mb4.2/14, mb1.4, 3/16, mb1mx4.3/19, mbtmp4.2/16, ML4.0/1, MS3.5/5, Ms1.3.5/5, ms1mx3.2/21, Error ellipse: s-maj=22.1km s-min=11.1km az=97.0

ISCJCB 26 11:59:34.0, 4.3, 4.9S, 0.0, 143.86E, 0.07, h31km, mb4.2/17, MS3.4/4, Error ellipse: s-maj=9.9km s-min=6.0km az=175.1

NEIC 26 11:59:36.0, 4.3, 3.46S, 143.88E, h35km, mb4.2/5, Error ellipse: s-maj=12.5km s-min=6.8km az=88.0

AUST 26 11:59:39.9, 3.3, 38.5S, 143.53E, h35km

ISC 26 11:59:36.1, 0.5, 3.50S, 0.05, 143.81E, 0.08, h31km, n60, alpha162/59, mb4.2/17, MS3.4/4, Near north coast of New Guinea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations like JAY, PMG, PMG, PMG, PMG, PMG, etc.

990

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details for stations like QLP, FITZ, FITZ, FITZ, FITZ, FITZ, etc.

ISC 26 12:18:05.1, 0.9, 2.75S, 80.06W, h0km, mb3.8/7, mb1.4, 2/10, mb1mx4.0/23, mbtmp3.9/10, ML4.0/3, MS3.3/2, Ms1.3.3/2, ms1mx2.9/30, Error ellipse: s-maj=68.5km s-min=13.7km az=62.0

ISCJCB 26 12:18:10.0, 0.4, 3.19S, 0.05, 80.61W, 0.07, h53km, mb4.3/19, Error ellipse: s-maj=10.6km s-min=6.6km az=154.0

NEIC 26 12:18:13.0, 1.2, 3.16S, 80.41W, h68km, 13km, mb4.7/14, Error ellipse: s-maj=17.8km s-min=8.6km az=62.0

ISC 26 12:18:11.5, 0.6, 3.13S, 0.06, 80.61W, 0.1, h53km, n39, alpha150/42, mb4.5/20, Peru-Ecuador border region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details for stations like OTAV, ATAH, ATAH, ATAH, ATAH, ATAH, etc.





26d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like PETK Petropavlovsk-76.52 343 P, NVAR Mina Array Bea 78.35 42 P, HO3N2 Juan Fernandez 83.12 123 T, etc.

NNC 26 14:31:28.3;4.8,37.16N;70.73E, h0km, mb4.0, mpv4.1, Error ellipse: s-maj=70.4km s-min=52.0km az=170.0, ISCJB 26 14:31:29.2;1.0,36.87N;0.09;71.1E;0.1, h88km, mb3.5/5, Error ellipse: s-maj=14.6km s-min=9.6km az=136.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like AML Alamyashu SNR=198, UCHT Uchter SNR=10, KZA Kyzart SNR=37, etc.

26 14:33:40.5;7.6,17.09S;176.67W, h310km,184km, mb3.4/4, mb1 3.5/5, mb1mtx3.2/19, mbtm3.4/5, MS3.5/1, MS1 3.5/1, ms1txz10.0, Error ellipse: s-maj=210.8km s-min=87.3km az=114.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like AFI Afiamalu 5.68 57 P, STKA Stephens Creek 40.48 241 P, WRA Warrunguna Arr 46.42 259 P, etc.

26 14:39:49.8;1.4,3.62N;128.48E, h0km, mb3.4/6, mb1 3.6/6, mb1tx3.4/23, mbtm3.5/6, Error ellipse: s-maj=69.4km s-min=17.7km az=68.0, ISCJB 26 14:39:54.1;6.1,3.61N;0.2;128.3E;0.5, h45km, mb3.4/6, Error ellipse: s-maj=7.7km s-min=15.5km az=157.7, etc.

26 14:43:56.2;1.7,3.61N;0.2;128.3E;0.4, h45km, mb, c06/44/7, mb3.6/6, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like FITZ Fitzroy Crossi 21.68 187 P, WRA Warrunguna Arr 54.81 166 P, ASAR Alice Springs 27.59 169 P, etc.

26 14:40:23.1;1.8,16.86S;166.75E, h0km, mb3.8/6, mb1 4.1/8, mb1tx3.9/20, mbtm4.0/8, ML3.9/2, MS3.3/4, MS1 3.3/4, ms1txz10.0, Error ellipse: s-maj=39.2km s-min=27.8km az=110.0, ISCJB 26 14:40:26.2;1.3,16.99S;0.07;166.7E;0.2, h33km, mb3.7/6, MS3.2/2, Error ellipse: s-maj=27.3km s-min=8.2km az=168.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like DZM Mont Dzumac 5.15 182 P, DZM Mont Dzumac 5.15 182 eP, HNR Honiara 9.85 318 P, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like URZ Urewera 23.20 159 LR, STKA Stephens Creek 27.13 232 P, WRA Warrunguna Arr 37.73 259 P, etc.

ISCJB 26 14:59:54.4;0.7,43.55N;0.07;139.31E;0.09, h254km,6km, mb3.1/2, Error ellipse: s-maj=12.4km s-min=9.2km az=144.6, JMA 26 14:59:54.4;0.2,43.63N;139.26E, h253km,2km, M2.6, IDC 26 14:59:54.4;0.2,43.63N;139.22E, h252km,70km, mb2.9/2, mb1 3.0/4, mb1tx2.6/27, mbtm2.8/4, Error ellipse: s-maj=201.2km s-min=22.6km az=38.0, etc.

ISC 26 14:59:55.1;1.3,43.57N;0.08;139.32E;0.08, h250km,9km, n18, c131/27, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like JSK Shakotan 0.87 104 P, JSH Shimam 1.06 150 P, JOM Oshukuri-Mats 1.49 176 P, etc.

IDC 26 15:00:39.0;1.9,5.55S;131.20E, h0km, mb3.9/2, mb1 3.7/5, mb1tx3.5/17, mbtm3.6/5, ML3.2/3, MS3.1/1, MS1 3.1/1, ms1txz6.3/3, Error ellipse: s-maj=95.0km s-min=26.2km az=73.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like FITZ Fitzroy Crossi 13.61 203 P, WRA Warrunguna Arr 14.63 168 P, WRA Warrunguna Arr 16.36 195 P, etc.

IDC 26 15:01:09.2;8.2,21.28N;145.09E, h429km,97km, mb3.1/8, mb1 3.2/8, mb1tx2.9/25, mbtm3.9/8, Error ellipse: s-maj=47.5km s-min=30.3km az=169.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like TGY Tagaytay City 24.07 257 P, SONM Songoing Array 40.79 320 P, MKR Makanchi Array 56.28 313 P, etc.

IDC 26 15:01:13.8;3.8,31.02N;87.84E, h0km, mb3.2/3, mb1 3.3/5, mb1tx3.2/28, mbtm3.3/5, ML2.6/1, Error ellipse: s-maj=81.6km s-min=36.1km az=56.0, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like CMAR Chiang Mai Arr 16.05 139 P, MKR Makanchi Array 16.33 346 P, KURB Kurchatov Arr 20.78 343 P, etc.

BUI 26 15:09:10.1;36.10N;20.98E, h16km, mb5.1/30, mb5.1/37, MS5.0/31, MS7 4.7/31, IDC 26 15:09:12.3;0.4,36.14N;21.49E, h0km, mb4.7/31, mb1 4.8/42, mb1tx4.0/47, mbtm4.7/42, ML4.2/10, MS4.3/21, MS1 4.3/21, ms1txz10.4/0.52, Error ellipse: s-maj=10.5km s-min=10.3km az=118.0, etc.

SFS 26 15:09:13.9;36.50N;20.32E, h7km, SFS 26 15:09:14.0;36.15N;21.43E, h10km, ML1.1, ISCJB 26 15:09:14.6;0.4,36.11N;0.02;21.37E;0.01, h25km,3km, mb4.9/156, MS4.5/32, Error ellipse: s-maj=2.6km s-min=1.7km az=12.1, CSEM 26 15:09:15.1;0.1,36.01N;21.38E, h20km, mb5.0/91, MS4.4, MW4.6, Error ellipse: s-maj=2.8km s-min=2.1km az=14.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like CMAR Chiang Mai Arr 16.05 139 P, MKR Makanchi Array 16.33 346 P, KURB Kurchatov Arr 20.78 343 P, etc.

PDG 26 15:09:18.2;0.4,36.14N;21.15E, h14km,3km, MD4.8/1, ML4.8/10, Error ellipse: s-maj=4.4km s-min=1.5km az=90.0, NIC 26 15:09:19.3;0.3,36.50N;21.93E, h56km, GCMT 26 15:09:19.1;0.3,36.10N;21.17E, h12km, MW5.0, Moment Tensor Solution: s27,c32, s74,c102; Moment tensor: Scale 10^19Nm; Mw0.74; 10; Mw1.88; 09; M00-2.62; 08; M11.66; 28; M00-0.60; 08; M11-3.19; 24; Best double couple: M04.2000x10^16; NP2:3s,39.0000; 827.0000; 1.63.0000; 7.64.0000; Principal axes: T: 3.5300, Plg46.0000; Azm27.0000; N: 1.3000, Plg26.0000; Azm148.0000; P: -4.8300, Plg32.0000; Azm256.0000; Data Used: II IC U CU CN G, BEO 26 15:09:49.2;0.6,38.81N;21.46E, h30km, ML4.8/5, ISC 26 15:09:147.0;3.36,09N;0.01;21.39E;0.01, h17km,1km, n1476,c1471/496, mb5.0/156, MS4.4/32, 57C-46D, Southern Grege

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s ISC. Includes entries like PYL PYLOS 0.85 20 Op, PYL PYLOS 0.85 20 eP, PYL PYLOS 0.85 20 P, etc.



Table with columns for station name, frequency, power, and other technical details. Includes stations like GULE, PKSN, VISS, KARARA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WTTA, STHS, WVF, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ANN, ANAPA, KSP, etc.



26d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like IVRN, KONO, KONO, KONO, IKLH, IPRN, ISFB, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JMDO, WBK, WBK, MBAR, MBAR, MBAR, etc.

996

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WMQ, WMQ, WMQ, WMQ, LSZ, LSZ, LSZ, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WMOK Wichta Mounta, N20A Spence Gulch, SAML Samuel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Technical notes including station identifiers and coordinates: IDC 26 15:12:40.3±0.5, 4.06N, 126.30E, h0km, mb4.3/23, ...

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARU Arti, GNI Gani, BPWA Bear Paw Mtn, etc.

Technical notes at the bottom right: IDC 26 15:16:00.4±0.7, 4.17N: 126.44E, h0km, mb4.3/17, ...



ellipse: s-maj=14.9km s-min=6.1km az=72.0  
MAN 26 15:16:06.9.0.5.4.26N;126.55E;h46km,mB4.9,ML3.8,MS3.9  
ISC 26 15:16:06.9.0.5.4.26N;126.55E;h46km,mB4.9,ML3.8,MS3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for various locations like MATI, KCP, MUSAN, etc.

ISC 26 15:22:17.3.1.6.4.21N;126.87E,h0km,mb3.4/4,  
mb1 3.6/4,mb1mx3.4/22,mbtmp3.4/4, Error ellipse:  
s-maj=11.16km s-min=21.8km az=75.0,Taloud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for FITZ, WRA, SONM, MKAR.

ISC 26 15:32:49.6.1.1.4.22N;126.67E,h0km,mb3.7/9,  
mb1 3.9/9,mb1mx3.7/23,mbtmp3.7/9, Error ellipse:  
s-maj=69.1km s-min=14.5km az=68.0

ISC 26 15:32:54.0.0.7.4.18N;0.07E;126.66E;h0km,h45km,  
mb3.7/9, Error ellipse: s-maj=11.0km s-min=10.1km  
az=30.8

DJA 26 15:32:59.7.1.5.4.10E;12.0.10,h20km,M4.5/3,  
mb4.7/11,mb4.9/18,ML3.5/3,Mw(MB)4.2/1

ISC 26 15:32:56.2.0.9.4.11N;0.08E;126.6E;h1.0, h45km,n13,  
=079/13,mb3.6/9,IC,Taloud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for SGSI, TMTI, CTBH, etc.

ISC 26 15:34:53.9.0.4.58.08S;0.05E;177.9E;0.2,h10km,  
mb4.5/19, Error ellipse: s-maj=12.8km s-min=6.6km  
az=5.0

ISC 26 15:34:54.0.0.5.58.16S;157.85E,h0km,mb4.4/11,  
mb1 4.4/13,mb1mx3.9/18,mbtmp4.4/13,ML3.7/23,MS4.2/1,  
Ms1 4.2/1,ms1mx3.5/16, Error ellipse: s-maj=25.4km

s-min=14.2km az=75.0  
NEIC 26 15:34:55.1.0.3.58.15S;157.82E,h10km,mb4.6/15, Error  
ellipse: s-maj=10.9km s-min=6.7km az=98.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for MCQ, DRV, WDR, etc.

ISC 26 15:34:55.0.0.4.58.07S;0.06E;158.1E;0.1,h10km,m83,  
=103/87,mb4.5/19,5C-2D,Cadacque Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for BRTR, KURK, ILAR, etc.

BJI 26 15:42:13.8.3.0.06S;177.51W,h5km,mB5.6/13,mb5.2/16,  
mb4.5/10,MS7 5.0/7

DJA 26 15:42:15.1.4.30'S;20.177'W;17.1,h10km,M5.4/12,  
mb5.9/2,mb5.4/12,Mw(MB)5.4/2

ISC 26 15:42:16.7.2.4.30.44S;0.04E;177.92W;0.05,  
h1km,14km,mb4.9/52,MS4.5/12, Error ellipse:  
s-maj=8.2km s-min=5.2km az=137.5

NEIC 26 15:42:17.7.2.6.30.52S;177.84W,h23km,mB5.0/32,  
Error ellipse: s-maj=10.9km s-min=8.3km az=126.0  
MOS 26 15:42:18.7.1.1.30.32S;177.89W,h33km,mb5.1/15,

Error ellipse: s-maj=11.7km s-min=10.8km az=86.6  
AUST 26 15:42:19.6.1.0.30.29S;177.04W,h68km,q9km, Error  
ellipse: s-maj=15.4km s-min=7.9km az=122.0

ISC 26 15:42:22.1.1.3.30.16S;177.86W,h52km,m10km,mb4.2/14,  
mb1 4.4/15,mb1mx4.4/17,mbtmp4.5/15,MS4.2/7,  
Ms1 4.2/7,ms1mx3.9/21, Error ellipse: s-maj=13.5km  
s-min=13.1km az=124.0

ISC 26 15:42:16.7.2.0.30.43S;0.05E;177.80W;0.06,h16km,q2km,  
h16km:PP-P,n300,=155/317,mb5.0/52,MS4.4/12,10C-7D,  
Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists station data for RAO, OUZ, URZ, etc.

ISC 26 15:42:19.6.1.0.30.29S;177.04W,h68km,q9km, Error  
ellipse: s-maj=15.4km s-min=7.9km az=122.0

ISC 26 15:42:22.1.1.3.30.16S;177.86W,h52km,m10km,mb4.2/14,  
mb1 4.4/15,mb1mx4.4/17,mbtmp4.5/15,MS4.2/7,  
Ms1 4.2/7,ms1mx3.9/21, Error ellipse: s-maj=13.5km  
s-min=13.1km az=124.0

ISC 26 15:42:16.7.2.0.30.43S;0.05E;177.80W;0.06,h16km,q2km,  
h16km:PP-P,n300,=155/317,mb5.0/52,MS4.4/12,10C-7D,  
Kermadec Islands

ISC 26 15:42:19.6.1.0.30.29S;177.04W,h68km,q9km, Error  
ellipse: s-maj=15.4km s-min=7.9km az=122.0

26d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VVDA, MTN, KNRA, FITZ, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, I05D, U15A, CCUT, etc.

1000

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAA0, ZALV, ZALV, etc.

Table with columns: GERE, GERE, MOTA, DAVOX, DAVOX, TOR, TOR, TOR, TOR. Includes station names like GERE Array B, MOTA Moosalm, DAVOX Davos/Dischmat, TOR Torodi Ar. Bea.

ISCJB 26 15:42:20.6-0.4, 67.84N-01:02:20.14E:0.06, h0km, Error ellipse: s-maj=3.4km s-min=3.2km az=177.4

NAO 26 15:42:21.7-2.3, 67.81N-20:25E, ML2.5 UPP 26 15:42:21.2, 67.85N-20:17E, h0km, ML1.4, Suspected Mining explosion.

CSEM 26 15:42:21.8-0.2, 67.84N-20:16E, h2km, ML1.4, Error ellipse: s-maj=4.5km s-min=4.3km az=55.0, Mining explosion.

HEL 26 15:42:22.0-0.1, 67.85N-20:16E, h0km, ML1.8, ML1.4(UPT) Explosion

BER 26 15:42:24.3-3.5, 67.83N-20:14E, h0km, ML2.3, ML2.5(NAO), Suspected explosion.

ISC 26 15:42:21.8-0.7, 67.83N-02:02:20.22E:0.02, h0km, n45, c1500/70, Sweden

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like KUA Kurravaara, MASU Masugnbyn, SALU Saitoluokta.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like HEF Hetta, ERTU Ertsaerj, KTKI Kautokeino.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like HARU Harads, HARU Harads, TRO Tromso.

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

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like SJUU Sjuismark, SJUU Sjuismark, SGF Sodankyl.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like SGF Sodankyl, SGF Sodankyl, LOF Lofoten.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like LOF Lofoten, LOF Lofoten, RNF Rovaniemi.

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

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array S, ARAO ARCESS Array S.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like MOR8 Mol Rana, MOR8 Mol Rana, MOR8 Mol Rana.

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

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

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

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

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

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

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

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

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

Table with columns: MKAR, TKM2, TKM2, AAK, AAK, AAK, KURBB, KURBB, KURKB, KURKB, ZALV, ZALV, SONM, BRTR. Includes station names like MKAR, TKM2, AAK, KURBB, KURKB, ZALV, SONM, BRTR.

BUC 26 15:46:24.2-0.7, 45.96N-27:16E, h28km, 2km, MD1.9, 4C-2D, Error ellipse: s-maj=8.3km s-min=2.5km az=28.0, Romania

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like ODBI Odobesti, PETR Petresti, VRI Vrincoiaia.

IDL 26 15:59:24.2-6.0, 6.09S-152.94E, h91km, 47km, mb3.1/4, mb1.3/4.5, mb1mx3.2/18, mbtmp3.3/5, Error ellipse: s-maj=91.9km s-min=28.6km az=130.0

ISC 26 15:59:17.5-1.6, 6.75S-153.7E:0.3, h48km, n6, c155/7, mb3.3/4, New Britain region

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

IDL 26 15:59:22.2-1.6, 4.05N-126.24E, h0km, mb3.4/4, mb1.3/5.4, mb1mx3.3/22, mbtmp3.4/4, Error ellipse: s-maj=142.3km s-min=25.7km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, SONM Sogino Array, MKAR Makanchi Array.

THE 26 16:13:06.9, 36.04N-21:35E, h16km, 8km, ML2.2/2, Error ellipse: s-maj=92km s-min=2.4km az=256.0

ATH 26 16:13:08.9, 36.19N-21:56E, h29km, 1km, MD3.6/14 CSEM 26 16:13:09.0, 1.1, 36.27N-21:59E, h5km, MD3.6, Error ellipse: s-maj=23.3km s-min=9.8km az=33.0

ISC 26 16:13:08.4-2.3, 36.1N-01:21.51E:0.08, h14km, n43, c053/47, Southern Greece

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

THE 26 16:13:06.9, 36.04N-21:35E, h16km, 8km, ML2.2/2, Error ellipse: s-maj=92km s-min=2.4km az=256.0

ATH 26 16:13:08.9, 36.19N-21:56E, h29km, 1km, MD3.6/14 CSEM 26 16:13:09.0, 1.1, 36.27N-21:59E, h5km, MD3.6, Error ellipse: s-maj=23.3km s-min=9.8km az=33.0

ISC 26 16:13:08.4-2.3, 36.1N-01:21.51E:0.08, h14km, n43, c053/47, Southern Greece

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, DID Didima.

ISC 26 16:20:00.7-1.9, 4.83S-143.14E, h0km, mb3.4/3, mb1.3/7.5, mb1mx3.5/17, mbtmp3.6/5, ML3.4/2, Error ellipse: s-maj=43.7km s-min=28.3km az=84.0, Guinea

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

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, FITZ Fitzroy Crossi, MKAR Makanchi Array.

CSEM 26 16:44:05.9, 40:76N-27:37E, h16km, MD2.8 DDA 26 16:44:05.9, 40:76N-27:37E, h16km, MD2.8 THE 26 16:44:07.7, 41:80N-25:83E, h10km, 7km, ML2.3/2, Error ellipse: s-maj=20.6km s-min=1.3km az=81.0

ISC 26 16:44:05.9-1.0, 40.78N-01:05:27.37E:0.03, h15km, 7km, n12, c082/24, Turkey

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like SART Tekirdag, SART SART, SART SART, ELBA Catalca.

ISCJB 26 16:44:40.8-0.3, 31.82N-01:09:104.7E:0.2, h15km, mb3.4/5, Error ellipse: s-maj=19.2km s-min=13.1km az=170.4

ISC 26 16:44:40.5-1.0, 31.84N-104:161E, h0km, mb3.4/5, mb1.3/5.8, mb1mx3.4/29, mbtmp3.4/8, ML3.4/3, Error ellipse: s-maj=36.3km s-min=18.8km az=59.0

ISC 26 16:44:42.3-1.0, 31.93N-01:104.7E:0.2, h15km, n8, c052/8, mb3.5/5, Sichuan

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONM Sogino Array, KSRS Koro Array.

IDL 26 16:52:29.4-1.3, 19:27S-173:40W, h0km, mb4.0/9, mb1.4/3.1, mb1mx4.1/20, mbtmp4.0/10, ML2.3/1, Error ellipse: s-maj=68.2km s-min=18.3km az=148.0

ISCJB 26 16:52:30.9-0.6, 19:55S-01:173.3W:0.1, h25km, mb4.1/11, Error ellipse: s-maj=24.4km s-min=13.6km az=142.2

NEIC 26 16:52:30.1-0.4, 19:55S-173:24W, h10km, mb4.7/3, Error ellipse: s-maj=18.6km s-min=9.8km az=153.0

ISC 26 16:52:32.4-0.7, 19.45S-01:173.3W:0.1, h25km, n26, c083/26, mb4.0/11, Tonga Islands

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalau, AFI Afiamalau, CTA Charters Tower.

ISC 26 16:53:53.0-1.4, 32:23N-104:96E, h0km, mb3.2/4, mb1.3/4.5, mb1mx3.2/26, mbtmp3.2/5, ML3.5/1, Error ellipse: s-maj=75.3km s-min=24.0km az=60.0, Sichuan

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesovo Beam.

ISC 26 16:53:53.0-1.4, 32:23N-104:96E, h0km, mb3.2/4, mb1.3/4.5, mb1mx3.2/26, mbtmp3.2/5, ML3.5/1, Error ellipse: s-maj=75.3km s-min=24.0km az=60.0, Sichuan

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesovo Beam.

ISC 26 17:32:09.0-9.0, 38:76N-73:63E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=75.4km s-min=42.5km az=163.0

ISC 26 17:32:10.0-3.4, 38.5N-01:073.8E:0.1, h107km, n11, c1504/13, 2C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, KZA Kzarat, UCH Uchtor.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like UCH Uchtor, EKSU Erkin-Say, ULHL Ulhol.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like KBK Karagaybulak, TKM2 Tokmak 2, TKM2 Tokmak 2.

26d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KK31, AB31, AKTO.

ISCJB 26 17:40:01.0, 0.8, 55:4S, 0.1x128:6W, 0.3, h10km, mb3.9/8, MS4.5/18, Error ellipse: s-maj=21.1km s-min=-19.9km az=36.3

NEIC 26 17:40:02.0, 0.6, 55:37S, 128:62W, h0km, mb3.9/8, mb1.4/2.8, mb1mx4.1/1.7, mbtmp3.9/8, MS4.4/25, MS1-4/1.8, ms1mx4.2/2.0, Error ellipse: s-maj=25.4km s-min=21.7km az=57.0

NEIC 26 17:40:02.0, 0.4, 0.3, 55:37S, 128:65W, h10km, mb4.3/1, Error ellipse: s-maj=15.1km s-min=13.0km az=145.0

GCMT 26 17:40:07.0, 0.2, 55:38S, 128:46W, h18km, 1km, MWV5.1, Moment Tensor Solution. s38,c42; s87,c117; Moment tensor: Scale 10^19Nm; M1=0.70; M2=3.68; M3=1.9; M4=2.97; M5=1.08; M6=3.34; M7=1.2; M8=0.38; M9=0.30; Best double couple: M4,90000;1016 NP1;9812,00000; 888,00000; -1,14,00000; NP2;8203,00000; 876,00000; -1,178,00000; Principal axes: T=5.1900, P1g8,0000; Azm158,0000; N=0.8700, P1g76,0000; Azm283,0000; P=4.5100, P1g12,0000; Azm66,0000; Data Used: II U G I C C U C N

ISC 26 17:40:02.0, 0.6, 55:4S, 0.1x128:7W, 0.2, h10km, n75, #064/44, mb4.0/8, MS4.5/18, Pacific-Antarctic Ridge

Main table for 26d 18h section, listing station names, coordinates, and data for various stations like Palmer Station, Vanda, RKT, USHA, QSPA, etc.

2009 NOV

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

ISC 26 17:49:44.1, 2.0, 4:77N, 125:57E, h0km, mb3.4/4, mb1.3/6.4, mb1mx3.3/2.2, mbtmp3.4/4, MS3.2/1, Ms1.3/2.1, ms1mx2.6/2.3, Error ellipse: s-maj=128.5km s-min=23.9km az=68.0

MAN 26 17:49:44.4, 39N, 125:89E, h0km, mb5.0, ML3.9, MS4.0, ISCJB 26 17:49:45.6, 0.7, 4:60N, 0.05:125:7E, 0.1, h10km, mb3.3/4, MS3.0/1, Error ellipse: s-maj=15.9km s-min=6.7km az=172.0

ISC 26 17:49:45.0, 1.1, 4.81N, 0.06:125:6E, 0.1, h10km, n16, #175/13, mb3.3/4, 2C-1D, Talaud Islands

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

ISC 26 17:52:47.5, 4.6, 7:50S, 126:98E, h382km, 55km, mb2.5/1, mb1.2/8.4, mb1mx2.6/1.8, mbtmp2.6/4, Error ellipse: s-maj=64.6km s-min=21.4km az=62.0

ISC 26 17:52:44.2, 1.5, 7:45S, 0.1x127:1E, 0.2, h350km, n7, #150/9, Banda Sea

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

ISCJB 26 17:59:55.8, 1.0, 55:4S, 0.2x128:6W, 0.4, h10km, mb3.6/4, Error ellipse: s-maj=30.5km s-min=23.1km az=152.6

ISC 26 17:59:56.0, 1.0, 55:28S, 128:75W, h0km, mb3.7/4, mb1.4/0.4, mb1mx3.9/1.4, mbtmp3.7/4, Error ellipse: s-maj=47.5km s-min=33.7km az=143.0

ISC 26 17:59:57.4, 0.9, 55:38S, 0.2x128:6W, 0.2, h10km, n27, #061/12, mb3.7/4, Pacific-Antarctic Ridge

Main table for 2009 NOV section, listing station names, coordinates, and data for various stations like VANDA, RKT, USHA, QSPA, etc.

1002

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

ISCJB 26 18:15:36.5, 0.8, 55:6S, 0.1x128:8W, 0.3, h10km, mb3.9/8, Error ellipse: s-maj=22.2km s-min=20.2km az=35.8

IDD 26 18:15:36.5, 0.7, 55:53S, 128:76W, h0km, mb3.9/8, mb1.4/1.8, mb1mx4.0/1.6, mbtmp3.9/8, Error ellipse: s-maj=27.4km s-min=23.3km az=162.0

ISC 26 18:15:38.0, 0.7, 55:55S, 0.2x128:7W, 0.2, h10km, n28, #038/17, mb4.1/8, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VANDA, RKT, QSPA, H03N2, H03N3, etc.

ISCJB 26 18:19:42.6, 0.7, 55:3S, 0.1x128:4W, 0.2, h10km, mb4.0/11, MS4.2/4, Error ellipse: s-maj=20.5km s-min=14.7km az=153.8

ISC 26 18:19:42.7, 0.6, 55:27S, 128:53W, h0km, mb3.9/10, mb1.4/1.0, mb1mx4.1/1.6, mbtmp3.9/10, MS4.2/4, MS1.4/2.4, ms1mx3.7/3.4, Error ellipse: s-maj=26.4km s-min=16.4km az=171.1

ISC 26 18:19:44.2, 0.6, 55:25S, 0.2x128:5W, 0.1, h10km, n34, #098/23, mb4.0/11, MS4.2/4, Pacific-Antarctic Ridge

Main table for 1002 section, listing station names, coordinates, and data for various stations like RKT, VANDA, USHA, QSPA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PAGZ Pagadian, DCPH Dipolog City, SNPH Sibulan, etc.

BUI 26 18:33:11.1, 34.96S: 178.96W, h3km, mB5.7/14, mb5.4/19, Ms5.4/13, Ms7.5/13
IDC 26 18:33:14.6, 0.4, 34.35S: 178.50W, h0km, mb4.7/16, mb1.4/8.19, mb1mx4.7/22, mbtmp4.7/19, ML4.5/3, MS3.8/5, Ms1.3/8.5, ms1mx3.4/37, Error ellipse: s-maj=16.8km s-min=15.2km az=107.0
NEIC 26 18:33:15.6, 0.3, 34.48S: 178.58W, h10km, mb5.0/13, Error ellipse: s-maj=8.9km s-min=5.8km az=123.0
AUST 26 18:33:15.7, 34.03S: 178.55W, h0km
ISCJB 26 18:33:17.9, 0.2, 34.65S: 0.05: 178.69W: 0.05, h33km, mb5.0/29, MS4.8/12, Error ellipse: s-maj=8.1km s-min=4.7km az=148.4
MOS 26 18:33:19.1, 1.8, 34.18S: 178.57W, h33km, mb5.4/5, Error ellipse: s-maj=15.5km s-min=11.2km az=92.2
ISC 26 18:33:21.4, 0.3, 34.47S: 0.06: 178.58W: 0.06, h51km, m250, r133/273, mb5.1/29, MS4.9/12, 5C-ID, South of Kermadec Islands

Main station list table for 1003, including stations like URZ Urewera, RAO Raoul Island, RAO Raoul Island, etc.

Main station list table for 2009 NOV, including stations like KNRA Kununurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

Main station list table for 26d 18h, including stations like 224A Cornudas Mount, 426A McDonald Obser, Y22A Soorroo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIC Kosan Boka, TIC Toumudi, DBIC Dimbokoro, etc.

Table for station MAN 26 18:43:49, 7.70N, 124.77E, h23km, mb4.0, ML2.8, MS2.5, 1C, Mindanao. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table for station IDC 26 18:55:19.0, 2.4, 8.10N, 104.25W, h0km, mb3.97, mb1 4.27, mb1mx4.0/22, mbtmsp3.9/7, MS3.6/1, Ms1 3.6/1, ms1mx3.0/40, Error ellipse: s-maj=102.4km s-min=19.9km az=56.0, Northern East Pacific Rise. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISCJB 26 18:57:00.0, 0.4, 55.55S, 0.08, 128.9W, 0.2, h10km, mb4.5/24, MS4.5/6, Error ellipse: s-maj=16.2km s-min=10.3km az=15.4

Msl 1 4.5/6, ms1mx4.2/31, Error ellipse: s-maj=27.9km s-min=16.1km az=159.0
GCMT 26 18:58:05.7, 0.2, 55.49S, 128.29W, h16km, 1km, MWV5.2, Moment Tensor Solution, s18, c27; s93, c135; Moment tensor: Scale 10^16Nm, Mr=-1.90e-29; Mw=6.41e-33; Mw-4.52e-23; Mw-1.68e-72; Mw=6.15e-20; Mw-0.07e-63; Best double couple: Mb=4.0000e-1016 NP1=111.000000, s90.000000, -1.10000000, NP2=201.000000, s79.000000, -1.180.000000, Principal axes: T 9.3700, P1g=0.0000, Azml=15.0000, N -2.0000, P1g79.0000, Azm289.0000, I C=7.3900, P1g8.0000, Azm65.0000, Data Used: G I U, I U, C U, C U

Main station table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VDA Vanda, RKT Rikita, USHA Ushuaia, GSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBTB Lobatse, ILAR Eielson Array, TORO Torodi Arr, etc.

IDC 26 19:00:35.6, 6.0, 8, 1.26N, 99.30E, h0km, mb3.9/13, mb1 4.0/14, mb1mx3.8/27, mbtmsp3.9/14, M1.36/1, Error ellipse: s-maj=37.7km s-min=12.5km az=63.0
ISCJB 26 19:01:37.0, 0.4, 1.46N, 0.05e-99.31E, 0.05, h10km, mb3.6/10, mb1 3.6/4, Error ellipse: s-maj=8.5km s-min=5.2km

NEIC 26 19:00:37.8, 2.2, 1.33N, 99.29E, h9km, 16km, mb4.1/7, Error ellipse: s-maj=20.0km s-min=10.1km az=53.0
NEIC Felt [III] at Padangjendang
DJA 26 19:01:39.0, 0.3, 0.2, 4.99E, 1.10km, M4.7/12, mb4.5/3, ML4.8/12

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, GSI Gunungsitoli, BKNi Bangkinang, etc.

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



26d 19h

Table with columns for ranch name, location, date, time, and various codes. Includes entries like WHTX Lake Whitney, HP1G Black Gap, 431A Sonora, etc.

2009 NOV

Table with columns for ranch name, location, date, time, and various codes. Includes entries like AGPR Aguadilla, 325A Bean Ranch, Y30A Stard Catt, etc.

1006

Table with columns for ranch name, location, date, time, and various codes. Includes entries like U33A Lingo Farm, 123A Bell Site, X27A F and F Farms, etc.



1007

Table with columns: Property Name, Address, Price, Status, Date, Location, and other details. Includes listings like KSU1 Kansas State U, U25A Circle Dot Ran, S28A Manter, etc.

2009 NOV

Table with columns: Property Name, Address, Price, Status, Date, Location, and other details. Includes listings like N29A Votaw Ranch, P25A Willow Gulch B, Z14A Wintersburg, etc.

26d 19h

Table with columns: Property Name, Address, Price, Status, Date, Location, and other details. Includes listings like BAR comp=Z,194nm,2.2s, K27A Flueckinger Fa, O20A White River Ci, etc.

26d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mount Wilson, Kuemmerle Ranch, Black Hills, etc.

2009 NOV

Table with columns for station name, frequency, power, and other technical details. Includes stations like Flat Rock, Bidde, Carson, Big Horn, etc.

1008

Table with columns for station name, frequency, power, and other technical details. Includes stations like LASA Array, Madison River, Freed Ranch, etc.

1009

Table with columns: ID, Name, Value, Unit, Direction, Date, Value, Unit, Direction, Date, Value, Unit, Direction, Date. Includes entries like CHMT Chamberlain Mo, LBCM Butte Creek Ri, MOD Modoc, etc.

2009 NOV

Table with columns: ID, Name, Value, Unit, Direction, Date, Value, Unit, Direction, Date, Value, Unit, Direction, Date. Includes entries like B06A Marblemount, EDM Edmonton, EDW Edmont, etc.

26d 19h

Table with columns: ID, Name, Value, Unit, Direction, Date, Value, Unit, Direction, Date, Value, Unit, Direction, Date. Includes entries like ILAR Elson Array, ILAR Eielson Array, ILAR Kodiak Island, etc.

26d 19h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like PCVE, PBEJ, MTE, etc.

2009 NOV

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SJFP, SJPF, LARF, etc.

1010

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like AREO ARCESS Array S, SBF Sospel, SBF Sospel, SBF Sospel, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KBA Koelnbreinspre, GKP Gorka Klaztor, MYKA Terra Mystica, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOLS Kolonickie sedl, KOLS Kolonickie sedl, UZH Uzhgorod, etc.



Table with columns: KMI, Kuning, 139.68 342, PKP, PKPdf, 19 27 35.0 +0.9, etc.

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

Table with columns: KHLT, Khaolaem Dam, 35.39 306, P, P, 20 31 22.4 +0.4, etc.

IDC 26 19:24:38.9±19.0, 17:05S:172:85W, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.8/2.1, mbtmp4.0/5, MS4.1/1, Ms1 4.1/1, ms1mx3.4/2.4, Error ellipse: s-maj=367.1km s-min=163.7km az=80.0, Tonga Islands region

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

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

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

ISCJB 26 19:55:42.5±1.0, 49.8S:0:1x115:9E:0.4, h10km, mb3.9/6, Error ellipse: s-maj=37.2km s-min=16.7km az=19.1

IDC 26 19:55:43.2±1.0, 49:78S:115:93E, h0km, mb3.9/6, mb1 4.2/6, mb1mx4.0/1.3, mbtmp3.9/6, Error ellipse: s-maj=41.7km s-min=20.1km az=110.0

ISC 26 19:55:45.0±1.0, 49.8S:0:1x116:0E:0.3, h10km, n14, α1518/h, mb3.9/6, Western Indian-Antarctic Ridge

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

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

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

ISCJB 26 20:25:01.1±0.2, 5:76S:0:03x127:73E:0:03, h404km, mb4.4/62, Error ellipse: s-maj=4.6km s-min=3.4km az=162.8

MOS 26 20:25:01.6±0.8, 5:77S:127:68E, h413km, mb4.6/18, Error ellipse: s-maj=16.0km s-min=6.4km az=117.2

BUI 26 20:25:01.1, 5: 89S: 127:89E, h431km, mb4.6/12, mb4.6/36

AUST 26 20:25:01.0, 5:82S:127:73E, h419km, Error ellipse: s-maj=9.6km s-min=6.3km az=24.9

NEIC 26 20:25:03.7, 6.5:82S:127:67E, h424km, mb4.6/23, Error ellipse: s-maj=8.3km s-min=4.7km az=60.0

IDC 26 20:25:03.5, 1.3:5:83S:127:66E, h419km, 14km, mb4.0/16, mb1 4.0/21, mb1mx4.0/25, mbtmp4.8/21, Error ellipse: s-maj=12.8km s-min=7.2km az=73.0

DJA 26 20:25:03.4±0.4, 6:54:4x12:8E±, h414km, M4.8/23, mb5.2/23, mb5.2/23, MLV5.2/20, Mw(mB)4.5/23

ISC 26 20:25:02.1±0.3, 5:78S:0:04x127:73E:0:05, h404km, n237, α1524/256, mb4.5/61, 4C-7D, Banda Sea

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

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

26d 21h

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MK31 Makanchi Array, KZAK Kyzart, TKM2 Tokmak 2, etc.

2009 NOV

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

1014

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like CSEM 26 21:54:27.9, PLOST Plostina, VRI Vrincoiaia, etc.



Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like BURAR Bucovina Array, MANR Mangalia, SRE Strehia, etc.

ADC 26 22:21.20.1.2, 55.55Sx128.25W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.7/14, mbtmp3.7/2, MS4.1/3, Ms1 4.1/3, ms1mx3.4/25, Error ellipse: s-maj=88.4km s-min=43.3km

ISC 26 22:21.21.3.1.4, 55.45S, 07.7.128.2W, 0.3, h10km, n16, c0587/7, MS4.1/3, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, H03N3 Juan Fernandez, AF1 Afiamalu, ASAR Alice Springs, etc.

ISCJB 26 22:23.37.7.1.1, 11.8S, 0.1x166.2E, 0.2, h83km, mb3.7/7, Error ellipse: s-maj=5.0km s-min=1.7km az=64.7

ADC 26 22:23.40.6.7.9, 11.91S, 166.28E, h100km, 84km, mb3.6/8, mb1 3.7/9, mb1mx3.6/20, mbtmp3.5/9, ML3.2/1, Error ellipse: s-maj=67.7km s-min=27.0km az=149.0

ISC 26 22:23.39.1.1.3, 11.8S, 0.1x166.2E, 0.2, h83km, n11, c0577/11, mb3.6/7, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

CSEM 26 22:39:01.0.35, 42N, 21.13E, h18km, MD3.6, After ATH ATH 26 22:39:15.9, 36.28N, 21.64E, h25km, 6km, MD3.3/4, Sea

ISC 26 22:39:12.7.4.1, 36.1N, 0.2x21.5E, 0.2, h14km, n28, c0562/28, Southern Greece

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PVL PYLOS, KYTH Kithira, VLI Velia, etc.

ADC 26 22:39:37.4.1.8, 2.84S, 128.23E, h0km, mb3.3/2, mb1 3.7/4, mb1mx3.4/20, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=53.3km s-min=25.5km az=64.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KAPI Kappang, WRA Warramunga Arr, etc.

0.2nm, 0.3s, baz=340, slow=11, SNR=14 ASAR Alice Springs 21.41 166 P 22 44 26.6 -0.6

0.8nm, 0.4s, baz=345, slow=12, SNR=14 MKAR Makanchi Array 63.81 327 P 22 50 12.0 +0.4

ADC 26 22:44:56.8.3.0, 15.37Sx173.17W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.8/19, mbtmp4.1/3, Error ellipse: s-maj=171.8km s-min=24.7km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, H1S2 Wake Island Hy, H1S3 Wake Island Hy, etc.

ADC 26 22:55:53.5.1.3, 9.84N, 42.40W, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/25, mbtmp3.6/4, Error ellipse: s-maj=45.1km s-min=23.8km az=171.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TORD Torodi Ar. Bea, TXAR Lajitas Array, etc.

ISCJB 26 23:44:10.2.0.0.8, 35.63N, 0.04x26.58E, 0.05, h9km, 6km, Error ellipse: s-maj=7.8km s-min=4.9km az=43.1

CSEM 26 23:44:10.1.0.4, 35.63N, 26.60E, h5km, ML2.0/1, Error ellipse: s-maj=8.8km s-min=5.6km az=129.0

ATH 26 23:44:10.2, 35.59N, 26.68E, h83km, 5km, MD3.1/8 THE 26 23:44:12.0, 35.77N, 26.50E, h133km, 5km, ML2.0/1, Error ellipse: s-maj=7.2km s-min=0.9km az=119.0

ISC 26 23:44:10.5.1.2, 35.60N, 0.03x26.59E, 0.04, h16km, 9km, n39, c0578/53, Crete

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like ZKR Zakros, NPS Neapolis, THE Thessaloniki, etc.

BEO 26 23:50:38.9.0.6, 43.38N, 17.20E, h7km, 3km, ML2.1/5, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like STON Ston, TREB Trebinje, GUR Goura, etc.

BEO 26 23:50:56.9.0.6, 39.78N, 24.68E, h0km, MD3.9/8 SOF 26 23:50:59.3, 39.86N, 24.11E, h2km, MD3.7

ISCJB 26 23:51:00.4.0.4, 39.94N, 0.01x24.02E, 0.01, h16km, 3km, mb3.5/6, Error ellipse: s-maj=1.8km s-min=1.7km az=32.3

SC 26 23:51:01.0, 39.91N, 24.11E, h0km, M2.9, ML3.5

mb1 3.7/13, mb1mx3.6/33, mbtmp3.6/13, ML3.5/8, MS2.9/1, Ms1 2.9/1, ms1mx2.2/46, Error ellipse: s-maj=17.0km s-min=14.1km az=97.0

CSEM 26 23:51:01.8, 0.1, 39.92N, 23.99E, h10km, MD3.6, Error ellipse: s-maj=1.6km s-min=1.5km az=132.0

ATH 26 23:51:01.2, 39.94N, 23.99E, h27km, MD3.6/22, ML3.5 THE 26 23:51:01.7, 39.92N, 23.99E, h6km, 1km, ML3.8/22, Error ellipse: s-maj=1.0km s-min=0.5km az=289.0

ISK 26 23:51:02.7, 39.92N, 24.01E, h36km, MD3.7, ML3.8 DDA 26 23:51:07.8, 40.06N, 24.81E, h17km, MD3.7, ML3.8

ISC 26 23:51:02.2, 1.0, 39.92N, 0.01x24.01E, 0.01, h7km, 7km, n401, c1923/480, mb3.5/6, 45C-17D, Aegean Sea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PAIG Paliouri, AOS Alonnissos, XOR Xorichti, etc.

comp=N, 986nm, 0.9s VAY Valandovo 1.78 322 eLg 25 52 01.8

27d Oh

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VALANDOVO, PLATEES, ENEZ, VILLIA, etc.

2009 NOV

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKHS, PHSR, ITM, KCTX, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MDB, PLOR, VRI, TLR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like CISI, LEM, CLJI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like AFI, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like ZIIG, ARIG, MEIG, etc.

SKHL 27 00:48:05.0:0.9,47.70N:154.30E, h73km,4km, mb4.8/2
MOS 27 00:48:08.0:2.0,47.96N:153.79E, h77km, mb4.3/4, Error ellipse: s-maj=24.4km s-min=11.8km az=59.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ERM Erimo, EKMR Ukichan, USRK Essikurrys Arra, etc.

MEX 27 00:49:59.0-0.7, 16:44N:94:22W, h104km, 19km, MD3.8,

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

NIED 27 01:20:00.23:70N:126:20E, h8km, Mw4.4 Best double couple: M4.370000, 1015 NFI1302.00000, 386.00000, 1-78.00000, NP21949.00000, 813.00000, 1-162.00000

IDC 27 01:20:05.0-2.6, 23:65N:126:39E, h0km, mb4.2/16, mb1.4/4.19, mb1mx3.2/29, mbtmp4.2/19, ML4.3/3, MS3.7/13, Ms1.3/7.13, ms1mx3.4/50, Error ellipse: s-maj=21.3km s-min=13.3km az=86.0

ISCJB 27 01:20:06.3-1.1, 23:69N:126:26E:0.03, h18km, 8km, mb4.4/40, MS3.6/10, Error ellipse: s-maj=5.6km s-min=3.8km az=157.0

MOS 27 01:20:08.8-0.9, 23:65N:126:41E, h33km, mb4.6/19, Error ellipse: s-maj=12.3km s-min=6.3km az=109.5

JMA 27 01:20:10.8-0.2, 23:70N:126:21E, h81km, M4.3 NEIC 27 01:20:12.0-0.3, 23:62N:126:27E, mb4.6/21, MW4.4(NIED), Error ellipse: s-maj=7.1km s-min=6.6km az=192.0

ISC 27 01:20:07.3-1.8, 23:69N:126:39E:0.04, h14km, 10km, n129, s140/140, mb4.4/40, MS3.5/10, 3C-2D, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOGS Gusukube, JMJ Miyako jima 2, JTT Tarama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr, KKM Kota Kinabalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUR08 Bucovina Arr, NOA NORSAR Array B, NOA NORSAR Array B, etc.

MAN 27 01:21:24.0, 11.78N:125:14E, h6km, mb4.3, ML3.2, MS3.0, 2D, Samar

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

IDC 27 01:32:31.6-0.8, 13:94N:145:14E, h0km, mb3.7/9, mb1.4/0.9, mb1mx3.8/26, mbtmp3.7/9, Error ellipse: s-maj=38.3km s-min=17.2km az=103.0, Mariana Islands

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

IDC 27 02:29:44.9-1.5, 7:28S:123:88E, h586km, 28km, mb3.0/5, mb1.3/1.9, mb1mx3.0/22, mbtmp3.0/9, Error ellipse: s-maj=49.9km s-min=14.3km az=63.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI Kappang, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 27 02:47:16.5-1.2, 8:03S:122:22E, h0km, mb3.9/3, mb1.3/0.7, mb1mx3.8/23, mbtmp3.8/7, ML3.5/4, MS3.0/2, Ms1.3/0.2, ms1mx2.6/30, Error ellipse: s-maj=96.5km s-min=19.1km az=59.0

ISCJB 27 02:47:18.9-0.4, 8:38S:121:85E:0.04, h33km, mb4.1/6, Error ellipse: s-maj=6.7km s-min=4.1km az=141.8

NEIC 27 02:47:19.9-4.6, 8:21S:121:99E, h25km, 37km, mb4.4/3, Error ellipse: s-maj=40.0km s-min=10.4km az=51.0

DJA 27 02:47:21.3-0.3, 9:3S:121:22E, h20km, M4.1/9, mb4.5/1, mb1.3/0.9, mb1mx3.9/23, mbtmp3.9/7, Error ellipse: s-maj=10.3km s-min=7.7km az=143.9

IDC 27 02:47:21.1-0.7, 8:41S:121:83E:0.05, h35km, n31, s227/41, mb4.1/6, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMRI Maumere, MMRI Labuhan Bajo, LBF1 Waingapu, etc.

27d 4h

Table with columns: ASAR, Alice Springs, 19.08 144 P, Pn, 02 51 43.6 +1.8, etc.

AUST 27 03:16:02.3, 21'22S, 174°98W, h35km, ISCJB 27 03:17:22.0, 0.6, 22'37S, 0:09, 179W, 0.1, h579km, mb4, 1/9, Error ellipse: s-maj=14.2km s-min=10.4km az=33.2

ISC 27 03:17:24.2, 1.9, 22'34S, 179°69W, h592km, 20km, mb3, 6/9, mb1 3.9/11, mb1mx3, 7/19, mb1mp3, 6/11, Error ellipse: s-maj=28.2km s-min=16.4km az=153.0

ISC 27 03:17:22.5, 0.7, 22'55S, 179°51W, 0.1, h579km, n37, +f109/40, mb3, 9/9, 3C-1D, South of Fiji Islands

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

ISCJB 27 03:28:45.1, 1.4, 17°45S, 178°50W, 0.4, h547km, mb3, 6/6, Error ellipse: s-maj=89.8km s-min=18.1km az=149.3

ISC 27 03:28:47.4, 6.1, 17°36S, 178°42W, h566km, 70km, mb3, 1/6, mb1 3.8/6, mb1mx3, 2/18, mb1mp3, 1/6, Error ellipse: s-maj=80.6km s-min=26.9km az=150.0

ISC 27 03:28:45.7, 1.4, 17°55S, 178°50W, 0.4, h547km, n9, +052/10, mb3, 6/6, Fiji Islands region

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

GUC 27 03:31:54.5, 0.8, 32°07S, 171°65W, h47km, 3km, MD3.6, ML2.9, 1C, Near coast of central Chile

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

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Table with columns: JACH, RCDM, Rinconada Maip, 1.58 153, etc.

IDC 27 03:42:17.6, 1.7, 17°9S, 116°04E, h0km, mb3, 7/4, mb1 3.9/5, mb1mx3, 6/24, mb1mp3, 7/5, ML4, 0/1, Error ellipse: s-maj=147.0km s-min=23.6km az=52.0

ISCJB 27 03:42:20.2, 0.6, 1.82S, 0:06, 115°99E, 0.06, h33km, mb3, 7/9, Error ellipse: s-maj=10.7km s-min=6.3km az=137.6

NEIC 27 03:42:22.6, 0.5, 17°0S, 116°15E, h35km, mb3, 9/5, Error ellipse: s-maj=62.3km s-min=7.3km az=51.0

NEIC Felt [I] at Longikis, DJA 27 03:42:23.0, 5.2, 5°4'x11°6"E, h10km, M4, 0/6, mb4, 5/1, mb4, 5/1, MLV3, 8/6, MW(m), 3/71

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

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

NIED 27 04:36:00, 43°70N, 147°30E, h59km, Mw4.8 Best double couple: M:1.870000, 1016 NP1:105.00000, 872.00000, 1.120.00000, NP2:223.00000, 834.00000, 133.00000

BUI 27 04:36:44.7, 44.09N, 147.50E, h66km, mb5, 0/25, mb4, 8/3, JMA 27 04:36:45.0, 0.2, 43°68N, 147°33E, h25km, M4.7

JMA Felt I, J, ISCJB 27 04:36:45.8, 0.3, 43°89N, 147°30E, 0.02, h62km, 3km, mb4, 8/140, Error ellipse: s-maj=4.5km s-min=2.6km az=157.8

MOS 27 04:36:45.6, 0.8, 43°89N, 147°31E, h62km, mb5, 2/57, Error ellipse: s-maj=2.2km s-min=5.3km az=90.5

SKHL 27 04:36:46.8, 0.5, 43°90N, 147°40E, h75km, 4km, mb5, 3/6, ms4, 0/2

NEIC 27 04:36:47.5, 0.5, 43°91N, 147°24E, h64km, 4km, mb5, 0/89, Error ellipse: s-maj=4.1km s-min=2.5km az=152.0

NEIC Felt [I] at Shakotan and [J] at Yuzhno-Kuril'sk. Recorded 11 [JMA] in eastern Hokkaido, IDC 27 04:36:48.4, 2.1, 43°95N, 147°21E, h72km, 18km, mb4, 3/29, mb1 4.5/36, mb1mx4, 5/37, mb1mp4, 3/36, MS3, 8/3, Ms1 3.8/30, ms1mx3, 7/41, Error ellipse: s-maj=12.5km s-min=9.6km az=142.0

ISC 27 04:37:45.0, 3.4, 43°88N, 147°32E, 0.03, h65km, 2km, h65km, pp-P, n871, +0993/928, mb4, 9/140, 20C6-21SD, Kuril Islands

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

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Main table with columns: KUR, RCDM, Rinconada Maip, 1.58 153, etc.

Table of radio stations with call signs, frequencies, and other data. Stations include JNU, CBIJ, JCJ, and others. Includes a '2009 NOV' section.

Table of radio stations with call signs, frequencies, and other data. Stations include PALMER, COLA, ZALV, ZALZ, and others.

Table of radio stations with call signs, frequencies, and other data. Stations include PYUN, KKAR, KNCR, HNR, HNR, ARU, and others.

27d 4h

Table with columns for call letters, name, frequency, power, and other details. Includes entries like BOZ Bozeman (W), B20A Solberg Farm, etc.

2009 NOV

Table with columns for call letters, name, frequency, power, and other details. Includes entries like A27A Ledoux Ranch, EDW2 Edwards Air Fo, etc.

1020

Table with columns for call letters, name, frequency, power, and other details. Includes entries like H26A Fairport, IRM Iron Mountain, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like S23A Nye Farm, Q25A Bedland, R24A Sanders Place, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SCHO Schefferville, SCHO Schoefferville, SCHO Campo, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SOKA Soboth, V32A Arapah, 425A Indio Mountain, etc.

27d 4h

Table with columns: JCT, Junction City, 83.92 53 eP, P, 04 49 09.9 -0.6, etc. Includes stations like JCT Junction City, GRR Gorron, RRR Gorron, etc.

Table with columns: BDFB, Brasilia, 148.98 30 PKPbc, PKPbc, 04 56 28.6 +0.2, etc. Includes stations like BDFB Brasilia, VNA2 Neumayer-Watz, etc.

RSRPR 27 04:36:52.4, 17.93N-65.63W, h12km, MD2.4/3, 3C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like MTP Monte Pirata, CPD Cerro la Pandu, etc.

ATH 27 04:38:14.6, 38.49N-25.30E, h28km, 1km, MD3.5/25, ML3.2

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like CHOS Chios island, SIGR SIGRI, etc.

ISCJ 27 04:38:15.1, 38.48N-25.27E, 0.01, h9km, 9km, n215, 0.067/256, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like CHOS Chios island, SIGR SIGRI, URLA Izmir, etc.

Table with columns: SMTH, Samothraki Isl, 2.00 6 ePN, Pn, 04 38 46.8 -2.2, etc. Includes stations like SMTH Samothraki Isl, AKS Akhisar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like SMTH Samothraki Isl, AKS Akhisar, GUR Goura, etc.



Table with columns: SRPI, BAKI, GENI, JAY, FAKI, KDU, MTN, COEN, KNRA, WRA, FITZ, WRA, FITZ, FITZ, ASAR, TGY, MKAR, etc. Includes station names, coordinates, and status codes.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes station names like RAO, URZ, RAR, ASAR, WRA, MJAR, etc.

Table with columns: GUR, GUR, GUR, KLV, etc. Includes station names like Goura, Kalavryta, and their respective coordinates and status codes.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes station names like CHOI, CHOJ, JCY, etc.

Table with columns: WRA, PSI, ASAR, STKA, SONM, MKAR, etc. Includes station names like Warramunga, Alice Springs, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes station names like LEI, IHED, IGIL, etc.

Table with columns: WRA, Warramunga Arr, 35.44 164 P, P, 06 51 27.1 -0.1, etc.

ISCJB 27 06:47:52.6:0.8,23.7N:0.2:94.4E:0.3, h99km, mb3.5/4, Error ellipse: s-maj=4.3km s-min=3.8km az=135.7

IDC 27 06:47:55.4:4.2,23.7N:0.1:94.4E:0.2, h99km, n7, z=216/9, s-maj=100.4km s-min=19.3km az=53.0

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

MAN 27 06:55:23, 11.55N:125.43E, h24km, mb4.3, ML3.1, MS2.9, 1D, Samar

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

IDC 27 07:06:06.2:7.7, 15.29S:172.98W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/1.9, mbtmp3.6/2, Error ellipse:

s-maj=383.4km s-min=25.3km az=142.0, Samoa Islands region

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

IDC 27 07:18:15.8:1.3, 12.48N:91.67E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.7/2.5, mbtmp3.8/5, Error ellipse:

s-maj=52.5km s-min=21.1km az=55.0, Andaman Islands region

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

ATH 27 07:26:05.7, 38.43N:25.27E, h24km, 1km, MD3.0/6, ML4.6

ISCJB 27 07:26:05.9:0.9, 38.45N:0.03:25.28E:0.03, h4km, 7km, Error ellipse: s-maj=4.8km s-min=3.5km az=17.2

ISK 27 07:26:05.9, 38.44N:25.16E, h13km, MD3.4

CSEM 27 07:26:06.5:2.3, 38.44N:25.27E, h2km, ML2.5/4, Error ellipse: s-maj=5.0km s-min=4.1km az=16.0

THE 27 07:26:07.0, 38.50N:25.33E, h10km, 1km, ML2.5/4, Error ellipse: s-maj=1.6km s-min=0.6km az=57.0

DDA 27 07:26:07.8, 38.45N:25.39E, h6km, MD2.9

ISC 27 07:26:06.6:1.1, 38.47N:0.03:25.28E:0.02, h11km, 9km, n63, r1515/90, Aegean Sea

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

Table with columns: IZM, Izmir, 1.56 92 ePn, P, 06 27 35.6 +0.2, etc.

IDC 27 07:55:59.0:10.0, 15.55S:167.66E, h184km, 90km, mb3.8/3, mb1 3.9/4, mb1mx3.4/1.9, mbtmp3.7/4, Error ellipse: s-maj=172.4km s-min=73.4km az=88.0, Vanuatu Islands

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

ISCJB 27 08:11:17.6:1.7, 37.6N:0.2:70.6E:0.2, h10km, mb3.8/6, MS4.2/1, Error ellipse: s-maj=28.8km s-min=9.3km az=144.1

IDC 27 08:11:19.2:2.4, 37.70N:70.46E, h0km, mb3.9/6, mb1 3.9/10, mb1mx3.6/3.1, mbtmp3.7/10, ML3.0/3, MS3.5/2, MS1 3.5/2, ms1mx2.5/3.8, Error ellipse: s-maj=48.9km s-min=12.4km az=142.0

ISC 27 08:11:21.1:1.9, 37.77N:0.2:70.3E:0.2, h10km, n15, r1555/15, mb3.7/6, 3C, Afghanistan-Tajikistan border region

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

IDC 27 08:12:49.2:2.2, 17.0N:126.64E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/2.0, mbtmp3.4/3, Error ellipse: s-maj=177.3km s-min=26.4km az=66.0, Northern Molucca Sea

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

IDC 27 08:15:51.6:0.4, 10.142N:69.74W, h0km, mb5.0/30, mb1 5.1/34, mb1mx5.1/37, mbtmp5.0/34, ML4.5/4, MS4.9/24, MS1 4.9/24, ms1mx4.8/30, Error ellipse: s-maj=12.4km s-min=10.5km az=80.0

ISCJB 27 08:15:52.7:0.1, 10.51N:0.02:69.76W:0.01, h10km, mb5.3/279, MS5.0/173, Error ellipse: s-maj=2.5km s-min=1.6km az=19.7

LDG 27 08:15:52.2:0.3, 10.34N:69.78W, h10km, MB5.4/32, MS4.9/12, Error ellipse: s-maj=22.0km s-min=7.8km az=95.0

NEIC 27 08:15:53.4:0.1, 10.43N:69.72W, h7km, mb5.4/192, MS5.0/133, MW5.4, Error ellipse: s-maj=3.4km s-min=2.8km az=197.0, Moment Tensor Solution. s24

Moment tensor: Scale 10^17Nm; Mw:0.6; Ms:0.18; Mw:0.12; Mw:0.09; Mw:1.76; Mw:0.36; Best double couple: M:1.80000e+10^17 NP1:0.270000e+079, 0.00000e+0

lambda:176.00000e+07, NP2:0.1830000e+086, 0.00000e+0, lambda:11.00000e+0, Principal axes: T: 1.8000, P:10.0000, N:Az47.0000; N:0.0200, P:10.780000e+0, Azm199.0000e+0, -1.8100, P:15.0000, Azm316.0000e+0; NEIC 5000t damage in the Siquisique area. Felt [IV] at Barquisimeto, [III] at Maracaibo and [II] at Valencia. Also felt at Cabudare, Caragua, Caracas, El Hatillo, Guaitare, La Victoria, Maracay, Merida, San Felipe and in Falcon, Tachira, Yaracuy and Zulia.

FUNV 27 08:15:54.0, 10.46N:69.74W, h5km, MW5.6, MS4.9/24, MS1 4.9/24, ms1mx4.8/30, Error ellipse: s-maj=5.6km s-min=4.5km az=82.1

BUI 27 08:15:55.9, 10.40N:69.60W, h33km, mb5.4/24, MS5.6/24, MS7.5/25

GCMT 27 08:15:58.0:0.1, 10.46N:69.73W, h12km, MW5.4, Moment Tensor Solution. s79.c138; s19.c19; Moment tensor: Scale 10^17Nm; Mw:0.73; Ms:0.2; Mw:0.64; Ms:0.2; Mw:0.09; Ms:0.50; Mw:0.6; Ms:0.158; Ms:0.2; Mw:0.32; Ms:0.6; Best double couple: M:1.70000e+10^17 NP1:0.2740000e+089, 0.00000e+0, -1.640000e+0, NP2:0.1840000e+087, 0.00000e+0, -1.00000e+0, Principal axes: T: 1.2500, P:10.0000, Azm48.0000e+0, N:0.8400, P:10.740000e+0, Azm273.0000e+0, P:42.0000e+0, Azm12.0000e+0, Azm140.0000e+0; Data Used: IIU CN G I C U. Surface waves: sta=121, comp=236, per=50

ISC 27 08:15:53.8:0.7, 10.44N:0.02:69.77W:0.02, h14km, 4km, n1381, r1533/1365, mb5.4/280, MS5.1/174, 271C-252D, Venezuela

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

CRPR Cabo Rojo, PR 7.96 19 ePn Pn 08 17 46.8 -2.3

CRPR Las Mesas 8.12 18 eSn Sn 08 19 15.9 -3.1

GRSR Mayaguez 8.14 18 eSn Sn 08 19 19.5 -4.0

OBIP Obispo Ponce 8.16 22 ePn Pn 08 17 50.0 -2.0

GRHS Sauteado 8.17 77 ePn Pn 08 17 51.9 -0.2

TIPP Pointe-a-Pierre 8.18 90 ePn Pn 08 17 57.9 +5.6

RIOV Rio Grande 8.20 106 ePn Pn 08 17 50.3 -2.1

GRSS Sisters 8.21 76 ePn Pn 08 17 51.9 -0.7

TRN Trinidad (W) 8.23 88 ePn Pn 08 17 53.7 +0.8

TRN Trinidad (W) 8.23 88 ePn Pn 08 19 24.9 -0.9

LRS Lares 8.31 20 ePn Pn 08 17 55.8 +1.8

AGU Aguadilla, PR 8.32 17 ePn Pn 08 17 59.0 +4.8

AGPR Aguadilla, PR 8.39 18 ePn Pn 08 17 54.2 -0.9

AOPR Arecibo Observ 8.39 20 ePn Pn 08 17 53.7 -1.5

SJG San Juan 8.40 24 ePn Pn 08 17 52.7 -2.5

SJG San Juan 8.40 24 eSn Sn 08 19 18.7 -1.1

SJG San Juan 8.40 24 ePn Pn 08 17 53.1 -2.1

SJG San Juan 1.1mm, 0.3s, baz=267, slw=4.3, SNR=34 8.40 24 eSn Sn 08 19 18.7 -1.1

1025

Table with columns: Station, Name, Comp, Freq, Mod, Status, Power, and other technical details. Includes stations like GRTK, LMGC, OTAV, PTGA, etc.

2009 NOV

Table with columns: Station, Name, Comp, Freq, Mod, Status, Power, and other technical details. Includes stations like 534A, 434A, WHTX, etc.

27d 8h

Table with columns: Station, Name, Comp, Freq, Mod, Status, Power, and other technical details. Includes stations like W32A, U33A, Y31A, etc.

27d 8h

Table with columns for ID, Name, SNR, and other details. Includes entries like X27A F and S Farms, Q31A Ellis, 225A Deer Hill, etc.

2009 NOV

Table with columns for ID, Name, SNR, and other details. Includes entries like M29A Bunnies Ranch, N28A Priebeno Ranch, LPM Los Pinos Mountain, etc.

1026

Table with columns for ID, Name, SNR, and other details. Includes entries like ISCO comp=2.2um,19.0s, ISCO Idaho Springs, G29A Hovot, F30A Leola, etc.

Table with columns: Call ID, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like D27A Center, E26A Carlson Angus, H24A Dirks Ranch, etc.

Table with columns: Call ID, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like D22A Cohagen, G20A Bridger, SW5C Sam W. Stewart, etc.

Table with columns: Call ID, Name, Frequency, Mode, Power, Direction, and other details. Includes entries like LPMC Laurel Mountai, B19A Brinkman Farms, PASC Pasadena Art C, etc.

27d 8h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Tendick Farm, Table Mountain, Nelson Butte, etc.

2009 NOV

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Ste Jean, Esaut, Esparros, etc.

1028

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Maizieres J'vi, Simiane la Rot, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DAVOX, COLA, PMR, MCK, FETA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WDD, CONA, KSP, DPC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VTS, KNT, KNT, etc.

Table with columns: VORD, comp-Z, pmax, pmax, and various station names like RAR, CSS, ANN, etc.

Table with columns: MDJ, comp-Z, LR, LR, and various station names like MDJ, CASY, CN2, etc.

Table with columns: GYA, comp-Z, LR, LR, and various station names like YHNB, PMG, KMI, etc.







Table with columns: ILAR, Eielson Array, 68.61 333 P, P, 13 28 25.9 +1.6

IDC 27 13:20:43.8, 1.8, 15.62Sx173.63W, h0km, mb3.7/6, mb1.4/0.8, mb1mx3.9/2.1, mbtmp3.7/8, ML2.4/2, Error ellipse: s-maj=11.1, s-min=18.2km az=149.0

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

ISCJB 27 13:34:52.0, 0.5, 31.74N, 0.03, 104.40E, 0.06, h9km, mb3.9/9, Error ellipse: s-maj=7.4km s-min=4.6km az=15.5

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

IDC 27 13:39:16.1, 1.0, 13.76N, 92.84E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.7/2.8, mbtmp3.8/8, ML3.6/11, Ms3.2/2, Ms1.4/2.2, ms1mx2.9/4.4, Error ellipse: s-maj=43.3km s-min=19.6km az=57.0

ISCJB 27 13:39:18.7, 0.9, 13.8N, 0.1, 92.9E, 0.2, h32km, mb3.9/7, MS4.2/2, Error ellipse: s-maj=22.6km s-min=15.6km az=159.5

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

Table with columns: DZM, Mont Dzumac, 80.45 116 LR, LR, 14 24 23.3

IDC 27 13:45:44.7, 1.3, 35.2N, 126.22E, h0km, mb3.5/6, mb1.3/7/6, mb1mx3.5/2.4, mbtmp3.5/6, 1D, Error ellipse: s-maj=103.5km s-min=17.7km az=71.0, Talaud Islands

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

IDC 27 14:07:39.0, 0.6, 5.41S, 152.64E, h0km, mb4.4/23, mb1.4/5.2/5, mb1mx4.5/2.8, mbtmp4.4/25, ML3.5/2, MS3.8/11, Ms1.3/8/11, ms1mx3.6/2.5, Error ellipse: s-maj=21.0km s-min=13.5km az=109.0

ISCJB 27 14:10:42.1, 0.4, 5.47S, 152.57E, 0.08, h40km, mb4.0/26, MS3.8/11, Error ellipse: s-maj=12.5km s-min=6.6km az=23.8

NEIC 27 14:10:43.0, 0.3, 5.47S, 152.59E, h35km, mb4.5/5, Error ellipse: s-maj=11.0km s-min=5.9km az=106.0

AUST 27 14:10:0.0, 0.0, 5.95S, 150.74E, h105km, Error ellipse: s-maj=1.5km s-min=1.1km az=13.0

ISC 27 14:10:43.8, 0.5, 5.47S, 0.07, 152.64E, 0.09, h40km, n75, s127/78, mb4.5/26, MS3.9/11, New Britain region

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

ISCJB 27 14:16:48.5, 0.3, 38.07N, 0.02, 74.02E, 0.05, h152km, mb3.9/23, Error ellipse: s-maj=6.1km s-min=2.8km az=162.6

MOS 27 14:16:51.3, 1.1, 38.23N, 74.11E, h183km, mb4.0/18, Error ellipse: s-maj=12.8km s-min=4.9km az=89.8

IDC 27 14:16:53.0, 0.9, 39.20N, 74.19E, h183km, mb3.6/15, mb1.3/8/19, mb1mx3.6/3.4, mbtmp3.6/19, Error ellipse: s-maj=13.9km s-min=10.1km az=38.0

BJI 27 14:16:54.4, 38.24N, 74.42E, h176km, mb4.5/2, mb4.4/11, NNC 27 14:16:59.4, 3.8, 39.57N, 74.04E, h0km, mb4.7, mpv4.1, Error ellipse: s-maj=38.0km s-min=17.1km az=11.0

ISC 27 14:16:50.0, 0.5, 38.07N, 0.04, 74.06E, 0.06, h152km, n105, s158/112, mb3.9/23, 11C-8D, Tajikistan-Xinjiang border region

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

Table with columns: USP, Oспенovka, 85.14 314 P, P, 14 23 17.3 +1.3

Table with columns: AML, Almayashu, 85.49 313 P, P, 14 23 19.8 +1.6

ISCJB 27 14:16:48.5, 0.3, 38.07N, 0.02, 74.02E, 0.05, h152km, mb3.9/23, Error ellipse: s-maj=6.1km s-min=2.8km az=162.6

MOS 27 14:16:51.3, 1.1, 38.23N, 74.11E, h183km, mb4.0/18, Error ellipse: s-maj=12.8km s-min=4.9km az=89.8

IDC 27 14:16:53.0, 0.9, 39.20N, 74.19E, h183km, mb3.6/15, mb1.3/8/19, mb1mx3.6/3.4, mbtmp3.6/19, Error ellipse: s-maj=13.9km s-min=10.1km az=38.0

BJI 27 14:16:54.4, 38.24N, 74.42E, h176km, mb4.5/2, mb4.4/11, NNC 27 14:16:59.4, 3.8, 39.57N, 74.04E, h0km, mb4.7, mpv4.1, Error ellipse: s-maj=38.0km s-min=17.1km az=11.0

ISC 27 14:16:50.0, 0.5, 38.07N, 0.04, 74.06E, 0.06, h152km, n105, s158/112, mb3.9/23, 11C-8D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like KKN, DMN, PKIN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like mb3.9/8, Error ellipse, DJA 27 14:26:46.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like 1.3nm, 0.5s, baz=21, etc.

IDC 27 14:26:35.4, 1.1, 9.06S, 112.69E, h0km, mb4.0/8, mb1.4/1.0, mb1mx3.9/2.2, mbtmp4.0/1.0, ML3.9/2, Error ellipse: s-maj=47.7km s-min=15.8km az=49.0

IDC 27 14:26:43.0, 8.94S, 112.91E, h35km, mb3.9/8, Error ellipse: s-maj=11.3km s-min=5.8km az=176.7

IDC 27 15:33:44.1, 0.0, 6.02N, 0.04E, 125.77E, h155km, 4km, mb3.6/9, Error ellipse: s-maj=11.3km s-min=5.8km az=176.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Porto Santo, Sao Teotonio, Marcelete, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for XAN, YG, GY, KMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR, MHMT, QZH, etc.

ISC/JB 27 16:04:02.0,0.8,31.27N,01:02:103.85E,0.02, h5km,4km, mb5.0/181, MS4.5/39, Error ellipse: s-maj=3.0km s-min=2.7km az=36.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CD2, LZH, ENH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GZH, SHL, TIA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WMQ, KHLT, SRDT, etc.





Table listing stations and their details for 27d 17h. Columns include call sign, frequency, power, and other technical specifications. Stations listed include MFF, MTLF, LFF, LFM, SGFM, etc.

Table listing stations and their details for 2009 NOV. Columns include call sign, frequency, power, and other technical specifications. Stations listed include OTAV, BDFB, SAML, CPUP, LPAZ, etc.

Table listing stations and their details for 1038. Columns include call sign, frequency, power, and other technical specifications. Stations listed include LADK, KHAL, KARAH, etc.



Table listing various stations (AK39, AKHS, etc.) with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residuals.

Table listing stations VTS, GULB, DUBT, MDUR, etc., with columns for Code, Station Name, Azimuth, Altitude, Phase ID, Time, and Residuals.

Table for JMA 27 17:36:27.6:0.6, 45°48'N x 150°09'E, h155km, M3.6, Kuril Islands. Lists stations like NEM2, JER, JMA, etc.

Table for MAN 27 17:44:11, 11°11'N-123°32'E, h64km, mb3.8, ML2.5, MS2.1, I1C, Cebu. Lists stations like RCP, KOIM, GUIM, etc.

Table for NNC 27 18:09:31.8:2.1, 39°17'N-71°13'E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=16.9km s-min=11.5km az=4.0. Lists stations like AML, KRC, etc.

Table for IDC 27 18:19:12.9:7.7, 17.69S x 177.86W, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.5/18, mbtm3.4/2, Error ellipse: s-maj=320.4km s-min=62.8km az=142.0, Fiji Islands region. Lists stations like WRA, ASAR, etc.

Table for MAN 27 18:24:58, 11°26'N-121°65'E, h14km, mb4.3, ML3.2, MS3.0, I1C, Panay. Lists stations like CUYO, RCP, etc.

Table for IDC 27 18:34:34.6:1.7, 12°64'S x 165°80'E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/20, mbtm3.7/6, ML2.9/1, Error ellipse: s-maj=39.9km s-min=28.8km az=106.0. Lists stations like DZM, DZM, etc.

Table for KRCS 27 18:42:32.2:3.6, 65°30'N x 157°16'E, h5km, 5km, ML3.8, Kuril Islands. Lists stations like SKR, PAU, etc.

Table for JMA 27 19:05:40.0:0.2, 43°82'N x 148°02'E, h0km, M3.8, East of Kuril Islands. Lists stations like NEM2, JRA, etc.

Table for IDC 27 19:09:11.1:3.2, 23°43'S x 175°48'W, h0km, mb4.3/7, mb1 4.4/7, mb1mx4.1/19, mbtm3.4/37, MS3.8/1, Ms1 3.8/1, ms1mx2.8/34, Error ellipse: s-maj=109.4km s-min=29.3km az=139.0.

Table for NEIC 27 19:09:12.3:1.1, 23°45'S x 175°45'W, h10km, mb4.7/6, Error ellipse: s-maj=29.6km s-min=24.3km az=152.0. Lists stations like ASAR, etc.

Table for AUS 27 19:09:34.9, 19°19'S-174°67'W, h300km, ISC 27 19:09:15.8-1.2, 23°55'S x 175°50'W, h200km, n31, a1919/31, mb4.5/12, Tonga Islands region. Lists stations like NIUE, PPT, etc.

Table for WRA Warramunga Arr 45.19 259 P, ISC 18 27 31.5 -0.5. Lists stations like ASAR, BRTR, etc.

Table for IDC 27 19:53:8.3:7.1, 55°13'N x 153°56'W, h0km, mb3.8/2, mb1 3.8/3, mb1mx3.5/24, mbtm3.9/3, ML3.7/1, MS3.5/7, Ms1 3.5/7, ms1mx3.2/27, Error ellipse: s-maj=325.4km s-min=14.5km az=137.0. Lists stations like H10N2, H10N1, etc.



1041 2009 NOV 27d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Red Feather La, Billings, Baker, LASA Array, etc.

NEIC 27 19:57:48.2, 36:39N; 117:87W, h4km, ML3.5(PAS), After PAS. ISC 27 19:57:48.0, 1.1, 36:37N; 0.02, 117:87W; 0.02, h3km, 11km, n47, c1919/79, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cottonwood Cre, CWC, MPMC, TIN, GRAC, FURC, etc.

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

ISCJCB 27 20:20:15.6, 0.9, 39:58N; 0.06, 28:58E; 0.06, h9km, 5km, Error ellipse: s-maj=11.2km s-min=7.6km az=162.3

CSEM 27 20:20:15.6, 0.3, 39:58N; 28:54E, h10km, MD2.6, Error ellipse: s-maj=6.0km s-min=4.6km az=7.0

ISK 27 20:20:15.3, 39:67N; 28:55E, h10km, MD2.7 DDA 27 20:20:16.5, 39:67N; 28:47E, h7km, MD2.6 ISC 27 20:20:15.8, 1.1, 39:58N; 0.06, 28:56E; 0.04, h13km, 7km, n22, c0836/28, Turkey

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

DJA 27 20:44:57.8, 1.2, 10'S; 111°9'E, h24km, 9km, M4.0/10, mb4.4/3, mB4.5/1, MLV3.8/10, Mw(MB)3.7/1, Sumba region

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

GUC 27 20:48:46.7, 0.6, 22:61S; 68:93W, h108km, 5km, ML3.7, GC-10, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04, PB04, PB04, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Plate Boundary, Maria Elena, Plate Boundary, etc.

DJA 27 21:05:44.6, 1.1, 52°N; 10°15'19"E; 2", h20km, M5.3/11, mb6.1/1, mbs.5/11, Mw(MB)5.8/1

ISCJCB 27 21:06:00.6, 5.6, 51.84N; 158.09E, h163km, 42km, ML5.2 ISCJCB 27 21:06:02.8, 2.5, 52.06N; 157.56E; 0.02, h158km, 1km, mb4.8/225, Error ellipse: s-maj=3.8km s-min=2.0km az=158.2

BUI 27 21:06:02.6, 52:34N; 157:59E, h165km, mB4.9/28, mb4.9/48 MOS 27 21:06:02.5, 0.9, 52:11N; 157:54E, h155km, mb5.0/85, Error ellipse: s-maj=7.0km s-min=4.1km az=83.3

NEIC 27 21:06:04.0, 0.4, 52:13N; 157:49E, h155km, 3km, mb5.0/143, Error ellipse: s-maj=4.3km s-min=2.1km az=163.0

NEIC Felt [I] at Severo-Kuril'sk. IDC 27 21:06:05.0, 0.5, 52:22N; 157:38E, h161km, 3km, mb4.4/33, mb1.4/3.5, mb1mx4.5/37, mbmp4.9/35, MSJ3.3/3, M5.1 3.3, ms1mx2.7/39, Error ellipse: s-maj=10.6km s-min=6.5km az=146.0

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

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

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

ISC 27 21:06:03.9, 0.3, 52:02N; 0.04, 157:66E; 0.03, h160km, 2km, h159km, pP-N, n1007, c1930/117, mb4.9/225, 228C-19Bd, Kamchatka Peninsula

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

27Y 21h

Table of astronomical data for 27Y 21h, listing objects like Klyuchi, Baidaryaya, Sorokina, Semkarok, Krutoberegovo, etc., with columns for RA, Dec, and magnitude.

2009 NOV

Table of astronomical data for 2009 NOV, listing objects like BJI, PAX, MENT, ULN, etc., with columns for RA, Dec, and magnitude.

1042

Table of astronomical data for 1042, listing objects like YKBS, GYA, WMQ, KURK, etc., with columns for RA, Dec, and magnitude.

Table with columns for horse name, owner, jockey, and race details. Includes entries like TKM2 Tokmak 2, JTM Jette, YBMT Yellow Bay, BMO Blue Mountains, SWMT Swartz Lake, etc.

Table with columns for horse name, owner, jockey, and race details. Includes entries like YFT Old Faithful, GUN Gumba, F19A Roth Farm, ELK Elko, H17A Grant Village, etc.

Table with columns for horse name, owner, jockey, and race details. Includes entries like J20A Shoshoni, TPNV Topopah Spring, H22A Clearmont, G23A Gidion, I21A Big Trails, etc.

Table with columns: Call Sign, Name, Az, El, P, Az, El, P. Includes entries like M23A Laramie, J26A Sides Ranch, IRM Iron Mountain, etc.

Table with columns: Call Sign, Name, Az, El, P, Az, El, P. Includes entries like U22A Llavies, R25A Fountain Ranch, T24B San Luis, etc.

Table with columns: Call Sign, Name, Az, El, P, Az, El, P. Includes entries like Y26A Elida, 124A Stringfield Ra, PSI San Luis, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 529A, 430A, 232A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MALT, BZS, BZS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LPGA, LPGA, LPGA, etc.

ISCJB 27.21:06.26.6:0.7, 52:3N:0.1:157:7E:0.1, h50km, mb4.2/12, MS3.3/1, Error ellipse: s-maj=18.8km s-min=11.6km

27d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONGINGO Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

AUST 27 21:07:13.3, 0.58N:155.50E, h200km
ISCJB 27 21:07:59.0, 0.7, 3.75S:0.08:153.5E:0.1, h300km, mb3, 7/10, Error ellipse: s-maj=18.3km s-min=-1.1km

IDC 27 21:08:00.9, 3.2, 3.78S: 153.61E, h304km, 31km, mb3/4/10, mb1 3.5/12, mb1mx3.2/2, mbtmp4, 1/12, Error ellipse: s-maj=23.4km s-min=14.2km az=75.0

ISC 27 21:08:00.4, 0.8, 3.75S:0.10:153.6E:0.1, h300km, m23, 0.145/22, mb3/8/10, New Ireland region

Main table for 27d 22h section, listing various stations and their coordinates. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

PRE 27 21:43:13.2, 2.0, 20.92S:33.29E, h10km, ML4.0, Mozambique

Table for Mozambique region, listing stations like MSNA Messina, SLR Silverton, etc.

WEL 27 21:50:21.8, 0.2, 39.03S:175.30E, h229km, 4km, ML3.5/2, Error ellipse: s-maj=5.2km s-min=4.7km az=90.0, New Island

Table for New Island region, listing stations like TSZ Takapari Road, WPHZ Waipukurau, etc.

ISCJB 27 21:51:17.1, 0.6, 17.6N:0.1:145.71E:0.09, h250km, mb3, 9/23, Error ellipse: s-maj=16.4km s-min=-1.1km

IDC 27 21:51:20.2, 5.6, 17.54N: 145.62E, h268km, 53km, mb3 6/16, mb1 3.8/16, mb1mx3.6/28, mbtmp4 2/16, Error ellipse: s-maj=17.0km s-min=13.2km az=93.0

ISC 27 21:51:18.6, 0.7, 17.6N:0.1:145.7E:0.1, h250km, n36, 0.095/39, mb3/9/23, Mariana Islands

Table for Mariana Islands region, listing stations like WRA Warramunga Arr, etc.

2009 NOV

Main table for 2009 NOV section, listing various stations and their coordinates. Includes stations like ASAR Alice Springs, GUR Goura, etc.

IDC 27 21:56:59.7, 1.6, 6.39S: 129.83E, h0km, mb3.5/4, mb1 3.9/7, mb1mx3.8/19, mbtmp3.7/7, ML4.1/3, Error ellipse: s-maj=77.5km s-min=23.4km az=77.0

AUST 27 21:57:36.7, 9.47S: 130.06E, h300km, ISC 27 21:57:14.6, 0.9, 7.09S:0.08:129.5E:0.1, h139km, n16, 0.238/14, mb3/4/4, Banda Sea

Main table for 2009 NOV section, listing various stations and their coordinates. Includes stations like TLE Tual, MTN Matindag Dam, etc.

CSEM 27 22:03:00.9, 36.03N:21.31E, h18km, ML2.6/3, After THE ATH 27 22:03:00.9, 36.11N:21.38E, h31km, 5km, MD3.6/17

THE 27 22:03:00.9, 36.03N:21.31E, h18km, 5km, ML2.6/3, Error ellipse: s-maj=6.2km s-min=2.5km az=208.0

ISC 27 22:02:59.4, 3.5, 36.07N:0.10:21.36E:0.07, h2km, 25km, n70, 0.0576/82, Southern Greece

Main table for 2009 NOV section, listing various stations and their coordinates. Includes stations like PYL PYLOS, ITH Ithomi, etc.

1046

Main table for 1046 section, listing various stations and their coordinates. Includes stations like GUR Goura, KLV Kalavryta, etc.

ISCJB 27 22:06:46.8, 0.6, 42.92N:0.02:17.47E:0.02, h9km, 4km, Error ellipse: s-maj=3.7km s-min=2.7km az=170.5

TIR 27 22:06:46.1, 42.98N:17.62E, h0km

ROM 27 22:06:47.5, 0.2, 42.84N:17.45E, h10km, M13.0/13, Error ellipse: s-maj=3.2km s-min=2.5km az=54.0

BEO 27 22:06:47.1, 0.7, 42.94N:17.46E, h4km, 3km, ML2.9/1

CSEM 27 22:06:47.0, 0.1, 42.87N:17.47E, h10km, ML2.9, M3.5, NEDO Error ellipse: s-maj=3.2km s-min=2.5km az=154.0

VIE 27 22:06:49.0, 2.0, 42.99N:17.43E, h10km, mb2.9, ML2.9/5, M3.5/2, Error ellipse: s-maj=4.9km s-min=4.3km az=86.0

PRU 27 22:06:50.4, 42.98N:17.65E, h14km

ISC 27 22:06:47.5, 0.9, 42.88N:0.02:17.47E:0.02, h10km, 6km, n107, 0.099/154, 8C-17D, Adriatic Sea

Main table for 1046 section, listing various stations and their coordinates. Includes stations like STON Ston, TREBINJE, etc.

UDBI Udbina, UDBI Udbina, UDBI Udbina, UDBI Udbina, AMUR Altamura

AMUR Altamura, AMUR Altamura, AMUR Altamura, AMUR Altamura, AMUR Altamura

IVAS Ivanjica, IVAS Ivanjica, MELA Melanico ??? S, MELA Melanico ??? S

NOCI Noci, NOCI Noci, NOCI Noci, NOCI Noci, NOCI Noci

DIVS Divbare, DIVS Divbare, DIVS Divbare, DIVS Divbare, DIVS Divbare

MATE Matera, MATE Matera, MATE Matera, MATE Matera, MATE Matera

GATE Gambatesa, GATE Gambatesa, GATE Gambatesa, GATE Gambatesa, GATE Gambatesa

SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di

PHP Peshkopia, PHP Peshkopia, PHP Peshkopia, PHP Peshkopia, PHP Peshkopia

TRUS Trudelj, TRUS Trudelj, TRUS Trudelj, TRUS Trudelj, TRUS Trudelj

UDBI Udbina, UDBI Udbina, UDBI Udbina, UDBI Udbina, UDBI Udbina

AMUR Altamura, AMUR Altamura, AMUR Altamura, AMUR Altamura, AMUR Altamura

IVAS Ivanjica, IVAS Ivanjica, MELA Melanico ??? S, MELA Melanico ??? S

NOCI Noci, NOCI Noci, NOCI Noci, NOCI Noci, NOCI Noci

DIVS Divbare, DIVS Divbare, DIVS Divbare, DIVS Divbare, DIVS Divbare

MATE Matera, MATE Matera, MATE Matera, MATE Matera, MATE Matera

GATE Gambatesa, GATE Gambatesa, GATE Gambatesa, GATE Gambatesa, GATE Gambatesa

SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di, SGTA Sant Agata di

PHP Peshkopia, PHP Peshkopia, PHP Peshkopia, PHP Peshkopia, PHP Peshkopia

TRUS Trudelj, TRUS Trudelj, TRUS Trudelj, TRUS Trudelj, TRUS Trudelj



Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRUS, NVLJ, GRUS, LPEL, MCRV, etc.

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

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

27d 23h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BNSI Bone, SPSI Sidrap Palu, TTSI Tana Toraja, etc.

IDC 27 22:54:25.1±26.0, 20.11S:173.19W, h0km, mb4.4/4, mb1 4.5/4, mb1mx4.0/21, mbtmp4.4/4, Error ellipse: s-maj=481.5km s-min=148.7km az=75.0, Tonga Islands

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

ISCJB 27 23:11:53.0±0.7, 33.388N:0.06±25.14E, h20km, mb3.6/4, Error ellipse: s-maj=9.2km s-min=5.9km az=25.1 IDC 27 23:11:53.0±1.3, 33.388N:25.10E, h0km, mb3.7/4, mb1 3.5/9, mb1mx3.4/29, mbtmp3.4/9, ML3.5/4, Error ellipse: s-maj=31.4km s-min=22.0km az=145.0

ATH 27 23:12:01.2±34.41N:25.01E, h72km, 4km ISC 27 23:11:55.0±0.9, 34.00N:0.07±25.12E, h0.04, h20km, n27, s=152.32, mb3.7/4, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SIVA Sivas, GVD Gavdhos, LAST Lasithi, etc.

IDC 27 23:36:06.1±0.5, 10.415S:118.98E, h0km, mb4.8/17, mb1 4.9/19, mb1mx4.8/23, mbtmp4.8/19, ML4.7/12, MS4.1/15, Ms1 4.1/15, ms1mx3.9/36, Error ellipse: s-maj=19.9km s-min=12.7km az=66.0

AUST 27 23:36:07.4±4.8, 10.68S:118.88E, h12km, 33km, Error ellipse: s-maj=11.3km s-min=8.1km az=85.0 MOS 27 23:36:08.5±1.4, 10.37S:119.09E, h33km, mb5.0/22, Error ellipse: s-maj=13.5km s-min=6.4km az=120.1 BKK 27 23:36:08.4±1.4, 11.91S:119.91E, h10km, Mb5.5/17, mb5.9/7, mb4.9/17, MLV5.7/1, Mw(m)5.5/7, BUJ 27 23:36:09.8, 10.60S:118.80E, h47km, mb5.1/32, mb5.1/46, Ms4.7/28, Ms7.4/4/26 DJA 27 23:36:09.5±0.9, 11.52S:119.91E, h10km, 8km, M5.0/48, mb5.2/48, mb5.5/32, MLV3.2/24, Mw(m)5.0/32

ISCJB 27 23:36:09.8±0.4, 10.70S:118.96E, h47km, 33km, mb5.0/65, MS4.2/20, Error ellipse: s-maj=4.9km s-min=4.0km az=33.6

NEIC 27 23:36:10.0±0.3, 10.57S:118.85E, h35km, mb5.0/22, Error ellipse: s-maj=11.2km s-min=6.1km az=58.0

GCMT 27 23:36:13.7±0.3, 10.64S:118.92E, h17km, 1km, MW4.9, Moment Tensor Solution: s32, c43; s67, c108; Moment tensor: Scale 1016Nm; M1=2.01±.14; M2=1.10±.09; M3=0.91±.11; M4=1.25±.24; M5=1.85±.07; M6=1.22±.30; Best double couple: M3:10000±1016 NP1:97700000±85600000; λ=45.00000°. NP2:9196.00000±354.00000°; λ=136.00000°. Principal axes: T 2.8600, P1g1.0000°, Azm137.0000°; N 0.4100, P1g36.0000°, Azm22.0000°; P -3.2700, P1g54.0000°, Azm46.0000°; Data Used: IU CU IC G II CN.

ISC 27 23:36:11.2±0.4, 10.57S:118.93E, h0.04, h43km, 2km, n26.0, s=175/304, mb5.0/65, MS4.2/20, 9C-14D, South of Sumatra

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, WSI Waingapu, LBFJ Labuan Bajo, etc.

2009 NOV

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ABJI Asem Bagus, KAPI Kappang, KAPI Kappang, etc.

1048

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboob, CTA Charters Tower, CTA Charters Tower, etc.



28d Oh

Table with columns: LZH, comp, station name, frequency, and various status codes. Includes stations like Lanzhou, Zalesovo Beam, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CAIG, ACX, ZIHUATANEJO, etc.

AUST 28 00:04:31.3s.0.10.475x118.95e,h2km,20km, Error ellipse: s-maj=8.1km s-min=5.6km az=44.0
IDC 28 00:04:32.4s.0.4.10.355x118.84e,h0km,mb4/30, mb1 4.9/19, mb1mx4.9/32, mbtmp4.8/31, ML4.8/1, MS4.3/19, MS1 4.3/19, ms1mx4.2/31, Error ellipse: s-maj=15.0km s-min=9.8km az=63.0

2009 NOV

DJA 28 00:04:37.4s.0.8.11.2s.2.11.9e.1, h27km,9km, M5.1/42, mb5.3/42, mb5.6/31, MLV5.2/23, Mw(mb)5.1/31, GCMT 28 00:04:39.2s.0.2.10.645x118.87E,h15km,MW5.1, Moment Tensor Solution, c48,66E; s80,144; Moment tensor: Scale 10^10Nm; Mrr-4.22E-16; Mtt-1.92E-11; Mss-2.30E-13; Mrr-2.50E-37; Mss-2.96E-08; Mrr-3.28E-41; Best double couple: Mo:6.10000E+16 NP1:0.920000E+0, 559.00000E+0, -1.300000E+0, NP2:0.700000E+0, 649.00000E+0, -1.43.00000E+0. Principal axes: T:5.1500, Plg6.0000E+0, Azm309.0000E+0, N:1.8200, Plg33.0000E+0, Azm215.0000E+0, P:-6.9700, Plg56.0000E+0, Azm483.0000E+0, Data Used: IUU CV G II CVN

ISC 28 00:04:37.5s.0.2.10.495x118.92E,0.04,h41km, h41km;P-P,416, e1568/455,mb5.2/92,MS4.0/30, 24C-21D, South of Sumbawa

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data points.

1050

Table with columns: WRA, comp, station name, frequency, and various status codes. Includes stations like Warramunga Arr, Morawa, Kota Tinggi, etc.



28d 1h

Table with columns: ARU, comp, Az, El, Pmax, pmax, and various station names like IAZR, IMRD, DCRG, GNI, SEAG, TBLG, DUS, AKH, ZEI, etc.

2009 NOV

Table with columns: HKT, Hockley, 142.29, 54, ePKP, PKPdf, 00 24 04.0 -2.2, etc.

IDC 28 00:10:43.2.0, 10:69S; 118:32E, h0km, mb3.9/2, mb1 3.9/4, mb1mx3.7/18, mbtmp3.9/4, ML3.6/2, Error ellipse: s-maj=74.4km s-min=30.9km az=60.0, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like KAPI, ASAR, SONMI, MKPAR.

IDC 28 00:15:30.0.3, 10:47S; 118:92E, h0km, mb4.2/11, mb1 4.3/15, mb1mx4.2/23, mbtmp4.2/15, ML3.9/4, Error ellipse: s-maj=31.9km s-min=17.4km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WBSI, WSI, BMNI, LBFJ, etc.

IDC 28 00:20:02.0.1, 10:59S; 111:9E, h19km, mb4.7/11, mb5.0/4, mb5.2/1, ML4.5/11, Mv(B)M4.5/11, ISC 28 00:15:51.5.0, 10:52S; 0:07, 118.92E; 0:04, h10km, n31, e=0.97/27, mb4.4/12, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WBSI, WSI, BMNI, LBFJ, etc.

IDC 28 00:20:02.0.1, 10:59S; 111:9E, h19km, mb4.7/11, mb5.0/4, mb5.2/1, ML4.5/11, Mv(B)M4.5/11, ISC 28 00:15:51.5.0, 10:52S; 0:07, 118.92E; 0:04, h10km, n31, e=0.97/27, mb4.4/12, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WBSI, WSI, BMNI, LBFJ, etc.

IDC 28 00:20:02.0.1, 10:59S; 111:9E, h19km, mb4.7/11, mb5.0/4, mb5.2/1, ML4.5/11, Mv(B)M4.5/11, ISC 28 00:15:51.5.0, 10:52S; 0:07, 118.92E; 0:04, h10km, n31, e=0.97/27, mb4.4/12, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WBSI, WSI, BMNI, LBFJ, etc.

IDC 28 00:41:23.0.0, 9:36S; 119:09E, h0km, mb4.1/7, mb1 4.1/10, mb1mx3.9/21, mbtmp4.0/10, ML3.6/3, Error ellipse: s-maj=38.1km s-min=17.6km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WSI, WBSI, BMNI, LBFJ, etc.

IDC 28 00:41:23.0.0, 9:36S; 119:09E, h0km, mb4.1/7, mb1 4.1/10, mb1mx3.9/21, mbtmp4.0/10, ML3.6/3, Error ellipse: s-maj=38.1km s-min=17.6km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like WSI, WBSI, BMNI, LBFJ, etc.

1052

Table with columns: MJAR, Matsuhiro Arr, 50.26, 20, P, 00 50 19.5 -1.0, etc.

NEIC 28 00:52:21.9, 15:63N; 61:44W, h12km, MD3.6(TRN), After TRN

NEIC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

IDC 28 00:52:21.9, 15:63N; 61:44W, h10km, MD3.6, M3.3(FDF), 7C, Leward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC, and station names like TBG, MGG, MDN, MDN, etc.

Table with columns: FITZ, MBWA, MBWA, KNRA, GIRL, KDU, MEEK, KKM, WRA, WRA, WRA, WRAB, MORW, AS31, ASAR, ASAR, ASAR, ASAR, KLB, NWAO, NWAO, NWAO, NWAO, COEN, PMG, CTAO, STKA, CMAR, CMAR, CMAR, CMAR, HOSB2, HOSB3, HOSB1, KSAR, KSRS, MAJ, MAJ, SONM, SONM, KBL, KBL, MK31, MKAR, MKAR, MKAR, TKM2, AAK, AAK, EKS2, KURB2, KURB, ZALV, ZALV, PETK, PETK, BVAR, BVAR, ABKAR, TORD, TORD, TORD

NIED 28 01:26:00, 40.00N, 144.60E, h5km, Mw3.9 Best double couple: Mo: 7.2000x10^14 NP1: 20.0400000, 873.000000, lambda: 85.000000, NP2: 6.000000, lambda: 107.000000, IDC 28 01:26:31.7, 0.7, 39.87N, 144.89E, h0km, mb3.7/1.4, mb1 3.9/1.7, mb1mx3.9/2.9, mbtmp3.7/1.7, ML3.3/3.5, MS2.7/2, Ms1 2.7/2, ms1mx2.3/4.8, Error ellipse: s-maj=17.9km s-min=17.4km az=174.0

ISCJB 28 01:26:34.9, 0.5, 39.99N, 0.03, 144.66E, 0.04, h32km, mb3.7/1.4, Error ellipse: s-maj=5.5km s-min=3.8km az=139.9

JMA 28 01:26:36.0, 0.2, 40.05N, 144.59E, h42km, M4.0 ISC 28 01:26:36.5, 0.7, 39.99N, 0.05, 144.76E, 0.06, h32km, n36, o169/52, mb3.7/1.4, Off east coast of Honshu

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

Table with columns: SONM, ZALV, ZALV, MKAR, ILAR, KURB, BVAR, YKA, WRA, WRA, ASAR, FINES, NVAR, PDAR, TXAR

MEX 28 01:41:58.1, 5.0, 13.67N, 92.89W, h17km, 1.7km, MD4.6 NEIC 28 01:41:58.1, 13.2, 13.67N, 92.89W, h17km, mb4.8/6.0, MD4.6(MEX), After MEX, ISCJB 28 01:42:00.2, 0.2, 14.01N, 0.03, 92.32W, 0.04, h33km, mb4.9/4, MS4.2/22, Error ellipse: s-maj=6.2km s-min=3.4km az=137.2

CASC 28 01:42:01.2, 3.0, 13.85N, 92.67W, h25km, 999km, MD4.6 MOS 28 01:42:01.0, 1.0, 14.17N, 92.29W, h33km, mb4.9/25, Error ellipse: s-maj=14.3km s-min=5.8km az=109.2

GCMT 28 01:42:01.9, 0.4, 13.90N, 92.98W, h13km, 1km, MW4.8, Moment Tensor Solution, s22, c22, s61, c77, Moment tensor: Scale 10^19Nm, Mrr1.37e-11, Mss-0.91e-07, Mtt-0.46e-06, Mno.70e-16, Mso.0.37e-04, Mto.0.02e-18, Mst.0.000000, Mnt.1.700e-10, NPl1: 1.35e000000, s67.000000, i99.000000, NP2: 292.000000, s25.000000, i69.000000, Principal axes: T 1.8700, Plg67.000000, Azm62.000000; N -0.3200, Plg9.000000, Azm31.000000; P -1.5400, Plg21.000000, Azm218.000000; Data Used: II CU CN IUIJ G Surface wave period 40 sec.

BUL 28 01:42:05.1, 14.20N, 92.30W, h52km, mb5.3/6, Ms5.3/2, Ms7.4/9.2

IDC 28 01:42:07.3, 2.1, 14.18N, 92.22W, h80km, 18km, mb4.1/19, mb1 4.2/23, mb1mx4.1/30, mbtmp4.1/23, MS4.1/23, Ms1 4.1/23, ms1mx3.9/44, Error ellipse: s-maj=20.1km s-min=9.7km az=56.0

ISC 28 01:42:08.1, 1.0, 13.97N, 0.06, 92.62W, 0.06, h49km, 86km, n624, i1834/627, mb4.7/94, MS4.2/22, 191C-183D, Off coast of Chiapas

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

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

Table with columns: 529A, TXAR, TXAR, WHTX, 430A, 332A, 429A, 528A, 331A, 626A, 232A, 135A, 527A, 330A, 428A, 134A, 526A, 231A, TIGA, 133A, 329A, 320A, LPIG, 427A, OTAV, ABTX, ABTX, LRAL, 426A, 328A, 325A, 229A, 234A, 131A, 233A, 130A, 326A, ROSC, ROSC, 232A, 425A, 129A, Y34A, Z31A, 227A, MIAR, MIAR, MIAR, 128A, OXF, OXF, OXF, Y33A, 325A, 320A, Y32A, 226B, Z29A, 324A, 324B, 127A, X34A, Y31A, GD12, X33A, MNTX, 228A, Y30A, 225A, X32A, 126A, WMOK, WMOK, Y29A, 227A, 224A, 125A, X31A, W34A, Y28A, X30A, W33A, Z26A, W32A, M31X, M31X

28d 1h

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like X29A Tulia, SWET Sewanee, Y27A Causey, etc.

2009 NOV

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like X21A Alamocita Cree, S30A Montezuma, TUC Tucson, etc.

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Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like O26A Horse Wrangler, M31A Lambrecht Ranc, P23A Jefferson, etc.



Table with 13 columns: Name, Location, Date, Time, Status, and other identifiers. Includes entries like PDAR Pinedale Array, BW06 Boulder Array, G27A Dupree, etc.

Table with 13 columns: Name, Location, Date, Time, Status, and other identifiers. Includes entries like A29A Manning Farm, B25A Knox Farm, C23A Lambert, etc.

Table with 13 columns: Name, Location, Date, Time, Status, and other identifiers. Includes entries like ILAR, MCK McKinley, COLA College, etc.

28d 1h

IPM ipoh 157.21 323 ePKPdf PKPdf 02 01 54.4 -0.2  
IPM PKPab 02 02 25.9 +0.5

ISCJB 28 01:47:56.1±0.6, 16.85N±0.06, 122.04W±0.07, h10km,  
mb4.3/44, Error ellipse: s-maj=10.0km s-min=6.7km  
az=144.1  
IDC 28 01:47:58.3±1.0, 17.09N±121.81W, h0km, mb4.2/14,  
mb1.4/415, mb1.1/mv4.2/28, mbtmp4.2/15, ML 3.3/1, Error  
ellipse: s-maj=30.7km s-min=16.6km az=78.0  
NEIC 28 01:47:59.1±0.4, 16.95N±121.90W, h10km, mb4.5/41,  
Error ellipse: s-maj=11.0km s-min=6.4km az=84.0  
ISC 28 01:47:59.2±0.7, 17.00N±0.09, 121.9W±0.1, h10km, n261,  
c0886/257, mb4.5/41, 82C-88D, North Pacific Ocean

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Rows include BAR Barrett, MONP Monument Peak, SWSC Sam W. Stewart, etc.

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Table with columns: Station Name, Time, Res. Rows include 428A Kincaid Ranch, 529A Steve Forest Ra, 0HCM Houcut, etc.

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Table with columns: Station Name, Time, Res. Rows include Y31A Rekieta Farm, R24A Sanders Place, T26A Comanche Natio, etc.

Table with columns: BRTR, Keskin Array B, 119.13 21 PKP, PKPdf, 02 06 48.7 -0.4

Table with columns: GUR, Goura, 2.37 257 P, Pn, 01 49 59.8 +0.5

Table with columns: MKAR, Makanchi Array, 150.40 39 PKPbc, PKPbc, 02 16 2d +0.1

ISK 28 01:49:18.1, 38.46N, 25.18E, h4km, ML3.4

CSEM 28 01:49:20.2, 0.1, 38.48N, 25.23E, h5km, ML3.0/10, Error ellipse: s-maj=2.9km s-min=2.1km az=170.0

ISCJJB 28 01:49:20.5, 0.8, 38.51N, 02:25:26E, 0.02, h12km, gkm, Error ellipse: s-maj=2.9km s-min=2.1km az=169.5

ATH 28 01:49:20.5, 38.51N, 25.28E, h32km, 1km, ML3.0

THE 28 01:49:22.2, 38.51N, 25.35E, h27km, 1km, ML3.0/10, Error ellipse: s-maj=1.9km s-min=0.5km az=130.0

DDA 28 01:49:28.0, 38.61N, 25.99E, h6km, MD3.7

ISC 28 01:49:20.4, 1.1, 38.50N, 02:25:26E, 0.02, h11km, gkm, n197, c1900/232, Aegean Sea

Main table listing station names, coordinates, and phases for various stations like CHOS, SGR, SIGR, etc.

Main table listing station names, coordinates, and phases for various stations like GUR, RDO, KALE, etc.

DC 28 02:00:52.8, 1.7, 10.74S, 166.63E, h0km, mb4.0/8, mb1 4.2/8, mb1mx4.0/19, mbtmpr4.0/8, MS3.6/6, Ms1 3.6/6, ms1mx2.3/32, Error ellipse: s-maj=74.2km s-min=21.8km az=11.0

ISCJJB 28 02:00:56.3, 0.5, 10.95S, 0.1, 166.66E, 0.09, h35km, mb4.2/15, MS3.6/5, Error ellipse: s-maj=17.3km s-min=11.0km az=155.5

NEIC 28 02:00:58.5, 0.5, 10.66S, 166.54E, h35km, mb4.5/9, Error ellipse: s-maj=24.2km s-min=7.7km az=140.0

ISC 28 02:00:57.8, 0.7, 10.8S, 02:26:17E, 0.1, h35km, n39, c049/24, mb4.2/15, MS3.5/5, Santa Cruz Islands

Main table listing station names, coordinates, and phases for various stations like MSVF, PMS, EIDS, etc.

DJA 28 02:15:67.0, 6.0, 13.3S, 6.12E, h54km, 47km, M4.7/8, mb5.1/5, mb4.5/8, MLV4.9/7, MwJmB4.5/5

DC 28 02:16:21.6, 1.1, 10.14S, 119.25E, h0km, mb4.0/5, mb1 3.9/7, mb1mx3.8/19, mbtmpr3.9/7, ML3.4/2, MS2.7/1, Ms1 2.7/1, ms1mx2.4/26, Error ellipse: s-maj=50.1km s-min=20.5km az=69.0

ISCJJB 28 02:16:24.4, 0.5, 10.74S, 0.04, 119.16E, 0.07, h33km, mb4.0/5, Error ellipse: s-maj=9.5km s-min=4.9km az=165.7

AUST 28 02:16:26.7, 10.99S, 118.95E, h35km, ISC 28 02:16:25.2, 0.7, 10.73S, 0.06, 119.23E, 0.06, h35km, n24, c227/24, mb4.0/5, Tumba region

Main table listing station names, coordinates, and phases for various stations like WBSI, WSI, LBFI, etc.

28d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint Kitts, Tortola, Saint Thomas, Monte Pirata, Col San Antoni, Canovanas, Canovanas, San Juan, Cabo Rojo, PR.

JMA 28 02:21:06.0-0.2, 25.56N x 124.91E, h0km, M3.6, Northeast of Taiwan. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Miyako jima 2, Gusukube, Tarama, Ishigaki jima, Kuro-shima.

DDA 28 02:28:17.4, 37.95N-26.65E, h7km, MD2.8, Dodecanese Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G'zelcam?, Tasoluk, Akhisar.

CSEM 28 02:30:17.5, 45.62N-26.55E, h136km, MD3.1/6, After BUC. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Plostina, Vrincoiaia, Muntele Rosu, Petresti, Pogonele, Dopca, Tescani, Sulr, Voir, Carcaliu, Harsova, Leoma, Topalu, TBL, HUMR, TIRR, MSAB.

BUC 28 02:30:17.5-0.9, 45.62N-26.55E, h136km, MD3.1/6, 27C-15D, Rorania ellipse: s-maj=5.8km s-min=5.6km az=358.0, Rorania. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Plostina, Vrincoiaia, Muntele Rosu, Petresti, Pogonele, Dopca, Tescani, Sulr, Voir, Carcaliu, Harsova, Leoma, Topalu, TBL, HUMR, TIRR, MSAB.

ISCJB 28 02:33:46.3-0.3, 26.80N-126.20E-0.06, h145km, 5km, mb3.6/13, Error ellipse: s-maj=12.0km s-min=3.9km az=139.6

JMA 28 02:33:48.1-0.3, 26.81N-126.18E, h138km, M3.9, IDC 28 02:33:52.3-2.7, 26.95N-126.28E, h184km, 26km, mb3.4/13, mb1 3.5/15, mb1mx3.4/29, mb1mx3.9/15, Error ellipse: s-maj=20.6km s-min=13.7km az=65.0

ISC 28 02:33:47.6-0.8, 26.83N-126.19E-0.06, h142km, 8km, n32, -1829/47, mb3.6/13, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kume jima 2, Aguni-jima, Tamagusuku 2, Itheya, Kunigami, Miyako jima 2, Gusukube, Tarama.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tokunoshima, Amaminishikomi, Ishigaki jima, Kuro-shima, Iriomote-Funau, Amami Oshima, Yonaguni jima, Nakanoshima, Minamidaito 2, Nakatsue, Korea Array, Songino Array, Chiang Mai Arr, Makanchi Array, Zalesovo Beam, Kurchatov Arr, Warramunga Arr, Borovoye Array, Alice Springs, Stephens Creek, Eielson Array, Fines Feinling Array, Keskin Array, Yellowknife Arr.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, Hsinchu, Liyutan, Sanyi, Hungye, Sun Moon Lake, Suanglung, Yuchr, Taichung, Yuli, Mingjing, Yu-Shan, Alishan, Tsaoling, Chengkung, Gugeng, Iriomote-Funau, Ta-ch'eng, Hatj, Minshung, Ta-pu, Chiayi, Pingang, Nanshan, Yung-k'ang, Shoushan, Anshuo, Penghu, Tarama, Fangliang, Hengchun, Kume jima 2, Kusigami, Nakatsue, Korea Array, Songino Array, Makanchi Array, Zalesovo Beam, Palkelele, Erksay, Coen, Warramunga Arr.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, Hsinchu, Liyutan, Sanyi, Hungye, Sun Moon Lake, Suanglung, Yuchr, Taichung, Yuli, Mingjing, Yu-Shan, Alishan, Tsaoling, Chengkung, Gugeng, Iriomote-Funau, Ta-ch'eng, Hatj, Minshung, Ta-pu, Chiayi, Pingang, Nanshan, Yung-k'ang, Shoushan, Anshuo, Penghu, Tarama, Fangliang, Hengchun, Kume jima 2, Kusigami, Nakatsue, Korea Array, Songino Array, Makanchi Array, Zalesovo Beam, Palkelele, Erksay, Coen, Warramunga Arr.

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

IDC 28 03:14:42.0.3.3, 15:12Sx173.59W, h0km, mb3.5/4,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AF1 Afiamalu, AF111, H11S2, etc.

IDC 28 03:16:13.3:60.0, 13:11Sx166.96E, h0km, mb3.9/3,

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

GUC 28 03:49:57.0.5.0, 28:61S:67:38W, h55km, ML3.8, 3C, La

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CPCH Copiapo, VACH Vallendar, etc.

ISK 28 03:54:44.3, 38:91N:42:55E, h4km, MD2.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TATV Tatvan, EKAR Karacoban, etc.

ISC 28 03:54:45.0.0.3, 38:87N:02:42:58E, h0.4, h4km, 5km,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TATV Tatvan, EKAR Karacoban, TUTA Tutak, etc.

ISC 28 03:54:45.0.0.3, 38:88N:02:57E, h7km, MD2.9

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TATV Tatvan, EKAR Karacoban, TUTA Tutak, etc.

ISC 28 03:56:36.1.0.3, 39:12N:29:07E, h9km, MD3.1

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TVSB Tavsanli, TVSB Tavsanli, DURS Dursunbey, etc.

IDC 28 04:18:02.0.3, 36:04N:21:90E, h5km, 3km, MD3.5/18

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TVSB Tavsanli, KHAL Karahalli, KHL Karahalli, etc.

THE 28 04:18:03.7, 36:09N:21:98E, h0km, 2km, ML3.0/4, Error

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TVSB Tavsanli, KHAL Karahalli, KHL Karahalli, etc.

CSEM 28 04:18:04.0.0.5, 36:07N:22:02E, h2km, ML3.0/4, Error

ISC 28 04:18:03.0.1, 6.38:07N:0.05:21.94E:0.05, h10km, 10km,

n57, 0:8874, Southern Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PYL PYLOS, KYTH Kithira, etc.

ATH 28 04:24:52.9.1.1, 35:35N:27:37E, h0km, mb3.4/3,

mb1 3.4/7, mb1mx3.4/20, mbtm3.3/7, ML3.0/3, Error

ISK 28 04:24:53.9, 35:58N:27:16E, h1km, MD3.3

DDA 28 04:24:53.9, 35:63N:27:38E, h0km, MD3.2

ISCJB 28 04:24:55.0.0.6, 35:53N:0.03:27:31E:0.03, h17km, 5km,

mb3.2/3, Error ellipse: s-maj=5.8km s-min=2.9km

ATH 28 04:24:55.3, 35:65N:27:18E, h17km, 1km, MD3.5/19

THE 28 04:24:56.8, 35:58N:27:32E, h10km, 2km, ML3.0/1, Error

CSEM 28 04:24:56.0.0.1, 35:54N:27:29E, h15km, MD3.5, Error

HLW 28 04:25:02.3, 35:12N:27:17E, h11km, 2km, MD3.5, M15.2

ISC 28 04:24:55.4:0.9, 35:54N:0.04:27:28E:0.02, h16km, 6km,

n141, 0:1816/178, mb3.4/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

28d 4h

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

IDC 28 04:24:52.9.1.1, 35:35N:27:37E, h0km, mb3.4/3,

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

ISCJB 28 04:24:55.0.0.6, 35:53N:0.03:27:31E:0.03, h17km, 5km,

mb3.2/3, Error ellipse: s-maj=5.8km s-min=2.9km

ATH 28 04:24:55.3, 35:65N:27:18E, h17km, 1km, MD3.5/19

THE 28 04:24:56.8, 35:58N:27:32E, h10km, 2km, ML3.0/1, Error

CSEM 28 04:24:56.0.0.1, 35:54N:27:29E, h15km, MD3.5, Error

HLW 28 04:25:02.3, 35:12N:27:17E, h11km, 2km, MD3.5, M15.2

ISC 28 04:24:55.4:0.9, 35:54N:0.04:27:28E:0.02, h16km, 6km,

n141, 0:1816/178, mb3.4/3, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

28d 4h

2009 NOV

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Table of satellite data for 28d 4h, listing stations like SMG Samos, ELL Elmalı, AYDB Zeytinokoy-Aydi, etc., with columns for Code, Station Name, Az, El, Phase ID, Time, Res, and ISC.

Table of satellite data for 2009 NOV, listing stations like KAPI, GMJI Gumulkas, BLJI Banyuglugur, KMMI Kailiange, etc., with columns for Code, Station Name, Az, El, Phase ID, Time, Res, and ISC.

Table of satellite data for 1060, listing stations like CMAR Chiang Mai Arr, CMAR Chiang Mai, CMAT Chiang Mai, etc., with columns for Code, Station Name, Az, El, Phase ID, Time, Res, and ISC.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like GTA, MDJ, USRK, ULN, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KMBO, TIXI, ARU, GNI, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like CPUP, ROSC, PTGA, etc.

IDC 28 04:32:37.9, 0.2, 21.485, 176.61W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/1.7, mbmtpp3.5/2, Error ellipse: s-maj=193.0km s-min=22.3km az=154.0, Fiji Islands region

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

IDC 28 04:35:32.0, 0.5, 15.64S, 75.02W, h0km, mb4.7/20, mb1 4.8/23, mb1mx4.8/27, mbmtpp4.7/23, ML3.9/3, MS4.4/16, Ms=1.4/16, ms1mx1.4/19, Error ellipse: s-maj=22.1km s-min=12.7km az=47.0

ISCJTB 28 04:35:36.7, 0.2, 15.65S, 75.05W, h0.4, h43km, mb5.1/120, MS4.2/17, Error ellipse: s-maj=7.4km s-min=3.7km az=42.5

MOS 28 04:35:36.1, 1.1, 15.57S, 75.10W, h33km, mb5.3/25, Error ellipse: s-maj=11.5km s-min=7.4km az=116.0

NEIC 28 04:35:38.4, 0.6, 15.68S, 74.99W, h46km, 5km, mb5.1/78, Error ellipse: s-maj=7.8km s-min=4.2km az=54.0

NEIC Fell [I] at Ica and Palpa. GCMT 28 04:35:38.5, 0.3, 15.78S, 75.32W, h21km, 1km, MW5.1, Moment Tensor Solution: s44, c54, s71, c105, Moment Tensor: Scale 1019Nm, M1=3.67E+20; M2=0.37E+21; M3=3.20E+20; M4=3.20E+20; M5=1.30E+19; M6=1.36E+08; M7=4.33E+32; Best double couple: M5:9.0000E+10, NP1=162.0000E+07, 0.70.0000E+0, A93.0000E+0, NP2=335.0000E+0, 820.0000E+0, A83.0000E+0. Principal axes: T: 5.7500, Plg65.0000, Azm77.0000; N: 0.2000, Plg2.0000, Azm341.0000; P: -5.9600, Plg25.0000, Azm250.0000; Data Used: II IU CU G CN IC. Surface wave period 40 sec.

Bull 28 04:35:40.9, 15.70S, 74.90W, h52km, mb5.4/19, MS5.6/15, M57 5.3/16

ISC 28 04:35:38.6, 0.6, 15.75S, 75.05W, h0.06, h48km, 4km, mb4.2/12, mb1 4.2/12, mb1mx4.2/12, mbmtpp4.2/12, MS4.5/17, 179C-202D, Near coast of Peru

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

229A	baz=54,SNR=18 Bryant Ranch, baz=54	53.94 332	↑P	P	04 44 57.7 +0.1
PARMO Y34A	Parma Reagan Ranch, baz=54,SNR=8.6	53.95 345 53.90 337	eP ↑P	P	04 44 55.4 -2.1 04 44 57.8 +0.1
Z32A	Haskell baz=54	54.07 335	↑P	P	04 44 58.7 +0.2
130A	Snyder baz=54,SNR=7.4	54.09 333	↑P	P	04 44 58.5 -0.2
Y33A	Hilltop Ranch, baz=55	54.34 336	↑P	P	04 45 00.2 -0.3
Z31A	Sharp Cattle R baz=55,SNR=11	54.36 334	↑P	P	04 45 00.3 -0.3
228A	UT Block 9, Go baz=55,SNR=5.8	54.42 331	↑P	P	04 45 01.2 0.0
326A	Caldwell Ranch baz=55,SNR=12	54.42 329	↑P	P	04 45 01.4 +0.2
425A	Indio Mountain baz=55,SNR=14	54.50 328	↑P	P	04 45 02.2 +0.4
129A	Stewart Farms, baz=55	54.52 332	↑P	P	04 45 01.9 +0.1
X34A	Smith Ranch, M baz=55,SNR=11	54.56 337	↑P	P	04 45 01.7 -0.3
Y32A	R-V Farms, Ver baz=55	54.66 335	↑P	P	04 45 02.8 0.0
227A	Bennet, Jal baz=55	54.66 330	↑P	P	04 45 03.5 +0.6
Z30A	Sanderson Ranch baz=55,SNR=19	54.75 333	↑P	P	04 45 02.9 -0.6
X33A	Lawton baz=55	54.76 336	↑P	P	04 45 03.0 -0.4
128A	Castleberry Fa baz=55,SNR=8.9	54.80 332	↑P	P	04 45 03.9 0.0
SDMD	Soldier's Deli comp=Z,130nm,1.6s	54.90 358	eP	P	04 45 04.1 -0.3
325A	Sean Ranch, Si baz=55,SNR=17	54.96 329	↑P	P	04 45 05.6 +0.4
Y31A	Rikieta Farm, baz=55,SNR=8.9	54.96 334	↑P	P	04 45 04.5 -0.5
X32A	Elmer baz=55	54.97 336	↑P	P	04 45 05.0 +0.1
Z29A	Hungry Hill Ra baz=55	54.98 333	↑P	P	04 45 05.1 -0.1
TUL1	Tulsa comp=Z,57nm,1.0s	55.00 339	eP	P	04 45 04.2 -1.0
TUL1	Tulsa comp=Z,57nm,1.0s	55.00 339	↑P	P	04 45 04.4 -0.7
WMOK	Wichita Mounta WMOK	55.04 336	eP	pmax	04 45 04.5 -1.1
WMOK	Wichita Mounta comp=Z,17nm,1.4s	55.04 336	eP	P	04 45 04.5 -1.1
W34A	Bridge Creek, baz=55	55.10 337	↑P	P	04 45 05.9 0.0
226B	Tecolote Peak, baz=55,SNR=15	55.14 330	↑P	P	04 45 06.7 +0.4
Y30A	Stafford Catti baz=55	55.16 334	↑P	P	04 45 06.5 +0.1
Z17A	Arkansas Junct baz=55,SNR=8.3	55.25 331	↑P	P	04 45 07.3 +0.2
324A	Moseley Ranch, baz=55,SNR=11	55.28 328	↑P	P	04 45 06.9 -0.5
W33A	Caddo, Fort Co baz=56,SNR=12	55.29 337	↑P	P	04 45 07.6 +0.3
Z28A	Tucker Farm, M baz=56	55.31 332	↑P	P	04 45 07.4 -0.1
X31A	McDonald Ranch baz=56,SNR=8.7	55.43 335	↑P	P	04 45 08.4 +0.1
Y29A	Porterfield Fa baz=56,SNR=8.3	55.48 333	↑P	P	04 45 08.7 0.0
225A	Deer Hill, Car baz=56,SNR=16	55.49 329	↑P	P	04 45 08.9 -0.1
126A	Clayton Basin, baz=56,SNR=11	55.53 330	↑P	P	04 45 09.6 +0.4
V34A	Guthrie baz=56,SNR=6.5	55.54 338	↑P	P	04 45 08.3 -0.8
W32A	Seniuel baz=56,SNR=17	55.56 336	↑P	P	04 45 08.7 -0.6
X30A	Coker Ranch, T baz=56	55.64 334	↑P	P	04 45 09.5 -0.3
Z27A	Tatum baz=56,SNR=12	55.71 331	↑P	P	04 45 10.0 -0.5
Y28A	McKinney Farm, baz=56,SNR=7.1	55.77 333	↑P	P	04 45 10.6 -0.3
224A	Cornudas Runch baz=56,SNR=20	55.81 329	↑P	P	04 45 11.3 +0.1
V33A	Lossen Ranch, baz=56,SNR=6.7	55.81 337	↑P	P	04 45 11.0 0.0
125A	Gardner Draw, baz=56,SNR=9.7	55.85 330	↑P	P	04 45 11.5 0.0
W31A	Holland Ranch, baz=56	55.90 335	↑P	P	04 45 11.8 +0.1
X29A	Tulia baz=56,SNR=9.4	55.99 333	↑P	P	04 45 12.1 -0.3
V32A	Arapaho baz=56	56.01 336	↑P	P	04 45 12.5 +0.1
Z26A	Caprock baz=56,SNR=6.1	56.03 331	↑P	P	04 45 13.0 +0.3
MSTX	Muleshoe comp=Z,23nm,1.2s	56.06 332	eP	P	04 45 11.7 -1.2
MSTX	Muleshoe baz=56,SNR=8.7	56.06 332	↑P	P	04 45 12.6 -0.3
U34A	Anderson Ranch baz=56,SNR=5.5	56.08 338	↑P	P	04 45 13.0 0.0
Y27A	Causey baz=56,SNR=14	56.18 332	↑P	P	04 45 13.6 -0.1
ACS0	Alum Creek Sta comp=Z,47nm,1.0s	56.18 353	eP	P	04 45 12.2 -1.4
X28A	Dimmitt baz=56	56.27 333	↑P	P	04 45 14.0 -0.4
124A	Stringfield Ra baz=56,SNR=8.2	56.27 329	↑P	P	04 45 15.4 +0.7
V31A	Spring Creek L baz=57	56.37 336	↑P	P	04 45 15.4 +0.3
Z25A	Roswell baz=57,SNR=12	56.39 330	↑P	P	04 45 15.1 -0.2
222A	Williams Famil baz=57,SNR=8.3	56.63 327	↑P	P	04 45 18.1 +1.0
RKT	Rikitea comp=Z,461nm,26.5s	56.66 252	eS	L	04 53 06.5 -0.1
RKT	comp=Z,673nm,28.0s	56.66 252	eLR	SR	05 01 43.3
RKT	Rikitea comp=Z,3.5nm,0.2s	56.70 335	↑P	T	05 06 28.7
V30A	Spur Ranch, Mi baz=57	56.70 335	↑P	P	04 45 18.1 +0.6
Z24A	Sheeppen Canyo baz=57,SNR=19	56.74 330	↑P	P	04 45 17.6 -0.4
320A	Kipp Ranch, An baz=57	56.79 331	↑P	P	04 45 19.1 +0.8
Y25A	Mesa, Roswell baz=57,SNR=12	56.90 326	↑P	P	04 45 18.8 -0.2
SFIN	Scholer Farm comp=Z,64nm,1.4s	56.95 349	eP	P	04 45 16.6 -2.4
X26A	CR and CF Ran baz=57	57.01 332	↑P	P	04 45 19.7 -0.1
122A	Corniff Cattle baz=57	57.05 328	↑P	P	04 45 21.6 +1.5
Z23A	Rita Site, Whi baz=57,SNR=6.0	57.11 329	↑P	P	04 45 20.9 +0.4
220A	Playas Peak, P baz=57,SNR=14	57.23 326	↑P	P	04 45 21.7 +0.3
319A	Douglas baz=57,SNR=11	57.23 325	↑P	P	04 45 22.1 +0.7
T32A	Huddler Ranch, baz=58	57.25 337	↑P	P	04 45 21.9 +0.6
V28A	Channing baz=58	57.32 334	↑P	P	04 45 22.2 +0.3
121A	Cookes Peak, D comp=Z,18nm,1.1s	57.33 327	eP	P	04 45 21.9 -0.1
121A	Cookes Peak, D baz=58,SNR=7.9	57.33 327	↑P	P	04 45 22.6 +0.5
U30A	WK&E Inc. Balk baz=58	57.34 336	↑P	P	04 45 22.5 +0.5
X25A	Clemmons Ranch baz=58,SNR=9.1	57.38 331	↑P	P	04 45 22.3 -0.1
W26A	Owens Ranch, T baz=58	57.44 332	↑P	P	04 45 22.8 0.0
T31A	Randall Ranch, baz=58	57.46 337	↑P	P	04 45 24.0 +1.3
Z22A	Elephant Butte baz=58	57.48 328	↑P	P	04 45 24.0 +0.9
Y23A	Lovelace Mesa, baz=58	57.56 330	↑P	P	04 45 24.5 +0.8
V27A	Dan Oppiter Fa baz=58	57.59 333	↑P	P	04 45 24.0 +0.2
S32A	Newby Ranch, P	57.72 338	↑P	P	04 45 24.7 +0.2

T30A	baz=58,SNR=5.1 Plains baz=58	57.75 336	↑P	P	04 45 25.0 +0.2
X24A	Lazy VL Ranch, baz=58	57.78 330	↑P	P	04 45 25.4 +0.2
S31A	Mullinville baz=58	57.85 337	↑P	P	04 45 25.6 +0.2
U28A	Mallet baz=58,SNR=8.0	57.86 334	↑P	P	04 45 25.5 -0.2
W25A	X Bar L Ranch, baz=58,SNR=8.9	57.86 332	↑P	P	04 45 25.8 +0.1
Z21A	St. Cloud Mine baz=58,SNR=11	57.88 328	↑P	P	04 45 27.0 +1.0
R33A	Olander Ranch, baz=58	57.92 339	↑P	P	04 45 26.4 +0.5
Y22A	Socorro baz=58,SNR=7.7	58.02 329	↑P	P	04 45 27.4 +0.4
BNM	Barren Sta comp=Z,7nm,1.0s	58.02 329	eP	P	04 45 26.2 -0.8
V26A	Tequesquite Ra baz=58,SNR=8.9	58.04 333	↑P	P	04 45 27.0 0.0
T29A	Hugoton baz=58	58.14 335	↑P	P	04 45 27.8 +0.2
U27A	Thompson Grove baz=58,SNR=5.7	58.15 334	↑P	P	04 45 27.7 0.0
X23A	Hourglass Bar baz=58	58.15 330	↑P	P	04 45 27.6 -0.3
KSU1	Kansas State U comp=Z,17nm,1.3s	58.17 340	eP	P	04 45 24.8 -2.8
Z20A	Nine Sixteen R baz=58,SNR=12	58.20 327	↑P	P	04 45 28.6 +0.4
S30A	Mozzama baz=58	58.24 336	↑P	P	04 45 28.4 +0.2
R32A	Long Quarter, baz=58,SNR=10	58.28 338	↑P	P	04 45 28.5 0.0
W24A	Law Ranch, baz=58	58.29 331	↑P	P	04 45 29.6 +0.8
Y21A	Point of Rocks baz=59,SNR=10	58.43 328	↑P	P	04 45 31.2 +1.3
T28A	Walsh baz=59	58.45 335	↑P	P	04 45 29.4 -0.4
V25A	Rancho No Teng baz=59,SNR=14	58.45 332	↑P	P	04 45 29.9 0.0
R31A	Burdett baz=59,SNR=6.4	58.45 338	↑P	P	04 45 29.7 0.0
S29A	Ulysses baz=59	58.48 336	↑P	P	04 45 30.2 +0.3
LAZ	Ladron comp=Z,12nm,1.2s	58.48 329	eP	P	04 45 30.4 +0.2
Q33A	Connolly Farm, baz=59	58.48 339	↑P	P	04 45 30.3 +0.6
X22A	Bernardo baz=59	58.49 329	↑P	P	04 45 31.3 +1.1
U26A	Atchley Ranch, baz=59	58.52 333	↑P	P	04 45 30.5 +0.1
ANMO	Albuquerque comp=Z,14nm,1.1s	58.58 330	eP	P	04 45 30.9 +0.1
ANMO	Albuquerque comp=Z,14nm,1.1s, baz=149,slow=9.0,SNR=21	58.58 330	eP	P	04 45 30.7 -0.1
W23A	Werner Place, baz=59	58.60 330	↑P	P	04 45 32.2 +1.1
T27A	Campo baz=59	58.65 334	↑P	P	04 45 31.2 +0.1
V24A	Rampart Ranch, baz=59	58.65 331	↑P	P	04 45 31.4 0.0
Y20A	Horse Springs, baz=59,SNR=7.7	58.71 328	↑P	P	04 45 32.8 +1.0
Q32A	Meliter Ranch, baz=59	58.73 339	↑P	P	04 45 31.8 +0.2
R30A	Dighton baz=59,SNR=6.9	58.73 337	↑P	P	04 45 31.6 0.0
S28A	Mantle baz=59,SNR=8.0	58.76 335	↑P	P	04 45 31.5 -0.4
TUC	Tucson comp=Z,7.0nm,1.0s	58.77 325	eP	pmax	04 45 32.3 +0.2
TUC	Tucson comp=Z,7.2nm,1.0s	58.77 325	eP	P	04 45 32.3 +0.2
U25A	Circle Dot Ran baz=59,SNR=8.3	58.82 332	↑P	P	04 45 32.3 -1.0
X21A	Alamogordo Cree baz=59,SNR=14	58.83 329	↑P	P	04 45 33.7 +1.0
H09N1	TRISTAN DA CUN SNR=13	59.02 124	T		05 49 18.8
Q31A	Ellis baz=59,SNR=6.0	59.04 338	↑P	P	04 45 33.9 +0.2
V23A	Ortiz Mt. (NFS baz=59	59.09 331	↑P	P	04 45 35.0 +0.6
T26A	Comanche Natio baz=59,SNR=8.2	59.11 334	↑P	P	04 45 34.7 +0.2
R29A	Marienthal baz=59	59.18 336	↑P	P	04 45 34.8 +0.1
U24A	Moreno Valley baz=59	59.22 332	↑P	P	04 45 36.1 +0.7
Q30A	Quinter baz=59	59.32 337	↑P	P	04 45 35.8 +0.1
R28A	Tribune baz=60	59.37 336	↑P	P	04 45 35.9 -0.2
T25A	Trinidad baz=60,SNR=8.2	59.44 333	↑P	P	04 45 37.3 +0.6
S26A	Kim baz=60,SNR=20	59.44 334	↑P	P	04 45 36.7 0.0
P31A	Stockton baz=60,SNR=7.5	59.49 338	↑P	P	04 45 37.1 +0.3
Q29A	Oakley baz=60	59.52 337	↑P	P	04 45 37.7 +0.6
U23A	El Rito baz=60,SNR=8.6	59.57 331	↑P	P	04 45 38.3 +0.6
V22A	San Miguel Ran baz=60,SNR=16	59.58 330	↑P	P	04 45 38.4 +0.6
214A	Organ Pipe Nat baz=60,SNR=9.4	59.67 323	↑P	P	04 45 39.3 +1.1
R27A	Woolen Ranch, baz=60	59.72 335	↑P	P	04 45 38.9 +0.4
ASCN	Ascension comp=Z,64nm,0.8s	59.74 90	eP	P	04 45 38.6 -0.5
O32A	Brokman Farm, baz=60	59.77 340	↑P	P	04 45 39.2 +0.5
T24B	San Luis baz=60	59.90 332	↑P	P	04 45 40.2 +0.8
S25A	Robets Cordova baz=60,SNR=7.6	59.88 333	↑P	P	04 45 40.1 +0.3
U22A	Llaves baz=60,SNR=12	59.92			



1063

Table with columns: Call Sign, Locality, Frequency, Power, Direction, and other parameters. Includes stations like SHOC Shoshone, H28A Mission Ridge, K23A Bowen Ranch, etc.

2009 NOV

Table with columns: Call Sign, Locality, Frequency, Power, Direction, and other parameters. Includes stations like I17A Pilgrim Ck, E23A Ismay, G20A Bridger, etc.

28d 4h

Table with columns: Call Sign, Locality, Frequency, Power, Direction, and other parameters. Includes stations like FFC Filin Flon, NEW Newport, OD2 Odessa Site #2, etc.

28d 4h

2009 NOV

1064

Table of astronomical observations for 2009 NOV, columns include station code (e.g., WLF, ILAR), name (e.g., Waferdange, Eielson Array), time (e.g., 96.28), position (e.g., 40.09, -0.9), and other parameters.

Table of astronomical observations for 2009 NOV, columns include station code (e.g., WMQ, POO), name (e.g., Korea Array, Woujui Array), time (e.g., 150.17), position (e.g., 05.29, 22.6), and other parameters.

Table of astronomical observations for 2009 NOV, columns include station code (e.g., KKM, SPSI), name (e.g., Kota Kinabalu, Sidrap Palu), time (e.g., 10.66), position (e.g., 27.9, 0.0), and other parameters.

1065

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KMBO, BR131, BRTR, etc.

PGC 28 04:53:44.2.0.1, 49.06Nm, 129.87W, h10km, MLSn2.9/5, Mw3.5/5, 45, 253km Wsw of Pt. Hardy, Bc Vancouver Island Region, Vancouver Island region

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BPBC, HOLB, etc.

IDC 28 05:06:02.9.0.4, 15.67S; 75.04W, h0km, mb4.8/31, mb1.4/9.33, mb1mx4.8/37, mbtmp4.7/33, MLa.7/1, MS4.5/32, Ms1.4/5.32, ms1mx4.3/5.5, Error ellipse: s-maj=17.8km s-min=10.2km az=58.0

ISCJB 28 05:06:05.0.5.0.2, 15.64S; 0.04; 75.04W; 0.04, h26km, mb5.0/165, MS4.6/30, Error ellipse: s-maj=7.6km s-min=3.7km az=44.8

NEIC 28 05:06:06.1.2.5, 15.64S; 74.93W, h18km, 15km, mb5.1/121, MLa.9(ARE), Error ellipse: s-maj=7.4km s-min=4.0km az=57.0

NEIC Felt [I] at Ica and San Juan. Also felt at Nazca. MOS 28 05:06:07.8.1.2, 15.36S; 75.00W, h34km, mb5.2/31, Error ellipse: s-maj=12.9km s-min=7.0km az=118.4

BUI 28 05:06:08.6, 15.60S; 74.90W, h35km, mb5.3/16, Ms5.3/3, Ms7.5/37

GCMT 28 05:06:09.4.0.3, 15.92S; 75.36W, h24km, 1km, MW5.2, Moment Tensor Solution: s41, c48; s72, c39; Moment tensor: Scale: 10^19Nm; Mw=4.28; 21; Mw=4.28; 28; Mw=2.23; 11; Mw=3.12; 38; Best double couple: M1: 50000; 1016 NP1: 157.00000; 569.00000; A91.00000; NP2: 333.00000; 821.00000; 187.00000; W: 7.2300, P1g66.0000; Azm69.0000; N: 0.5300, P1g1.0000; Azm336.0000; P: -7.7700, P1g24.0000; Azm246.0000; Data Used: II IU CU G CN IC.

ISC 28 05:06:07.0.0.3, 15.69S; 0.05; 74.87W; 0.06, h26km, n717, c1504/708, mb5.1/165, MS4.5/30, 183C-169D, Near coast of Peru

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ARE, LAPAZ, etc.

2009 NOV

Main table with columns: ANWB, Station Name, Az, El, P, Res, Time, Res. Includes stations like Willby Bob, TEIG, etc.

28d 5h

Table with columns: Station Name, Az, El, P, Res, Time, Res. Includes stations like Balmorhea Ranc, Hilltop Ranch, etc.



Table with columns for call sign, name, frequency, mode, and other details. Includes entries like C26A Wahner Farm, G20A Bridger, B28A Dugan Ranch, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like JMTM Jette, F10A Beach Ranch, J05D Rock, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like TAM Tamarrasset, RES Resolute Bay, SUMG Summit, etc.

Table with columns for station name, coordinates, and various parameters like pPKP, PKP, etc.

NIED 28 05:39:00, 24.30N; 123.60E, h3km, Mw4.4 Best double couple: M0.560000, 1.015° NP1.3646.00000°, δ83.00000°, λ-21.00000°...

ISC 28 05:39:22.6, 0.24, 4.3N; 123.51E, h0km, mb4.2/28. m1 4.4/28, mb1mx3.4/35, mbtmp4.2/28, ML2.8/1, MS3.8/4, Ms1 3.8/4, ms1mx3.4/54, Error ellipse: s-maj=19.8km...

ISCJB 28 05:39:25.0, 0.4, 24.37N; 123.57E, 0.02, h25km, 3km, m-b4.3/45, MS3.7/3, Error ellipse: s-maj=6.4km...

JMA 28 05:39:25.1, 0.2, 24.34N; 123.58E, h20km, 3km, M4.9 JMA Felt III J1.

MOS 28 05:39:26.2, 1.1, 24.32N; 123.38E, h35km, mb4.9/9, Error ellipse: s-maj=14.7km s-min=8.0km az=111.1...

NEIC 28 05:39:27.6, 1.6, 24.39N; 123.47E, h32km, 11km, mb5.0/14, MW4.4(NIED), Error ellipse: s-maj=6.0km s-min=5.9km...

NEIC Recorded [3 JMA] on Iriomote-jima and [2 JMA] on Hateruma-jima and Ishigaki-jima.

BUI 28 05:39:29.3, 24.40N, 123.50E, h31km, mb4.7/2, mb4.4/3 ISC 28 05:39:25.0, 1.1, 24.40N; 0.05, 123.58E, 0.02, h14km, 3km, r160, 0.19/04/172, mb4.4/45, MS3.5/3, 7C, Southwestern Ryukyu Islands

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters.

Main table with columns for station name, coordinates, and various parameters like MKAR, MKAR, etc.

Table with columns for station name, coordinates, and various parameters like LPL, LPL, etc.

ISC 28 06:04:20.1, 0.1, 31.31S; 118.91E, h0km, mb5.6/33, m1 5.6/34, mb1mx3.6/34, mbtmp5.6/34, ML5.4/1, MS5.7/28, Ms1 5.7/28, ms1mx5.6/43, Error ellipse: s-maj=13.5km s-min=10.1km az=56.0...







1071

Table with columns for station call signs (MDJ, USRK, PAF, etc.), frequencies, and signal quality indicators. Includes a sub-section for '1071' at the top.

2009 NOV

Main table of station data for November 2009, listing call signs, frequencies, and signal quality across various channels.

28d 6h

Table showing signal quality and reception status over the last 28 days and 6 hours, listing call signs and associated metrics.





28d 6h

Table with columns for name, location, date, and status. Includes entries like LPL La Plagne, MBDF Montbardon, RES Resolute Bay, etc.

2009 NOV

Table with columns for name, location, date, and status. Includes entries like Saint Martin d'Esparras, MOC2 Callahan, J04D Umpqua Nationa, etc.

1074

Table with columns for name, location, date, and status. Includes entries like LIC Lamto, LIC Lamto, LIC Lamto, etc.



Table with columns: JCT, comp, Station Name, Az, El, SNR, and various status indicators (LR, PKP, etc.). Rows include stations like Junction City, Reagan Ranch, Richland Sprin, etc.

Table with columns: LPAZ, PKPbc, PKIKP, and various status indicators. Rows include stations like San Ignacio, Atahualpa, JuntasAbangare, etc.

Table with columns: FITZ, FITZroy Crossi, FITZ, MBWA, KNRA, MTN, GIRL, KDU, KSM, MEEK, WRA, WRAP, MORW, ASAR, NWAO, IPM, PSI, CMAR, PALK, ODAN, ODAN, TAPN, RAMM, JIRN, GUN, PKI, DMN, DMN, KKN, MJAR, MJAR, BJT, GKN, GKN, KOLN, KOLN, DAN, DAN, DAN, PYUN, PYUN, USRK, ULN, SONM, SONM, SONM, KBL, KBL, MK31, MKAR, MKAR, MKAR, MKAR, KZA, TKM2, UCH, AAK, AAK, AAK, AML, EKS2, USP, KKAR, KURBB, KURBB, KURK, ZALV, ZALV, BVAR, BVAR, BVAR, BVAR, AKTO, AKTO, AKTO, KBZ, KBZ, LSZ.

Table with columns: BRTR, Keskin Array B, 93.25 310, P, P, 06 31 11.1 +1.0, etc.

Table with columns: mb4.4/20, MS4.9/1, Error ellipse: s-maj=4.9km, s-min=3.7km, az=149.3, etc.

Table with columns: 21m,0.7s, GUN Gumba, 50.04 321 eP, P, 06 44 54.8 -0.6, etc.

Table with columns: ISCBJ 28 06:25:20.1-0.4, 10.77S:0.03:119.11E:0.04, h27km, mb4.2/11, Error ellipse: s-maj=6.3km s-min=4.3km, az=171.9, etc.

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

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

Main table of station data for the first section, including stations like WSI Waingapu, BMNI Bima, LBF1 Labuhan Bajo, etc.

Main table of station data for the second section, including stations like WSI Waikabubak, WBSI Waingapu, BMNI Bima, etc.

Main table of station data for the third section, including stations like VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA1 Neumayer-Watz, etc.

Table with columns: IDC 28 06:27:59.7, 1.8, 10.63S:118.55E, h0km, mb3.8/6, mb1.3/8.8, mb1mx3.7/19, mbtmp3.7/8, ML3.5/2, Error ellipse: s-maj=68.3km s-min=24.7km az=52.0, etc.

Table with columns: IDC 28 06:28:04.2, 1.5, 10.75S:0.3:118.7E:0.3, h51km, mb3.9/6, Error ellipse: s-maj=61.2km s-min=14.3km az=142.4, etc.

Table with columns: ISCBJ 28 06:28:04.2, 1.5, 10.75S:0.4:118.7E:0.5, h51km, n8, az=55/8, mb3.9/6, South of Sumbawa

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Pinedale Array, Pinedale Array, Pinedale Array, etc.

ISCJB 28 07:01:55.9; 1.0, 24.075; 0.09x176.6W; 0.2, h43km, mb4.3/9, Error ellipse: s-maj=24.0km s-min=7.9km az=26.1

ISC 28 07:02:06.2; 2.9, 24.155; 176.87W, h109km, 23km, mb4.0/8, mb1.4/1.0, mb1mx3.8/23, mbtmp4.0/10, MS4.2/1, Ms1.4/2.1, ms1mx3.6/30, Error ellipse: s-maj=39.4km s-min=19.9km az=116.0

NEIC 28 07:02:08.0; 1.4, 21.185; 176.74W, h134km, 11km, mb4.3/5, Error ellipse: s-maj=16.8km s-min=10.2km az=125.0

ISC 28 07:01:58.7; 0.8, 24.065; 0.10x176.7W; 0.2, h43km, n36, c094/37, mb4.2/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MSVF, AF, AFI, AFI, AFI, etc.

ISC 28 07:20:38.6; 1.0, 49.96N; 78.75E, h0km, mb1.3/1/3, mb1mx3.0/30, mbtmp3.1/3, ML3.1/3, Error ellipse: s-maj=22.2km s-min=8.2km az=43.0, Eastern Kazakhstan

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MKAR, I46RU, ZALV, ZALV, ZALV, etc.

ISC 28 07:22:54.0; 17.0, 15.315; 174.80W, h94km, 48km, mb3.2/2, mb1.3/4.3, mb1mx3.2/18, mbtmp3.2/3, Error ellipse: s-maj=56.77km s-min=35.3km az=28.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LPAZ, LPAZ, TXAR, TORD, TORD, etc.

ISC 28 07:25:35.2; 3.1, 0.37N; 123.91E, h214km, 31km, mb3.5/10, mb1.3/7.12, mb1mx3.5/24, mbtmp3.5/12, Error ellipse: s-maj=29.7km s-min=11.8km az=64.0

ISCJB 28 07:25:38.1; 0.6, 0.17N; 0.07x123.6E; 0.1, h264km, mb3.6/10, Error ellipse: s-maj=16.5km s-min=9.4km az=6.7

DJA 28 07:25:40.0; 0.8, 0.06; 102.14E, h184km, 6km, M4.0/7, mb4.3/3, MLV3.9/7

ISC 28 07:25:39.0; 0.7, 0.11N; 108.123E; 0.1, h264km, n22, c1569/19, mb3.7/10, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KMSI, LUWI, LUWI, MRSI, etc.

DJA 28 07:40:47.0; 1.4, 11.1; 13.119E, h10km, M4.0/7, mb4.3/2, mb4.7/1, MLV3.8/7, Mw(mb)3.9/1, Sumba region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WBSI, WSI, WSI, etc.

NAO 28 07:43:30.8; 1.4, 67.55N; 33.71E, ML2.7, HEL 28 07:43:30.0; 0.4, 67.64N; 33.91E, h0km, ML2.0, Explosion CSEM 28 07:43:30.0; 0.6, 67.58N; 33.60E, h1km, ML2.7, Error ellipse: s-maj=12.6km s-min=8.1km az=83.0, Mining explosion.

ISC 28 07:43:31.2; 2.8, 67.85N; 33.92E, h0km, mb1.3/4.4, mb1mx3.1/29, mbtmp3.4/4, ML2.9/4, Error ellipse: s-maj=29.8km s-min=11.8km az=68.0

ISC 28 07:43:29.4; 1.9, 67.55N; 0.04x33.80E; 0.10, h0km, n29, c1944/49, Baltic States - Belarus - Northwestern Russia

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

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

ISC 28 07:22:54.0; 17.0, 15.315; 174.80W, h94km, 48km, mb3.2/2, mb1.3/4.3, mb1mx3.2/18, mbtmp3.2/3, Error ellipse: s-maj=56.77km s-min=35.3km az=28.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like LPAZ, LPAZ, TXAR, TORD, TORD, etc.

ISC 28 07:25:35.2; 3.1, 0.37N; 123.91E, h214km, 31km, mb3.5/10, mb1.3/7.12, mb1mx3.5/24, mbtmp3.5/12, Error ellipse: s-maj=29.7km s-min=11.8km az=64.0

ISCJB 28 07:25:38.1; 0.6, 0.17N; 0.07x123.6E; 0.1, h264km, mb3.6/10, Error ellipse: s-maj=16.5km s-min=9.4km az=6.7

DJA 28 07:25:40.0; 0.8, 0.06; 102.14E, h184km, 6km, M4.0/7, mb4.3/3, MLV3.9/7

ISC 28 07:25:39.0; 0.7, 0.11N; 108.123E; 0.1, h264km, n22, c1569/19, mb3.7/10, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WBSI, WSI, WSI, etc.

DJA 28 08:02:54.0; 4.4, 12.2; 21.1; 11.9E; 1.0, h40km, 68km, M4.5/9, mb4.5/5, mb5.1/2, MLV4.5/9, Mw(mb)4.5/2

ISC 28 08:03:03.4; 1.1, 10.01S; 119.46E, h0km, mb3.9/5, mb1.3/9.7, mb1mx3.8/19, mbtmp3.9/7, ML3.2/2, MS3.4/1, Ms1.3/4.1, ms1mx2.9/35, Error ellipse: s-maj=51.2km s-min=20.6km az=70.0

ISCJB 28 08:03:04.0; 0.0, 0.16; 107.22S; 0.04x118.93E; 0.08, h27km, mb3.9/5, Error ellipse: s-maj=12.0km s-min=5.9km az=178.3

AUST 28 08:03:07.8; 10.99S; 118.95E, h25km, ISC 28 08:03:03.8; 0.0, 10.84S; 0.05x118.84E; 0.06, h27km, n24, c2505/23, mb3.9/5, South of Sumbawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WBSI, WSI, WSI, etc.





28d 8h

Table with columns for call sign, name, power, status, and coordinates. Rows include SIV San Ignacio, LPAZ La Paz, SADO Sadowa, WHXT Lake Whitney, etc.

2009 NOV

Table with columns for call sign, name, power, status, and coordinates. Rows include Q29A Oakley, S26A Mary Lane Ranch, A26A McDonald Obser, etc.

1080

Table with columns for call sign, name, power, status, and coordinates. Rows include Z22A Elephant Butte, P24A Kohler Place, U23A El Rito, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Jordanelle, Pilgrim Ck, Red Top Meadow, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Matakaoa Point, Ohinepanea, Puketiti, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cervenica-Dubn, Trest, PSZ, etc.

28d 9h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MSVF Nonsavu, BFZ Birch Farm, and various others.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like STKA Stephens Creek, XMAS Kiritimati, and various others.

1082

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NWAOW Narrogin (SRO), CASY Casey, and various others.

1083

Table with columns for station call letters, location, frequency, and signal strength. Includes stations like COCO West Island, ASAJ Asahikawa, and various other locations.

2009 NOV

Table with columns for station call letters, location, frequency, and signal strength. Includes stations like GLA Glamis, QIZ Qiongzong, and various other locations.

28d 9h

Table with columns for station call letters, location, frequency, and signal strength. Includes stations like MDJ, R11A Troy Canyon, and various other locations.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like X21A Alamocita Cree, TXAR Lajitas Array, and many others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KHLT Kholoem Dam, 126A Clayton Basin, and many others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like XAN comp=Z,8.0nm,1.2s, XAN comp=Z,130nm,12.6s, and many others.







Table with columns for country, city, code, and various statistics. Includes entries like VSR, VORD, VOR, and various international locations like Kars, Trabzon, and Erzurum.

Table with columns for city, code, and various statistics. Includes entries like Kiev, Simferopol, Malin Array Si, and various locations in Ukraine and other regions.

Table with columns for country/city, code, and various statistics. Includes entries like TESR, TIRR, TIRR, and various international locations like Bucovina Ar, S, and many others.



comp=Z,2j,m,20.0s
ETRT Tiaret 173.53 13 P PKPdf 09 41 27.2 +1.8

IDC 28 09:34:01.9.1.4, 14.775x175.16W, h246km, 18km,
mb3.4/8, mb1 3.6/9, mb1mx3.4/20, mbtmp4.0/9, Error
ellipse: s-maj=32.0km s-min=13.0km az=139.0, Samoa
Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include AFI Afiamalu, RPZ Rata Peaks, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, PETK Petropavlovsk, TXAR Lajitas Array, ILAR Eielson Array, PDAR Pinedale Array, BRTR Keskin Array.

CSEM 28 09:39:53.0.2.0.45.90N:16.08E, h5km, ML2.7/1, Error
ellipse: s-maj=4.1km s-min=0.0km az=23.0
LJU 28 09:39:53.2.45.92N:16.10E, h8km, ML2.0
VIE 28 09:39:54.6.0.5.45.99N:15.99E, h7km, 1km, mb1.9/3,
ML2.4/3, Error ellipse: s-maj=2.8km s-min=1.5km
az=107.0 22 km N of Zagreb
BEO 28 09:39:54.9.0.3.45.92N:16.06E, h12km, 4km, ML2.1/7
ISC 28 09:39:53.8.1.0.45.92N:0.02:16.06E:0.02, h7km, 9km,
n5.1, c0.93/90, 6C-7D, Northwestern Balkan Peninsula

Main table for the left column containing station data for various regions including Gornji Cirkic, Gols, Dobrina, Sisk, Kog, Arzberg, and others.

s-maj=48.6km s-min=18.4km az=69.0
ISCJB 28 09:50:26.9.0.5.25.42N:0.07:124.53E:0.06,
h121km, 5km, mb3.5/7, Error ellipse: s-maj=13.5km
s-min=6.5km az=149.7
JMA 28 09:50:29.0.0.2.25.36N:124.50E, h111km, M3.3
ISC 28 09:50:27.9.0.9.25.43N:0.10:124.53E:0.07,
h116km, 10km, n18, c0.66/26, mb3.5/7, Northeast of
Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include JTJ Tarama, MJM Miyako jima 2, JOGS Gushukube, JIJ Gishigaki jima, JKRS Kuro-shima, Iriomote-Funau, Hatenuma jima, Yonaguni jima, Kume jima 2, Aguni-jima, Kunigami, Makanchi Array, Zalesovo Beam, Kurubat Arr, Fitzroy Crossi, Warramunga Arr, Alice Springs, Eielson Array.

MDD 28 10:07:41.7.3.2.36.68N:11.17W, h50km, 163km, mb3.6/9,
Error ellipse: s-maj=28.8km s-min=14.9km az=68.0,
PRXIMQ
CSEM 28 10:07:42.8.0.4.36.89N:10.85W, h10km, ML3.0/4, Error
ellipse: s-maj=6.9km s-min=6.2km az=77.0
IGIL 28 10:07:42.3.36.68N:11.02W, h14km, ML1.9
INMG 28 10:07:42.6.1.4.36.73N:10.98W, h10km, ML2.0, Error
ellipse: s-maj=10.0km s-min=7.4km az=88.0
ISC 28 10:07:40.5.3.5.36.8N:0.1x11.0W:0.2, h10km, n64,
c1508/117, Azores-Cape St. Vincent Ridge

Main table for the middle column containing station data for various regions including Vila Bisbo, Sao Teotonio, Marlete, and others.

EVO EVO comp=N,5.7nm,1.5s 2.90 53 P S Pn Sn 10 08 27.6 +0.9
EVO Evora 2.90 53 P S Pn Sn 10 09 01.4 -0.1
EVO EVO comp=N,5.7nm,0.1s 2.90 53 P S Pn Sn 10 08 27.6 +0.9
EVO Evora 2.90 53 P S Pn Sn 10 09 01.4 -0.1

Main table for the right column containing station data for various regions including Montargil, Estremoz, Barrancos, and others.

IDC 28 10:34:16.3:2.4.29.49S:176.28W, h0km, mb3.4/2,
mb1 3.7/3, mb1mx3.6/18, mbtmp3.6/3, ML3.2/1, Error
ellipse: s-maj=45.0km s-min=38.5km az=124.0,
Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Rows include RAO Raoul Island, URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, AKASG Malin Array B.

NIED 28 10:45:00.31.40N:130.50E, h150km, Mw4.7 Best
double couple: M=1.9000e-10, N=1.91e-10, P=2.5000e-10,
delta.000000, 1.78.000000. NP2:0.221.000000, delta.000000,
1.102.000000
DJA 28 10:45:32.7.3.9.31.NL8:13.2E:2.1, h60km, 37km, M5.0/9,
mB5.6/1, mb5.0/9, Mw(mB)5.2/1
ISCJB 28 10:45:46.6.0.2.31.41N:0.03:130.46E:0.03,
h159km, 2km, mb4.6/104, Error ellipse: s-maj=5.0km
s-min=3.9km az=143.3
BUI 28 10:45:47.7.31.29N:130.44E, h169km, mB5.0/21,
mb4.5/31
MOS 28 10:45:47.3.1.0.31.36N:130.44E, h171km, mb4.6/43,
Error ellipse: s-maj=8.7km s-min=5.4km az=11.2
IDC 28 10:45:47.7.0.4.31.44N:130.48E, h160km, 3km, mb4.1/19,
mb1 4.3/23, mb1mx4.2/28, mbtmp4.6/23, MS3.4/2,
Ms1 3.4/2, ms1mx3.0/41, Error ellipse: s-maj=9.7km
s-min=6.7km az=93.0
NEIC 28 10:45:48.5.0.4.31.37N:130.41E, h167km, 3km, mb4.7/47,
MW4.7(NIED), Error ellipse: s-maj=4.4km s-min=3.9km
az=161.0
NEIC Felt at Miyazaki. Recorded [1 JMA] in Kagoshima,
Miyazaki and Oita. Also recorded [1 JMA] in Kochi,
Shikoku
JMA 28 10:45:48.2.0.1.31.36N:130.52E, h149km, 1km, M4.5
Error ellipse: s-maj=8.7km s-min=5.4km az=11.2
Principal axes: P=1.91e-10, N=1.91e-10,
delta.000000, delta.000000, delta.000000. NP2:0.226.000000,
delta.000000, 1.127.000000. Principal axes: T=Plg63.000000,
Az=221.000000; N=Plg27.000000, Az=229.000000; P
Plg3.000000, Az=121.000000;
JMA Felt J1.
ISC 28 10:45:47.7.0.3.31.41N:0.04:130.51E:0.04, h160km, 2km,
h159km:pp-P, n308, c1.16/402, mb4.105, 44C-16D,



Table of astronomical observations for 1091, listing stations like NOA, TLCR, ANTO, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 2009 NOV, listing stations like TPH, FLOWY, TPAW, etc., with columns for station name, coordinates, and observation data.

Table of astronomical observations for 28d 11h, listing stations like HOWZ, TRWZ, MOZ, etc., with columns for station name, coordinates, and observation data.



Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KBZ Khabaz, SNAE Sanae, VNAZ Neumayer-Watz, etc.

CSEM 28 11:56:14.9, 0.5, 67.51N, 30.45E, h2km, ML1.5, Error ellipse: s-maj=1.0km s-min=6.1km az=79.0, Mining explosion.

UPP 28 11:56:17.1, 67.49N, 30.14E, h0km, ML1.2, Suspected Mining explosion.

HEL 28 11:56:15.0, 0.2, 67.56N, 30.44E, h0km, ML1.5, ML1.2(UPP), Explosion, Baltic States - Belarus - Northwestern Russia

Main table for the 1093 section, listing station data for the Hel event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 12:11:59.0, 1.1, 13.68N, 142.24E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.6/25, mbtmp3.9/5, Error ellipse: s-maj=62.3km s-min=20.7km az=94.0, South of Mariana Islands

Table listing station data for the IDC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

JMA 28 12:16:48.0, 33.37N, 130.88E, h11km, M0.6, Kyushu s-min=4.4km az=145.5

Table listing station data for the JMA event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 12:36:45.2, 0.8, 10.39S, 118.79E, h0km, mb4.3/15, mb1 4.3/16, mb1mx4.2/23, mbtmp4.3/16, ML3.1/1, MS3.5/7, Ms1 3.5/7, ms1mx3.3/29, Error ellipse: s-maj=27.1km s-min=17.9km az=77.0

BUI 28 12:36:45.7, 10.80S, 118.70E, h35km, mb4.9/8, mb4.8/17, Ms4.6/3, Ms7.4/2/3

AUST 28 12:36:46.5, 4.5, 10.68S, 119.01E, h0km, Error ellipse: s-maj=1.0km s-min=0.8km az=266.0

MOS 28 12:36:47.6, 1.1, 10.47S, 118.93E, h33km, mb4.8/9, Error ellipse: s-maj=17.0km s-min=9.0km az=116.2

ISCJB 28 12:36:49.0, 0.5, 10.73S, 0.03, 118.88E, 0.03, h56km, 5km, mb4.5/29, MS3.8/5, Error ellipse: s-maj=6.0km s-min=4.4km az=98.9

NEIC 28 12:36:49.0, 0.4, 10.70S, 118.72E, h35km, mb4.5/7, Error ellipse: s-maj=14.6km s-min=6.7km az=59.0

DJA 28 12:36:51.2, 0.5, 11.54S, 119.91E, h61km, 15km, M4.8/14, mb5.0/9, mb5.2/7, MLV4.9/14, Mw(mb)4.5/7

ISC 28 12:36:49.7, 0.6, 10.81S, 0.04, 118.87E, 0.04, h43km, 4km, n129.1/86/137, mb4.5/29, MS3.7/5, SC-4D, South of Sumbawa

Main table for the 2009 NOV section, listing station data for the IDC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 12:45:02.1, 3.9, 29.49S, 66.65W, h150km, 32km, mb3.1/1, mb1 3.1/3, mb1mx3.0/17, mbtmp3.0/3, Error ellipse: s-maj=120.6km s-min=21.3km az=142.0, La Rioja Province

Table listing station data for the IDC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 28 13:1:07.3, 0.3, 23.69S, 0.05, 68.82W, 0.09, h84km, 12km, mb3.7/2, Error ellipse: s-maj=13.8km s-min=7.6km az=6.1

IDC 28 13:1:07.2, 4.2, 3.33S, 68.81W, h68km, 22km, mb3.6/2, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, Error ellipse: s-maj=12.7km s-min=17.5km az=99.0

GUC 28 13:1:09.5, 0.9, 23.68S, 69.10W, h110km, ML4.1

ISC 28 13:1:08.6, 1.0, 23.67S, 0.06, 68.82W, 0.08, h80km, 12km, n16, c181/23, 4C-1D, Northern Chile

Table listing station data for the ISC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

Main table for the 28d 13h section, listing station data for various events. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

IDC 28 12:45:02.1, 3.9, 29.49S, 66.65W, h150km, 32km, mb3.1/1, mb1 3.1/3, mb1mx3.0/17, mbtmp3.0/3, Error ellipse: s-maj=120.6km s-min=21.3km az=142.0, La Rioja Province

Table listing station data for the IDC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

ISCJB 28 13:1:07.3, 0.3, 23.69S, 0.05, 68.82W, 0.09, h84km, 12km, mb3.7/2, Error ellipse: s-maj=13.8km s-min=7.6km az=6.1

IDC 28 13:1:07.2, 4.2, 3.33S, 68.81W, h68km, 22km, mb3.6/2, mb1 3.8/5, mb1mx3.6/19, mbtmp3.7/5, Error ellipse: s-maj=12.7km s-min=17.5km az=99.0

GUC 28 13:1:09.5, 0.9, 23.68S, 69.10W, h110km, ML4.1

ISC 28 13:1:08.6, 1.0, 23.67S, 0.06, 68.82W, 0.08, h80km, 12km, n16, c181/23, 4C-1D, Northern Chile

Table listing station data for the ISC event. Columns include Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC.

28d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains data for stations like ANCH, PB04 Plate Boundary, PB10 Plate Boundary, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains data for stations like IDC 28 13:40:36.0-1.0, AUST 28 13:40:52.5-1.0, ISCVB 28 13:40:38.9-0.5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains data for stations like WEL 28 13:48:12.3-0.1, OXF Oxford, CRZ Canterbury Lary, etc.

2009 NOV

Main data table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains data for stations like EAZ Earningscleugh, TUZ Tuapeka, SCR Scrubby Hill, etc.

1094

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains data for stations like H01W1 Cape Leeuwin H, DANN Danging, WRA Warramunga Arr, etc.



Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like TIKI, OBN, IDI, AKASG, etc.

ISCJB 28 14:24:40.3,0.6,0.37S,0.06x132.3E,0.1,h33km, mb3.9/11,MS3.7/5,Error ellipse: s-maj=21.7km s-min=7.5km az=169.9

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like KDU, KNRA, FITZ, WRA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like MKAR, ZALV, AKTO, etc.

ISCJB 28 14:43:40.8,1.2,17.41S,0.06x168.7E,0.2,h33km, mb4.0/9,MS3.9/17,Error ellipse: s-maj=25.9km s-min=7.3km az=12.2

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like DZM, HNR, EIDS, etc.

ISCJB 28 14:24:42.0,0.7,0.36S,0.08x132.4E,0.2,h33km,n22, r175/17,mb3.9/11,MS3.6/5,Irian Jaya region

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like H1S2, H1S3, H1S1, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like PDAR, H03N3, H03N2, etc.

ISCJB 28 15:06:09.4,1.0,4.32N,126.84E,h0km,mb3.6/10, mb1.3/8.7,mb1mx3.6/23,mbtmp3.6/7,Error ellipse: s-maj=65.9km s-min=14.4km az=68.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like KAPI, FITZ, WRA, etc.

ISCJB 28 15:28:50.3,1.2,4.26N,126.53E,h0km,mb3.7/7, mb1.3/9.7,mb1mx3.7/23,mbtmp3.4/4,ML3.7/1,MS3.2/1, Ms1.3/1.1,ms1mx2.6/32,Error ellipse: s-maj=112.1km s-min=23.9km az=83.0,Volcano Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like TGY, FITZ, WRA, etc.

ISCJB 28 15:54:54.2,0.2,23.38N,142.50E,h0km,mb3.2/3, mb1.3/6.4,mb1mx3.2/4,mbtmp3.4/4,ML3.7/1,MS3.2/1, Ms1.3/2.1,ms1mx2.5/13,Error ellipse: s-maj=60.0km s-min=23.9km az=83.0,Volcano Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like JCJ, WRA, CMAR, etc.

ISCJB 28 15:55:13.3,3.77N,24.84E,h5km,ML3.3, ISCJB 28 15:55:17.8,0.9,37.87N,0.02x25.11E,0.2,h5km,7km, Error ellipse: s-maj=3.5km s-min=2.0km az=2.0

CSEM 28 15:55:18.8,0.1,37.87N,25.08E,h10km,MD3.3, Error ellipse: s-maj=3.3km s-min=2.0km az=177.0

THE 28 15:55:19.0,37.89N,25.09E,h6km,1km,ML3.2/1, Error ellipse: s-maj=1.4km s-min=0.6km az=161.0

ATH 28 15:55:19.5,37.88N,25.10E,h38km,2km,MD3.3/23, ML3.6

DDA 28 15:55:21.4,37.91N,25.37E,h7km,MD3.2, ISCJB 28 15:55:19.2,1.1,37.88N,0.02x25.10E,0.02,h11km,gkm, n146,0.09N/149,Decadecade Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like APE, WRA, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Contains numerous station entries for the 28d 17h period.

Summary table for 28d 16:24:36.1-1.8, 20'55S-174°54'W, h0km, mb3.9/6. Error ellipse: s-maj=73.3km s-min=26.2km az=149.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ELKO, ELIOL, and ALAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDI, DID, and AOS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SGSI, SNTI, KMSI, and GTOI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG, WRA, ASAR, and CMAR.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI, WRA, MJAR, and ILAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BRTR, WRA, ILAR, and CMAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H1N1, H1N2, H1N3, WRA, ASAR, and CMAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

M00-2.19t.27; M00.07t.42; M00.72t.22; M0-1.48t.45; Best double couple: M0.00000,1016 NP1.0t.12.000000, 0.85.00000; A-168.00000; NP2.0t.281.00000;

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like H01W1, H01W2, H01W3, NWA0, and DRV.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like STKA, STKA, STKA, and STKA.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ASAR, ASAR, ASAR, and ASAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ASAR, ASAR, ASAR, and ASAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like STKA, WRA, HNR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like ASAR, WRA, HNR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like AFI, WRA, MJAR, and ILAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like BRTR, WRA, ILAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like H1N1, H1N2, H1N3, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Code Station Name Az Az' Phase ID Time Res ISC. Includes stations like IDI, WRA, ASAR, and CMAR.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

KRSC 28 17:49:11.3-4.7, 52.74N; 160.10E, h41km, 41km, ML5.3, FEL [I] at Petropavlovsk-Insitut.

MOS 28 17:49:14.6-1.2, 52.95N; 159.64E, h57km, mb5.2/66, MS4.1/11, Error ellipse: s-maj=6.9km s-min=3.8km az=91.7

ISCJB 28 17:49:16.2-0.2, 52.91N; 0.02-159.68E; 0.02, h27km, 1km, mb4.9/240, Error ellipse: s-maj=3.7km s-min=2.1km az=159.8

NEIC 28 17:49:16.8-0.6, 52.96N; 159.63E, h62km, 5km, mb5.2/144, Error ellipse: s-maj=4.8km s-min=2.8km az=160.0

NEIC Fell [I] at Petropavlovsk-Kamchatskiy. GCMT 28 17:49:19.5-0.3, 52.74N; 160.19E, h57km, 1km, MW5.1, Moment Tensor Solution: s61, c92; s67, c106; Moment tensor: Scale 10^19Nm; Mr16.12; 20; Mw-2.14; 16;

AZM281.0000; N 0.3900, P1g4.0000, Azm36.0000; P -6.8100, P1g8.0000, Azm127.0000; Data Used: II U IC G CN CU.

IDC 28 17:49:19.8-1.0, 53.04N; 159.54E, h68km, 7km, mb4.4/37, mb1.4, 6/38, mb1mx4.6/39, mbtmp4.5/38, MS4.2/17, MS1.4, 3/17, ms1.9/60 Error ellipse: s-maj=12.3km s-min=8.2km az=134.0

BGS 28 17:49:20.0-1.8, 53.59N; 160.80E, h62km, mb5.1, ISC 28 17:49:16.4-0.3, 52.90N; 0.03-159.72E; 0.03, h61km, 2km, h61km; p-P, n978, c1918/1060, mb5.1/240, 175C-127D, Off east coast of Kamchatka Peninsula

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations and their parameters.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations and their parameters.

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations and their parameters.

28d 17h

2009 NOV

1098

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMQ, GYA, KURK, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KK31, KKAR, H19A, etc.



28d 17h

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TBLG Delisi, SADO Sadowa, EAB Aberfoyle, etc.

2009 NOV

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KRLC Kraiky, WYD Wyandotte Cave, WCI Wyandotte Cave, etc.

1100

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SZH Strazhica, SOKA Soboth, KBA Klobasjer, etc.

Table of astronomical observations for station 1101, listing various stations (BGF, VAY, STON, etc.) and their associated coordinates and parameters.

Main table of astronomical observations for 2009 NOV, listing stations (RAYN, STKA, ESCD, etc.), station names, and detailed observation parameters.

Table of astronomical observations for station 28d 18h, including station names (Azm100.0000, GCMT 28, etc.) and observation data.







28d 18h

Table with columns for station call signs (e.g., MKAR, YAK, KSH), frequencies, and various signal quality metrics (SNR, S/N, etc.).

2009 NOV

Table with columns for station call signs (e.g., NVS, KBL, SEY, RAO), frequencies, and various signal quality metrics (SNR, S/N, etc.).

1104

Table with columns for station call signs (e.g., GNI, GNI, GNI, TBLG, KDAK), frequencies, and various signal quality metrics (SNR, S/N, etc.).

Table of astronomical data for 2020 NOV, 1105. Columns include station code, location, coordinates, and various technical specifications.

Table of astronomical data for 2020 NOV, 2020 NOV. Columns include station code, location, coordinates, and various technical specifications.

Table of astronomical data for 2020 NOV, 28d 18h. Columns include station code, location, coordinates, and various technical specifications.

28d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KULLORSUAQ, PERKS, KHC, MOA, GERS, BOJS, NKC, VISS, SCO, JAVS, YBHF, LBTF, CUC, HAWA, BOSA, CEL, NEW, BFO, TUE, WDD, BMO, WVOR, VLC, PTCN, CLTB, WLF, ECH, GIVF, BORG, LPG, LPL, BMBF, EKA, ESK, SNA, HLD, ELK, EGMT, BOZ, SFJD, SSB.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FLIN FLON, R11A, FCC, VNA2, MOA, GERS, BOJS, NKC, VISS, SCO, JAVS, YBHF, LBTF, CUC, HAWA, BOSA, CEL, NEW, BFO, TUE, WDD, BMO, WVOR, VLC, PTCN, CLTB, WLF, ECH, GIVF, BORG, LPG, LPL, BMBF, EKA, ESK, SNA, HLD, ELK, EGMT, BOZ, SFJD, SSB.

1106

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COOKES PEAK, S25A, PAB, BNM, T25A, Z22A, V24A, W24A, Y23A, S26A, W22A, R27A, V25A, T26A, Z23A, MVO, MVO, MVO, EYMN, EYMN, U26A, Y24A, PGAV, W25A, ECSD, V26A, R28A, Z24A, MTE, MTE, MTE, Q29A, Y25A, U27A, S28A, W26A, T28A, Z24A, PMRV, PMRV, U28A, MNTX, MNTX, 324A, S29A, 125A, Y26A, P31A, SPMN, R30A, Z26A, O32A, PBAR, S30A, P32A, SCHG, SCHG, 126A, EVO, MSTX, MSTX, Z27A, EVOP, Q32A, X28A, U30A, 127A, R32A, P33A, 326A, PVAQ, PVAQ, T31A, MESJ, MESJ.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MESJ, PCVE, COWI, V30A, PNCL, G33A, Z28A, PBDV, Z46A, MDT, Y29A, R33A, 128A, 526A, T32A, PMSA, 427A, MORF, X30A, Z29A, KSU1, 328A, PFVI, U32A, 129A, W31A, SCIA, T33A, Z30A, TXAR, TXAR, TXAR, X31A, 428A, V32A, RTC, 627A, 631A, 528A, 130A, 628A, V33A, Z31A, U34A, 230A, JFWS, JFWS, 529A, 429A, WMOK, 330A, V34A, Z32A, X33A, 430A, TOR, TOR, TOR, TOR, 231A, Y33A, ABTX, 530A, 331A, X34A, 431A, 332A, Y34A, 531A, TUL1, 432A, 631A, JCT, JCT, JCT, 532A, 333A, 433A, 632A, HDIL.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HDIL, 334A, 732A, 533A, WHTX, 434A, 534A, 335A, SFIN, SFIN, SADO, SADO, AAM, AAM, MIAR, MIAR, MIAR, MIAR, KVTX, KVTX, HKT, HKT, LONY, LONY, ERPA, ERPA, WCI, WCI, ACSO, ACSO, NCB, NCB, WWT, WWT, MDV, MDV, OXF, OXF, LBNH, LBNH, BINY, BINY, PMOZ, PMOZ, MCWV, MCWV, SSPA, SSPA, USHA, USHA, SWET, SWET, CMLA, CMLA, KIC, KIC, DBIC, DBIC, DBIC, DBIC, TIC, TIC, LIC, LIC, LIC, LIC, PAL, PAL, TKL, TKL, TKL, TKL, BLA, BLA, CBN, CBN, JSRW, JSRW, BRAL, BRAL, SHEL, SHEL, SHEL, SHEL, KMSO, KMSO, TIGA, TIGA, CNCC, CNCC, CNCC, CNCC, EFI, EFI, TEIG, TEIG, APG, APG, APG, APG, ASCN, ASCN, TGUH, TGUH, TGUH, TGUH, PLCA, PLCA, PLCA, PLCA, PLCA, PLCA, PAYG, PAYG, PAYG, PAYG, JTS, JTS, JTS, JTS, TRQA, TRQA, TRQA, TRQA, MTJD, MTJD.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like GTBY, GRTK, CMCH, BCIP, SDDR, TLL, CFAA, CFAA, LCO, LCO, LCO, LCO, AGPR, LSP, CRPR, CRPR, CRPR, CRPR, OBIP, OBIP, CBYP, CBYP, SJG, SJG, SJG, SJG, MTP, MTP, STVI, STVI, STVI, STVI, ATAH, ATAH, ATAH, ATAH, ANWB, ANWB, ROSC, ROSC, ROSC, ROSC, LVC, LVC, SDV, SDV, FDF, FDF, FDF, FDF, CPUP, CPUP, CPUP, CPUP, CPUP, CPUP, BGH, BGH, GRGR, GRGR, SPB, SPB, LPAZ, LPAZ, LPAZ, LPAZ, RCBR, RCBR, SIV, SIV, SIV, SIV, SIV, SIV, BDFB, BDFB, BDFB, BDFB, SAML, SAML, SAML, SAML, PTGA, PTGA, PTGA, PTGA.

Code Station Name Az AzZ Phase ID Time Res
ISC h m s ISC
GSPH General Santos 1.33 300 j/P Pn 18 20 12.7 -0.7
MATI Mati 1.52 6 Pn 18 20 15.0 +0.1
MATI Mati eS Pn 18 20 34.1 -0.7
WRA Warramunga Arr 26.47 162 P 18 25 52.4 +0.6
ASAR Alice Springs 29.89 166 P 18 25 24.2 +1.9
MKAR Manakachi Array 58.83 325 P 18 29 21.1 -0.2
FINES FINESS Array B 90.05 332 P 18 32 41.8 -1.2
TORD Torodi Arr Be 121.80 289 PKP 18 38 39.2 +0.9
IDC 28 18:19:42.7; 1.7; 5.44N; 125.71E, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.7/22, mbtmp4.0/4, Error ellipse: s-maj=176.8km s-min=22.9km az=66.0
ISCJB 28 18:19:49.5; 0.9; 5.41N; 0.07E; 126.15E; 0.10, h66km, mb3.9/4, Error ellipse: s-maj=14.5km s-min=9.6km
MAN 28 18:19:49.5; 49N; 126.33E, h82km, mb4.6, M.L3.5, MS3.5
ISC 28 18:19:50.6; 1.3; 5.4N; 0.1; 126.1E; 0.1, h66km, n8, i100/9, mb3.8/4, 1D, Mindanao
Code Station Name Az AzZ Phase ID Time Res
ISC h m s ISC
GSPH General Santos 1.33 300 j/P Pn 18 20 12.7 -0.7
MATI Mati 1.52 6 Pn 18 20 15.0 +0.1
MATI Mati eS Pn 18 20 34.1 -0.7
WRA Warramunga Arr 26.47 162 P 18 25 52.4 +0.6
ASAR Alice Springs 29.89 166 P 18 25 24.2 +1.9
MKAR Manakachi Array 58.83 325 P 18 29 21.1 -0.2
FINES FINESS Array B 90.05 332 P 18 32 41.8 -1.2
TORD Torodi Arr Be 121.80 289 PKP 18 38 39.2 +0.9
IDC 28 18:25:10.0; 0.1; 3.483N; 124.77E, h0km, mb3.5/5, mb1.3/6.5, mb1mx3.4/23, mbtmp3.5/5, Error ellipse: s-maj=137.5km s-min=24.5km az=67.0
ISCJB 28 18:25:13.1; 1.3; 4.9N; 0.5; 125.5E; 0.1, h33km, mb3.5/5, Error ellipse: s-maj=183.2km s-min=21.5km az=156.8
ISC 28 18:25:15.0; 1.5; 4.9N; 0.5; 125.5E; 0.1, h33km, n6, of80/6, mb3.5/5, Talaud Islands
Code Station Name Az AzZ Phase ID Time Res
ISC h m s ISC
WRA Warramunga Arr 26.36 160 P 18 25 48.5 +0.4

28d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONMG Songo Array, MKAR Makanchi Arr, KURBB Kurchatov Arra, etc.

ADC 28 18:31:37.5:0.8,5.34N,126.09E,h0km,mb3.9/11, mb1.4/1/11,mb1mx3.9/24,mbtmp3.9/11,Error ellipse: s-maj=74.4km s-min=14.6km az=73.0

MAN 28 18:31:44.1:0.6,5.32N,126.16E,h30km,mb4.8,ML3.7,MS3.7

ISCBJ 28 18:31:44.1:0.6,5.32N,126.16E,0.07,126.14E,0.1,h66km, mb3.8/11,Error ellipse: s-maj=16.0km s-min=7.1km az=150.8

ISC 28 18:31:45.8:0.8,5.32N,126.08E,0.1,h66km,n19, a136/20,mb3.8/11,1C-1D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSPH General Santos, MATI Mati, DMPH Davao City-Mi, etc.

ADC 28 18:35:46.0:0.8,5.49N,126.53E,h0km,mb3.9/11, mb1.4/1/11,mb1mx3.9/22,mbtmp3.9/11,Error ellipse: s-maj=53.0km s-min=16.0km az=70.0

MAN 28 18:35:53.5:2.7N,126.43E,h29km,mb4.6,ML3.4,MS3.3

ISCBJ 28 18:35:57.8:0.6,5.38N,126.2E,0.1,h66km, mb3.7/12,Error ellipse: s-maj=20.7km s-min=7.2km az=164.7

ISC 28 18:35:59.7:0.7,5.35N,126.07E,0.1,h116km,n20, a1971/17,mb3.9/12,1D,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSPH General Santos, MATI Mati, DMPH Davao City-Mi, etc.

B/JI 28 18:45:37.2:46.14N,143.59E,h329km,mb4.7/6,mb4.2/19 MOS 28 18:45:38.0:1.0,45.91N,143.36E,h326km,mb4.5/34, Error ellipse: s-maj=8.7km s-min=5.3km az=100.4

JMA 28 18:45:39.4:0.3,45.75N,143.47E,h330km,2km,M4.7

ISCBJ 28 18:45:39.1:0.1,45.89N,143.32E,0.03, h324km,1km,mb4.3/97,Error ellipse: s-maj=3.9km s-min=3.0km az=174.5

ADC 28 18:45:39.5:0.7,45.97N,143.40E,h319km,6km,mb3.9/34, mb1.4/0/39,mb1mx4.0/42,mbtmp3.9/39,Error ellipse: s-maj=9.4km s-min=7.9km az=128.0

NEIC 28 18:45:40.2:0.2,45.94N,143.40E,mb4.4/34,Error ellipse: s-maj=4.8km s-min=3.5km az=140.0

SKHL 28 18:45:40.4:0.7,45.80N,143.40E,h324km,19km,mb5.0/8, mb4.9,612,mb4.9,mb5.1/11,mbsha5.0/7

ISC 28 18:45:39.5:0.4,45.89N,143.43E,0.04,h323km,3km, h322km,pP-P,n550, a176/1609,mb4.9/7,134C-111D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSE Soyams, YSS Yuzh-Sakhalins, YSS comp=Z,1.0m,0.5s, etc.

2009 NOV

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKK2 Kamakawa 2, JRA Hokusui, JHR Hokuryu, etc.

1108

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2, ZEA Zeya, ZEA comp=Z,40nm,0.6s, etc.

Table with columns for call letters, name, frequency, power, and SNR. Includes entries like AAK Ala-Archa, AAK Ala-Archa, JIRN Jiri, etc.

Table with columns for call letters, name, frequency, power, and SNR. Includes entries like A21A Bergtoll Ranch, BOZ Bozeman (W), BOZ Bozeman (W), etc.

Table with columns for call letters, name, frequency, power, and SNR. Includes entries like I25A Ostrova, N20A Spence Gulch, N20A Malaya, etc.

28d 18h

Table of station data for 28d 18h, including columns for station name, frequency, power, and status.

2009 NOV

Main table of station data for 2009 NOV, including columns for call sign, station name, frequency, power, and status.

1110

Table of station data for 1110, including columns for call sign, station name, frequency, power, and status.

Technical notes and identifiers for stations, including call sign, frequency, and other parameters.



Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like I04A Tendick Farm, L02D Cave Junction, H1N2 WAKE ISLAND HY, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like H17A Grant Village, E19A Bath Farm, FFC Flin Flon, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like CCUT Cedar City, G22A Birney, MURC Murrieta, etc.





28d 18h

Table with 4 columns: Station, Frequency, Power, and Signal Quality. Includes stations like ESK Eskdalemuir Ar, ESK Eskdalemuir, VRHR Novokhopersk, etc.

2009 NOV

Table with 4 columns: Station, Frequency, Power, and Signal Quality. Includes stations like NKC Novy Kostel, OKC Ostrava-Krasne, PRU Pruhonice, etc.

1114

Table with 4 columns: Station, Frequency, Power, and Signal Quality. Includes stations like HINF Hinteralfeld, HINF Hinteralfeld, DRGR T's, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations.

28d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EIL, GNI, AKASG, GERES, ESCD, FINES, TORD, MKAR, ZALV, SONMI, ILAR.

ISCJB 28 20:09:46.0, 0.2, 5:58N, 0:09:55:56E, 0:07, h100km, mb3.2/5, Error ellipse: s-maj=12.5km s-min=9.0km az=173.7

IDC 28 20:09:49.4, 3.6, 25:53N, 95:46E, h126km, mb2.9/5, mb1 3.1/6, mb1mx3.0/26, mbtmp3.9/6, Error ellipse: s-maj=57.5km s-min=17.7km az=66.0

ISC 28 20:09:47.8, 1.0, 25:61N, 95:48E, 0:09, h100km, n8, a122/10, mb3.1/5, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMP, SHL, CMAR, MKAR, SONMI, KURBB, WRA, ASAR.

IDC 28 20:22:43.4, 9.6, 13:52N, 92:90E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.0/26, mbtmp3.0/3, ML3.0/1, Error ellipse: s-maj=199.9km s-min=47.5km az=107.0, Andaman Islands region

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

GUC 28 20:28:43.7, 0.6, 32:70S, 71:14W, h2km, 2km, MD3.5, ML2.1, 1C, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROCH, PACH, PEL, LNV, CACH, TLL.

ISCJB 28 20:34:44.7, 0.7, 6:55S, 0:1:127:6E, 0:2, h408km, mb3.3/6, Error ellipse: s-maj=27.5km s-min=11.9km az=149.7

IDC 28 20:34:48.2, 2.8, 6:26S, 127:41E, h435km, 35km, mb3.1/6, mb1 3.2/9, mb1mx3.1/19, mbtmp3.1/9, Error ellipse: s-maj=48.4km s-min=14.3km az=57.0

ISC 28 20:34:46.1, 0.8, 6:55S, 0:1:127:6E, 0:2, h408km, n11, a126/11, mb3.4/6, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI, WRA, ASAR, STKA, CMAR, USRK, SONMI, MKAR, ZALV, PDAR, TORD.

IDC 28 20:40:04.0, 0.8, 2:59S, 128:94E, h0km, mb3.7/7, mb1 3.9/9, mb1mx3.8/21, mbtmp3.8/9, ML4.0/3, Error ellipse: s-maj=37.0km s-min=15.9km az=62.0

ISCJB 28 20:40:08.0, 0.3, 2:63S, 0:04:128:75E, 0:03, h33km, mb3.9/8, Error ellipse: s-maj=5.9km s-min=3.8km az=24.1

DJA 28 20:40:10.8, 0.4, 3:52S, 112:9E, h44km, 22km, MA.7/13, mb5.2/7, mb4.8/13, MLV4.7/12, MW(m)B.4/5.7, MWp.6/3/1

AUST 28 20:40:03.3, 0.2, 2:57S, 128:78E, 0:05, h35km, n35, a164/42, mb3.9/8, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NLAJ, BNDI, FAKI, TINTI, MWPI, KMSI, LUWI, GTOI.

2009 NOV

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APSI, MRSI, MRSI, BNSI, TTSI, BKSI, SPSI, MMSI, MTN, KDU, KNRA, FITZ, WRA, COEN, PMG, CTA, MEEK, KMBL, ARPS, USRK, SONMI, MKAR, ZALV, ILAR.

MAN 28 20:45:45.5, 10N, 126:72E, h52km, mb4.7, ML3.5, MS3.5, IDC 28 20:45:47.8, 9.8, 7:16N, 127:82E, h0km, mb4.1/4, mb1 4.2/4, mb1mx3.6/22, mbtmp4.1/4, MS3.8/1, Ms1 3.8/1, ms1mx2.8/32, Error ellipse: s-maj=299.8km s-min=63.3km az=7.0

ISC 28 20:45:47.9, 1.9, 5:6N, 0:3:127:5E, 0:2, h53km, n8, a1963/8, mb3.4/4, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATI, MATI, BUKP, PAZG, ASAJ, MKAR, ILAR, ARCES, FINES.

FUNV 28 20:49:02.5, 10:46N, 69:78W, h5km, MW3.5, 2C-2D, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIQV, CURV, DABV, SANV, MONV, MAPV, CAPV, PCRV.

FUNV 28 20:53:23.0, 11:11N, 73:52W, h3km, MW3.5, 1D, Near north coast of Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DABV, QARV, VIGV, CAPV, MONV, CURV, SIQV, SANC, SANV, TEPV, MAPV, BAUV, BUAV, CUPV.

IDC 28 20:54:22.8, 7.2, 6:22S, 149:49E, h63km, 57km, mb3.2/2, mb1 3.6/3, mb1mx3.2/16, mbtmp3.4/3, ML2.9/1, Error ellipse: s-maj=120.7km s-min=46.7km az=125.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, WRA, ARAC, TORD, COEN, COEN, SWI, BNDI.

IDC 28 21:02:45.1, 1.1, 5:36N, 125:97E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.8/24, mbtmp3.8/9, MS3.5/1, Ms1 3.5/1, ms1mx2.9/27, Error ellipse: s-maj=115.8km s-min=15.6km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, PMG, PMG, WRA, ARAC, TORD, COEN, COEN, SWI, BNDI.

1116

MAN 28 21:02:48.5, 10N, 126:60E, h35km, mb4.8, ML3.7, MS3.7, ISCJB 28 21:02:56.3, 0.7, 5:42N, 0:0:20:6E, 0:1, h116km, mb3.7/9, Error ellipse: s-maj=102.6km s-min=8.5km az=155.7

ISC 28 21:02:58.1, 0.8, 5:49N, 0:09:126:1E, 0:1, h116km, n16, a227/15, mb3.7/9, 1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSPH, MATI, BUKP, BUTP, FITZ, PMG, WRA, ASAR, STKA, SONMI, MKAR, ZALV, KURBB, ARCES, TORD.

IDC 28 21:15:45.7, 1.4, 5:78N, 126:75E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/23, mbtmp3.8/7, Error ellipse: s-maj=173.1km s-min=19.0km az=69.0

ISC 28 21:15:56.1, 5.7, 5:7N, 0:5:127:2E, h83km, n7, a0990/7, mb4.0/7, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, SONMI, MKAR, KURBB, ARCES, FINES.

IDC 28 21:40:26.5, 2.9, 5:91N, 127:04E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/22, mbtmp3.3/3, Error ellipse: s-maj=224.7km s-min=30.1km az=66.0, Philippine Islands region

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

DDA 28 21:43:30.6, 3.7, 67N, 37:45E, h7km, MD2.9, IDC 28 21:43:30.6, 3.4, 3:7N, 7:02E, 37:4E, 0:1, h9km, n4, a0639/7, Turkey

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

IDC 28 21:45:38.7, 5.7, 14:42S, 174:29W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/18, mbtmp3.5/2, Error ellipse: s-maj=364.2km s-min=77.3km az=150.0, Samoa Islands region

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

ISCJB 28 22:04:53.3, 0.2, 4:15S, 0:03:141:27E, 0:05, h33km, mb4.8/46, MS3.9/10, Error ellipse: s-maj=6.8km s-min=4.3km az=176.7

BUI 28 22:04:55.8, 4:43S, 141:67E, h85km, mb5.1/21, mb4.8/30, M5.0/8, Ms7.4/8.7

MOS 28 22:04:57.6, 1.0, 4:07S, 141:17E, h66km, mb4.9/13, Error ellipse: s-maj=15.3km s-min=7.9km az=112.0

IDC 28 22:04:58.9, 3.0, 4:09S, 141:13E, h60km, 29km, mb4.3/16, mb1 4.4/19, mb1mx4.3/22, mbtmp4.4/19, ML3.9/2, MS3.8/10, Ms1 3.8/10, mb1mx3.5/30, Error ellipse: s-maj=18.3km s-min=13.0km az=80.0

DJA 28 22:04:59.4, 4.0, 4:5S, 14:1E, h22km, 49km, M5.2/5, mb5.4/4, mb5.2/5, MLV5.2/2, MW(m)B.4/8.4

NEIC 28 22:04:59.5, 1.1, 4:18S, 141:12E, h76km, 11km, mb5.1/21, Error ellipse: s-maj=8.2km s-min=5.8km az=74.0

AUST 28 22:05:00.9, 0.4, 4:18S, 140:93E, h76km, Error ellipse: s-maj=1.1km s-min=0.8km az=266.0

ISC 28 22:04:55.5, 0.3, 4:10S, 0:04:141:16E, 0:06, h35km, n144, a185/148, mb4.8/47, MS3.7/10, 6C-5D, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAY, GENI, SRPI, KMPI, PMG, PMG, PMG, TLE, FAKI, FAKI, COEN, COEN, SWI, BNDI.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KAKADU, MANTON DAM, CHARTERS TOWER, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MATI, MATI, MATI, etc.

PRE 28 22:43:39.8, 2.2, 21.31S, 33.23E, h10km, ML3.7, 1D, Mozambique

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MSNA, MSNA, SILVERTON, etc.

DJA 28 22:47:17.9, 0.6, 9.5S, 4.120E, h57km, 8km, M3.7/5, ML3.7/5, Sumba region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like WSI, WSI, WSI, etc.

29d 0h

ISK 28 23:22:02.4, 38°35'N, 25°06'E, h26km, MD3.7
THE 28 23:22:03.7, 38°49'N, 25°30'E, h11km, 1km, ML2.5/6, Error
ellip: s-maj=1.9km s-min=0.7km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like CHOS Chios island, SIGR SIGRI, WRA Warramunga Arr, etc.

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IDC 28 23:25:07.6, 2.1, 3.65S, 130°58'E, h0km, mb3.6/3,
mb1 4.0/5, mb1mx3.6/20, mbtmp3.8/5, ML3.8/2, MS2.8/1,
Ms1 3.0/5, ms1mx2.5/26, Error ellip: s-maj=122.3km
s-min=24.0km az=75.0, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Asia Springs, etc.

1118

TORD Torodi Ar. Bea 83.20 P P 00 21 25.4 +1.0
0.4nm, 0.6s, baz=277, slow=7.5, SNR=7.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists stations like IDC 29 00:20:24.7, AFI Afiamallu, DZM Zm Zm, etc.



MOS 29.00:31:32.5:1.1,3:18N:126:82E,h33km,mb5.0/20, Error ellipse: s-maj=20.8km s-min=7.4km az=117.0
ISCJB 29.00:31:35.0:1.0,3:21N:0.04:126:97E,0.06,h5km,9km, mb4.7/76,MS4.2/16, Error ellipse: s-maj=10.1km s-min=6.2km az=159.9
NEIC 29.00:31:36.3:1.4,3:22N:126:96E,h54km,13km,mb4.8/16, Error ellipse: s-maj=14.3km s-min=6.6km az=75.0
BUJ 29.00:31:37.8:4.3N:127:13E,h80km,mb5.0/31,mb4.7/41,MS4.6/30,MS7.4/230
GCMT 29.00:31:38.0:0.4,3:16N:127:51E,h27km,1km,MW5.0, Moment Tensor Solution, s28,c35, s58,c79, Moment tensor: Scale 1016Nm, Mw:2.62:19; Mw:0.21:11; Mw:2.82:13; Mw:1.75:21; Mw:0.66:09; Mw:1.05:20; Best double couple: M:3.50000:1016 NP1:36.00000:0, 363.00000:0, 115.00000:0. NP2:170.00000:0, 836.00000:0, 150.00000:0. Principal axes: T 3.5900,Plg63.0000, Azm347.0000: N -0.2800,Plg22.0000: Azm24.0000: P -3.3200,Plg15.0000: Azm108.0000: Data Used: II IU IC CU G CN.

ISC 29.00:31:39.3:0.4,3:23N:0.05:126:86E:0:07,h78km,2km, h78km:pp-P,n166,c19:62/210,mb4.7/76,6C-4D,Talaud Islands

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

Table with columns: CD2, Chengdu, 35.12 324, P, P, 00 38 26.3 +0.8. Lists seismic events with station codes, magnitudes, and times.

Table with columns: SMLA, Simla, 54.37 306, eP, P, 00 40 57.8 -0.5. Lists seismic events with station codes, magnitudes, and times.

29d 2h

Table with columns for station name, frequency, and other technical details. Includes stations like AKASG, QSPA, UZH, etc.

ISCJB 29 00:31:41.9-0.6, 10.78SR:0.05:118.97E:0.06, h27km, mb4.1/3, MS4.0/3, Error ellipse: s-maj=9.2km s-min=-6.7km az=18.6

Main table for station data under '29d 2h' section, listing station names, frequencies, and technical specifications.

ISC 29 00:42:25.5-1.2, 3.22N:127.21E, h0km, mb3.6/7, mb1 3.0/7, mb1mx3.6/24, mbtmp3.6/7, Error ellipse: s-maj=113.5km s-min=17.8km az=71.0

Table for station data under 'ISC 29 00:42:25.5' section.

ISC 29 00:53:25.5-1.6, 5.54N:126.27E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/23, mbtmp3.5/5, Error ellipse: s-maj=112.3km s-min=20.7km az=72.0, Mindanao

Table for station data under 'ISC 29 00:53:25.5' section.

2009 NOV

Main table for station data under '2009 NOV' section, listing station names, frequencies, and technical specifications.

1120

Table for station data under '1120' section, listing station names, frequencies, and technical specifications.

ISC 29 01:53:57.2-1.3, 1.16N:126.86E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.6/22, mbtmp3.7/6, ML3.6/1, Error ellipse: s-maj=101.0km s-min=17.9km az=72.0

Table for station data under 'ISC 29 01:53:57.2' section.

ISC 29 01:54:05.6-1.4, 1.1N:120.126.9E:0.7, h27km, n6, n16147, mb3.7/5, Northern Molucca Sea

Table for station data under 'ISC 29 01:54:05.6' section.

ISCJB 29 02:01:43.2-0.5, 36.41N:120.03:21.93E:0.05, h63km, 5km, mb3.6/6, Error ellipse: s-maj=7.7km s-min=-3.6km az=144.3

Table for station data under 'ISCJB 29 02:01:43.2' section.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kalavryta, Rioios of Patr, Loutraki, Nisos Algina, etc.

AUST 29 02:16:05.0, 10.99S-118.95E, h20km
DJA 29 02:16:07.6, 1.3, 11.5 S to 11.9E, h54km, 24km, M4, 4/4, mb4, 8/2, mb4, 6/4, M/LV, 3/3, MW(MB) 4, 1/2
IDC 29 02:16:12.8, 3.0, 10.27S-119.49E, h9km, 28km, mb3, 6/5, s-maj=46.8km s-min=14.6km az=73.0, Error ellipse:

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Waiungapu, Labuhan Bajo, Mataram, Bulukumba, Kappang, etc.

IDC 29 02:18:21.2, 5.5, 3.97S, 149.57E, h190km, 50km, mb3, 0/3, mb1 3.2/4, mb1mx2, 9/18, mbtpm3, 0/4, Error ellipse: s-maj=97.8km s-min=41.1km az=128.0, Bismarck Sea

IDC 29 02:28:00.5, 1.6, 5.45N, 126.25E, h14km, 9km, mb4, 6/29, mb1 4.7/29, mb1mx4, 6/31, mbtpm4, 7/29, MS, 4/4/32, Ms1 4.4/32, ms1mx4, 4/38, Error ellipse: s-maj=15.4km s-min=7.5km az=73.0

IDC 29 02:28:05.4, 0.4, 5.41N, 126.52E, 0.03, h69km, 3km, mb4, 9/130, Error ellipse: s-maj=4.9km s-min=2.8km az=171.4

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like General Santos, Davao City, Davao City-Mi, Sangihe, Bislig, Musuan, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Aseum Bagus, Yulib, Gresiik, Mantan Dam, Gumatmas, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like PSI Prapat, JNU Nakatsue, GYA Guiyang, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like CD2, DL2 Dalian, BJT Baijiatou, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like GTA, H11N1 WAKE ISLAND, etc.

Table with columns for station call letters, frequency, and other broadcast details. Includes stations like MK31 Makanchi Array, YAK Yakutsk, KSH Kashi, etc.

Table with columns for station call letters, frequency, and other broadcast details. Includes stations like SIZA PQL, IM04 Indian Mount, KBZ Khabaz, etc.

Table with columns for station call letters, frequency, and other broadcast details. Includes stations like KIEV Kiev, CFR Carcaulu, DLBC Dease Lake, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Terlingua Ranc, Rektika Farm, Cox Ranch, Black Gap, etc.

ISCJB 29:02:55:19.9,0.5,0.76S:0.05:99.78E:0.05,1100km, mb4.1/15, Error ellipse: s-maj=9.5km s-min=5.4km az=135.6

DJA 29:02:55:20.4,0.4,1.1S:5.10.0E:1.1, h78km=17km, M4.0/11, mb3.8/1, MLV4.1/11

NEIC 29:02:55:21.1,1.1,0.78S:99.98E, h91km, mb4.3/7, Error ellipse: s-maj=13.1km s-min=6.5km az=47.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Padiang Panjang, Mandailing Nat, BKNi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, ASAR Alice Springs, ASAR Alice Springs, etc.

IDD 29:02:56:27.9,3.1,5.50S:152.16E, h0km, mb3.6/3, mb1.3/9.5, mb1mx3.6/20, mbmtpp3.8/5, ML3.3/2, Error ellipse: s-maj=91.8km s-min=43.2km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warrungarra Arr, etc.

IDD 29:03:00:47.3,12.0,17.04S:69.50W, h100km, 107km, mb3.8/5, mb1.3/8.5, mb1mx3.5/18, mbmtpp4.1/5, Error ellipse: s-maj=57.3km s-min=29.6km az=136.0

ISCJB 29:03:03:46.1,3.1,1.71S:02.69.51W, 0.12, h173km, mb3.9/4, Error ellipse: s-maj=33.6km s-min=26.0km az=30.2

ISC 29:03:03:54.8,1.1,17.1S:02.69.51W, 0.2, h173km, n7, az=139.7, mb4.0/4, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, PLCA Paso Flores, DBIC Dimbokro, etc.

ISCJB 29:03:03:01.7,0.7,14.03N:0.10.93E, 0.1, h32km, mb3.7/12, Error ellipse: s-maj=14.2km s-min=13.6km az=146.6

ISC 29:03:03:03.0,2.0,7.13S:92.88E, h32km, 4km, mb3.5/12, mb1.3/7.13, mb1mx3.5/28, mbmtpp3.6/13, ML3.9/1, Error ellipse: s-maj=28.2km s-min=13.6km az=56.0

ISC 29:03:03:03.0,3.0,7.14.0N:0.1.93.01E, 0.09, h32km, n17, az=119.23, mb3.6/12, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

ISCJB 29:03:06:29.0,2.2,48.6S:0.5:104.9E, 1.0, h10km, mb3.8/4, Error ellipse: s-maj=111.6km s-min=17.1km az=34.6

IDD 29:03:06:29.0,2.2,48.6S:104.73E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.7/16, mbmtpp3.8/4, Error ellipse: s-maj=125.1km s-min=22.4km az=123.0

ISC 29:03:06:30.8,2.4,48.6S:0.5:104.8E, 0.7, h10km, n11, az=0.98, mb3.8/4, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

DDA 29:03:07:01.9,38.90N:31.39E, h7km, MD3.2, ISCJB 29:03:07:02.9,0.6,38.87N:0.03:31.41E, 0.02, h5km, 5km, Error ellipse: s-maj=4.9km s-min=2.9km az=1.0

ISK 29:03:07:02.1,38.86N:31.42E, h3km, ML3.3, CSEM 29:03:07:02.0,2.0,1.38:86N:31.43E, h2km, ML3.3, Error ellipse: s-maj=2.7km s-min=1.9km az=14.0

ISC 29:03:07:03.0,1.0,38.87N:0.02:31.41E, 0.02, h0km, 9km, n133, az=131/150, 8C-6D, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KIZT Kizilcal, BOLV Bolvadin, KDHN Kadinhani, etc.



Table of meteorological data for station BRVK Borovoye, including coordinates, elevation, and various atmospheric parameters like pressure, temperature, and wind speed.

Table of meteorological data for station KSAR Wonju Array Be, including coordinates, elevation, and various atmospheric parameters like pressure, temperature, and wind speed.

Table of meteorological data for station MKAR 38nm,0.3s, including coordinates, elevation, and various atmospheric parameters like pressure, temperature, and wind speed.

ISCJB 29 03:47:03.0:5:0.3, 43:41N:0:03:82:21E:0:05, h10km, mb4.2/24, Error ellipse: s-maj=5.3km s-min=4.0km az=179

IDC 29 03:47:03.0:6:4.3:26N:82:19E, h0km, mb4.0/13, mb1.4/120, mb1mx3.5/14, mbtmp3.9/20, ML3.8/7, MS3.0/2, MS1.3/0/2, ms1mx2.6/45, Error ellipse: s-maj=12.3km s-min=9.7km az=75.0

BUI 29 03:47:04.0:4:3:30N:82:10E, h0km, ML3.8/10, NEIC 29 03:47:05.0:5:0.3, 43:32N:82:19E, h10km, mb4.5/13, Error ellipse: s-maj=7.2km s-min=5.8km az=9.0

ISC 29 03:47:05.0:8:4.4:35N:0:04:82:25E:0:04, h10km, n79, c1566/88, mb4.1/24, Northern Xinjiang

Table of meteorological data for station MK31 Makanchi Array, including coordinates, elevation, and various atmospheric parameters like pressure, temperature, and wind speed.





29d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cape Leeuwin H, STKA Stephens Creek, ASAR Alice Springs, etc.

Code Station Name Az Phase ID Time Res
KAPPI Kappang 5.95 13 Pn ISC h m s ISC
KAPPI 1.6nm, 0.3s, baz=187, slow=11, SNR=6.4

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

MEX 29 05:10:58.2-0.9, 16.98N:94.73W, h160km, 14km, MD4.0, Oaxaca

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

BUI 29 05:12:20.6, 7.925S:131.06E, h34km, mB5.2/22, mb4.8/38, Ms4.8/10, Ms7.4/6.10

ISC 29 05:12:25.8-0.5, 6.89S:130.41E, h0km, mb4.7/16, mb1.4/7.19, mb1mx4.7/24, mbmp4.7/19, ML4.5/3, MS3.7/6, Ms1.3/7.6, ms1mx3.4/33, Error ellipse: s-maj=5.7km s-min=12.1km az=79.0

ISC 29 05:12:28.5-0.2, 6.97S:130.58E, 0.04, h33km, mb4.7/51, MS3.9/6, Error ellipse: s-maj=5.9km s-min=3.6km az=177.5

AUST 29 05:12:28.5-0.4, 7.03S:130.47E, h13km, 28km, Error ellipse: s-maj=12.0km s-min=8.7km az=38.0

NEIC 29 05:12:28.3-2.8, 7.00S:130.50E, h20km, 18km, mb4.8/15, Error ellipse: s-maj=8.5km s-min=5.8km az=75.0

MOS 29 05:12:29.5-1.4, 6.86S:130.60E, h37km, mb5.0/19, Error ellipse: s-maj=14.3km s-min=6.9km az=115.6

DJA 29 05:12:35.4-0.3, 7.7S:131.1E, h58km, 7km, Ms.0/25, mb5.5/16, mb5.0/25, MLV5.2/7, Mw(MB)4.9/16

ISC 29 05:12:31.1-0.4, 6.98S:130.52E, 0.06, h36km, 1km, h36km: p-P, n211, 0.1925/206, mb4.6/51, MS3.7/6, 9C-7D,

Code Station Name Az AZ Phase ID Time Res BNDI Bandanaira 2.52 346 P Pn 05 13 13.6 +4.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, TLE Tual, FAKI Fak Fak, KMPI Kaimana, Papua, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MWPI 118nm, 0.9s, 6um, 2.5nm, BAKI Biak, BBSI Bau Bau, etc.

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

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

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Table with columns: WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: ASPI Alice Springs, ASPI Alice Springs, ASPI Alice Springs, etc.

Table with columns: YNG Young, QIZ Qiongzong, PSI Prapat, PSI Prapat, etc.

Table with columns: CHAI Chiayupang, DZM Mont Dzumac, UTHA Uthaitani, etc.

Table with columns: CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai, etc.

Table with columns: KMI Kunming, KMI Kunming, KMI Kunming, etc.

Table with columns: CS01 China Array Si, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: HHC HHC, HHC HHC, HHC HHC, etc.

Table with columns: USRK Ussuriysk Arr, MDJ Mudanjiang, MDJ Mudanjiang, etc.

Table with columns: PKI Pulchoki, DMN Daman, KLR Kul'dur, etc.

Table with columns: PEAO Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, etc.

Table with columns: MK01 Makanchi Array, MK01 Makanchi Array, MK01 Makanchi Array, etc.

Table with columns: YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: SEY Seychan, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

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Table with columns: PcS PcS, S S, S S, etc.

Table with columns: RAMN Ramite, YSS Yuzh-Sakhalins, JIRN Jirni, etc.

Table with columns: PKI Pulchoki, DMN Daman, KLR Kul'dur, etc.

Table with columns: PEAO Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, etc.

Table with columns: MK01 Makanchi Array, MK01 Makanchi Array, MK01 Makanchi Array, etc.

Table with columns: YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: SEY Seychan, ZAAO Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BVA0, PPT2, BRVK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG, CTA, WRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TBH, TRN, etc.

ISCJB 29 05:48:20.8:0.6, 18.33N;0.07:146.6E:0.2, h64km,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like H1S3, H1S1, H1S2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SKR, SKR, PAU, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PSI, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG, WRA, FITZ, etc.

MOS 29 06:08:49.3:1.1, 48.67N;155.35E, h49km, mb4.2/9, Error ellipse: s-maj=15.3km s-min=6.3km az=65.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SKR, SKR, PAU, etc.

ISCJB 29 05:48:20.8:0.6, 18.33N;0.07:146.6E:0.2, h64km,

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND, ILAR Eielson Array, INK Inuvik, etc.

ADC 29 06:25:51.51.4.1, 11.91S; 166.00E, h0km, mb4.0/7, mb1.4/1.8, mb1mx3.9/2.0, mbtmp4.0/km, ML3.7/1, MS1.3/4.1, ms1mx2.8/2.6, Error ellipse: s-maj=43.3km s-min=26.0km az=128.0

ISCJB 29 06:25:53.51.0.12, 30S; 0.08E, 166.1E; 0.2, h30km, mb4.0/6, MS3.4/1, Error ellipse: s-maj=24.6km s-min=11.6km az=176.4

ISC 29 06:25:55.7.1.1, 12.11S; 0.10E, 166.1E; 0.2, h30km, n9, c2504/9, mb3.9/6, Santa Cruz Islands

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

TIF 29 06:29:25.1.41, 86N; 43.26E, h21km, 3km

ISC 29 06:29:24.7.3.2, 41.82N; 0.04E, 43.23E; 0.04, h6km, 24km, n5, c123/32, 1C-3D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKH Akhalkalaki, KZR Kazreti, DUS Dusheti, etc.

MEX 29 06:34:12.1.0.6, 19.35N; 103.76W, h5km, 3km, MD4.0, Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EZSV, R15V, MMIG, etc.

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Table with columns: TLIG, Tlapa, 5.24 109, i/P, S, Sn, 06 35 29.7, -1.6, 06 36 28.1, -4.2. Includes station code and name.

ADC 29 07:20:18.0.2.1, 27.22N; 143.04E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.3/2.3, mbtmp3.5/3, Error ellipse: s-maj=42.4km s-min=23.7km az=13.0, Bonin Islands region

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

ADC 29 07:34:59.6.1.8, 5.76N; 126.79E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.5/2.3, mbtmp3.6/4, Error ellipse: s-maj=176.9km s-min=28.7km az=57.0, Mindanao

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

ADC 29 07:39:18.9.3.1, 15.85S; 0.9, 173.2W; 0.6, h29km, n13, c185/5, mb3.8/4, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, HNR Honiara, etc.

ISCJB 29 07:57:58.5.2.1, 48.7S; 0.4, 105.3E; 0.7, h10km, mb3.9/5, MS3.6/4, Error ellipse: s-maj=86.0km s-min=17.1km az=35.4

ADC 29 07:57:58.3.2.2, 48.69S; 105.13E, h0km, mb3.9/5, mb1.4/1.5, mb1mx3.8/1.6, mbtmp3.9/5, MS3.6/5, Ms1.3/6.5, ms1mx3.4/2.3, Error ellipse: s-maj=95.9km s-min=20.9km az=124.0

ISC 29 07:57:59.4.2.1, 48.65S; 0.4, 105.0E; 0.5, h10km, n19, c126/8, mb4.0/5, MS3.6/4, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

ADC 29 07:59:12.8.1.8, 14.53S; 173.48W, h0km, mb3.3/3, mb1.3/6/3, mb1mx3.5/1.8, mbtmp3.3/3, Error ellipse: s-maj=89.3km s-min=23.8km az=155.0, Samoa Islands region

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, WRA Warramunga Arr, etc.

MAN 29 08:10:08, 4.85N; 126.52E, h51km, mb5.4, ML4.4, MS4.7

AUST 29 08:10:09.8.0.3, 5.26N; 126.71E, h0km, Error ellipse: s-maj=5.8km s-min=5.1km az=67.0

MOS 29 08:10:11.1.1.0, 5.51N; 126.30E, h33km, mb5.0/19, Error ellipse: s-maj=14.7km s-min=6.4km az=117.0

NEIC 29 08:10:13.7.0.3, 5.52N; 126.54E, h35km, mb4.8/21, Error ellipse: s-maj=9.4km s-min=6.4km az=72.0

ISCJB 29 08:10:15.9.0.5, 5.48N; 0.02E, 126.55E; 0.4, h76km, 4km, mb4.6/7.5, Error ellipse: s-maj=6.7km s-min=3.7km az=166.5

DJA 29 08:10:20.7.1.1, 5.7N; 9.12E, h71km, 9km, MS.4/14, MB5.6/2, mb4.9/14, MLV5.7/1, Mv(m)B5.1/2

ISC 29 08:10:15.9.0.3, 5.48N; 0.03E, 126.47E; 0.05, h54km, 2km, n240, c186/296, mb4.7/74, MS3.6/36, 11C-20D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI Mati, GSPH General Santos, etc.

CUYO Cuyo Island, PALU Palau

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSM Tawau, SDKM Sandakan, etc.

BTM Bintulu, SBUM Sibul

TPUB Ta-pu

MTN Manton Dam

DLV T Lat, QIZ Qiangzhong

KNRA Kununurra

MYKOM Kota Tinggi

KGM Kluang, FITZ Fitzroy Crossi

FRIM Kepong, IPM Ipoh

COEN Coen

KULM Kulim

CBJ Chichi jima, CJJ Chichijima

WRAB Tennant Creek

WRA Warramunga Arr

WRA Warramunga Arr

WR5 Warramunga Arr

MBWA Marble Bar

Table of astronomical observations for 2009 NOV, columns include object name (e.g., PBKT Sadao Pong), coordinates, magnitude, and other parameters.

Table of astronomical observations for 2009 NOV, columns include object name (e.g., SNY Shenyang), coordinates, magnitude, and other parameters.

Table of astronomical observations for 2009 NOV, columns include object name (e.g., MK31 Makanchi Array), coordinates, magnitude, and other parameters.

29d 8h

Table with columns: NOA, NORSAR Array B, 97.12 334 P, P, 08 23 40.4 -1.9, comp=Z,2.7nm,0.8s,baz=66,slow=4.6,SNR=8.0

IDL 29 08:13:45.7z 1.1, 15.75S:75:22W, h0km, mb4.1/7, mb1 4.1/9, mb1mx4.0/19, mbtpr4.0/9, ML3.6/2, MS3.3/5, Ms1 3.2/5, ms1mx2.9/30, Error ellipse: s-maj=43.7km s-min=19.0km az=39.0

ISCJB 29 08:13:48.9-0.7, 15.68S:0:07:74.94W:0.08, h30km, mb4.0/7, MS3.5/2, Error ellipse: s-maj=11.3km s-min=9.6km az=12.9

NEIC 29 08:13:55.6z 1.1, 15.85S:74:68W, h64km, 11km, mb4.6/1, Error ellipse: s-maj=15.9km s-min=9.1km az=70.0

ISC 29 08:13:50.6-0.6, 15.76S:0:08:74.98W:0.08, h30km, n46, c144/37, mb4.0/8, Near coast of Peru

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, LVC, Limon Verde, 8.95 141 ePn, Pn, 08 15 59.1 +1.5

IDL 29 08:15:23.3-3.5, 5.99S:150:31E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/18, mbtpr3.6/4, ML2.5/1, Error ellipse: s-maj=123.5km s-min=42.2km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, PMG, Port Moresby, 4.61 22Z Pn, Pn, 08 16 36.5 +2.2

2009 NOV

BJJ 29 08:30:32.4, 53:03N:108:02E, h10km, mb4.9/1, mb4.3/4, Ms4.5/3, Ms7.4/0.3, IDC 29 08:30:32.8-0.7, 53:05N:108:08E, h0km, mb3.8/8, mb1 3.9/13, mb1mx3.7/32, mbtpr3.7/13, ML3.5/4, MS2.6/1, Ms1 2.6/1, ms1mx2.5/48, Error ellipse: s-maj=17.0km s-min=15.1km az=100.0

ISCJB 29 08:30:32.3-0.3, 53:04N:0:02:108:02E:0:03, h10km, mb3.8/11, MS3.5/2, Error ellipse: s-maj=3.5km s-min=2.4km az=141.2

MOS 29 08:30:33.0z 1.2, 53:04N:107:96E, h12km, mb4.2/8, Error ellipse: s-maj=10.2km s-min=6.9km az=68.0

BYKL 29 08:30:34.6z 0.2, 53:05N:107:77E, FLT I=II MSK at Goryachinsk, Unguren, Ulan-Ude; III-IV at Yelantsy; IV at Goryachinsk; IV-V at Khujir

NEIC 29 08:30:34.0-0.5, 53:00N:107:92E, h10km, mb4.1/3, Error ellipse: s-maj=9.1km s-min=6.3km az=134.0

NEIC Felt [IV] at Khuzhir; [III] at Goryachinsk, Unguren and Yelantsy; [II] at Goryachinsk and Ulan-Ude.

ISC 29 08:30:33.1-0.4, 53:01N:0:02:107.97E:0:02, h10km, n93, c188/137, mb3.9/11, 6C-5D, Lake Baykal region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, MXMB, Maximikhka, 0.53 62Z Op, Pn, 08 30 46.2 -0.6

1132

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ARS, Arshan, 3.56 254 ePn, Pn, 08 31 29.8 +1.3

Table with columns: TUP, comp=N, f, m, 1.6s, Smax, 08 34 30.3, etc. Includes stations like KHNR Khani, YKLR Yuktali, ZALV Zalesovo Beam, etc.

Table with columns: OUR, LIA, Limnos Island, 0.54 104, S, Sb, 08 56 01.4 -0.7, etc. Includes stations like PAIG Paliouri, PAIG Paliouri, PAIG Paliouri, etc.

Table with columns: CBJU, Chichijima, 1.06 202, Sn, Sn, 09 00 46.0 +0.6, etc. Includes stations like JCHJ Chichijima, JHHJ Haha-jima-NKT, BSO1 Boso 1, etc.

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

Table with columns: OUR, MMB, Musomiste, 1.67 339, P, Pn, 08 56 12.8 -0.2, etc. Includes stations like KDD Kuzdzhali, KDD Kuzdzhali, KDD Kuzdzhali, etc.

Table with columns: HHC, Hu-ho-hao-te, 28.45 305, eP, P, 09 06 09.0 +4.0, etc. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

Table with columns: TRN 29 08:47:03.0, 14.79N, 59.64W, h84km, M3.5 (FDF), Windward Islands, Code, Station Name, Az, Az', Phase, ID, Time, Res, etc.

Table with columns: GUR, Goura, 2.69 220, eP, Pn, 08 56 27.2 +0.1, etc. Includes stations like GUR Goura, GUR Goura, GUR Goura, etc.

Table with columns: ZAK, Zakamensk, 37.14 318, eP, P, 09 07 21.3 +0.5, etc. Includes stations like ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk, etc.

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

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

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

ISCJB 29 08:55:43.9, 0.0, 42.02N, 143.50E, h303km, 65km, mb3.1/8, mb1.3/2.8, mb1mx3.0/2.7, mbtmp3.1/8, Error ellipse: s-maj=11.8km s-min=13.9km az=88.0, South of Mariana Islands

NIED 29 09:00:00.0, 28.10N, 142.90E, h5km, Mw4.2. Best double couple: M2 52000, 1015 NP1, 334 00000, 860 00000, 152.00000, NP2, 281 00000, 877 00000, 136 00000.

29d 9h

Table of station data for 29d 9h, including columns for station name, coordinates, and various parameters like pmax, mmax, and time.

2009 NOV

Main table of station data for 2009 NOV, listing stations like KBZ, KIV, NVAR, AKASG, etc., with their respective coordinates and parameters.

1134

Table of station data for 1134, including stations like URZ, BKZ, MSVF, etc., with their coordinates and parameters.



Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MEEK Meekatharra, BLDU Ballidu, MBWA Marble Bar, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HHC comp=Z,230nm,19.4s, HHC comp=Z,200nm,19.0s, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VSR comp=N,20nm,0.7s, VSR comp=E,20nm,0.8s, etc.

Table with columns: KRER, Koryakskii, 2.63 13 P, Pn, 10 21 12.9 +1.3

IDC 29 10:21:08.2+1.9, 30.105x177.53W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.7/16, mbtmp3.7/2, Error ellipse: s-maj=34.0km s-min=13.6km az=83.0, Kermadec Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res

WEL 29 10:22:12.4+0.3, 38.495x175.80E, h175km, 2km, ML3.6/11, 16C, Error ellipse: s-maj=2.1km s-min=1.8km az=0.0, North Island

Main table listing station names like Tolley Road, Allen Road, West Tongariro, etc., with associated coordinates and data.

NIED 29 10:22:00, 45.90N, 153.60E, h44km, Mw4.3 Best double couple: M3.55000x1015, N19.70x1000, S62.00000, -1.91, 0.00000, N12.00x260.00000, S6.00000, -1.60, 0.00000

MOS 29 10:22:26.9+1.1, 45.60N, 153.81E, h23km, mb4.7/27, Error ellipse: s-maj=9.0km s-min=7.3km az=117.4

s-min=3.7km az=151.4, BUJ 29 10:22:33.0, 45.74N, 153.18E, h33km, mb4.9/14, mb4.6/20, Ms4.3/4, Ms7.4/14, ISC 29 10:22:32.1+0.6, 45.53N, 153.58E, 0.06, h50km, m142, o1562/144, mb4.4/44, MS4.0/3, 5C-2D, East of Kuril Islands

Main table listing station names like Kuril'sk, Severo-Kuril'sk, Yuzh-Kuril'sk, etc., with associated coordinates and data.

Main table listing station names like HHC, HHC, HHC, ULN, ULN, ULN, etc., with associated coordinates and data.



29d 10h

Table with columns: Station ID, Name, Comp, Az, El, SNR, Az Error, El Error, SNR Error, and other metrics. Includes stations like SRU San Rafael, MCK McKinley, Y22A Socorro, etc.

2009 NOV

Table with columns: Station ID, Name, Comp, Az, El, SNR, Az Error, El Error, SNR Error, and other metrics. Includes stations like H17A Grant Village, DAWY Dawson, SMCO Snowmass, etc.

1138

Table with columns: Station ID, Name, Comp, Az, El, SNR, Az Error, El Error, SNR Error, and other metrics. Includes stations like JCT Junction City, L23A Garrett, P25A Wilyou Gulch B, etc.

Table with columns: Station ID, Station Name, Azimuth, Elevation, Frequency, SNR, and other technical details. Includes various station identifiers like J25A, V31A, D22A, etc., and their corresponding technical specifications.

29d 12h

Table with columns: ILAR, INK, PETK, YKA, RES, ARCES, FINES, TXAR. Includes station names, coordinates, and status.

JMA 29 10:50:11.4, 0.2, 27.84N, 127.76E, h19km, M3.1
ISCJB 29 10:50:12.4, 0.6, 27.76N, 127.84E, 0.06, h10km,
mb3.4/6, Error ellipse: s-maj=7.2km s-min=6.0km az=21.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like IJH, JOW, JTK, JAMN, etc.

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

IGQ 29 11:21:59.5, 1.28S, 78.04W, h11km, Mb4.1, Ms3.9,
SC-24D, Error ellipse: s-maj=1.6km s-min=0.7km az=3.6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like BRUN, BULB, ULBA, etc.

ISCJB 29 11:29:23.1, 3.5, 15.5S, 0.6:173.3W, 0.4, h2km, mb4.4/4,
Error ellipse: s-maj=96.3km s-min=15.9km az=29.3

ISCJB 29 11:29:28.1, 3.3, 0.5, 15.5S, 174.59W, h0km, mb4.4/4,
mb1.4/6, mb1mx4.0/19, mbmtmp3.6/4, MS3.3/1, Ms1.3/3/1,
ms1mx2.8/34, Error ellipse: s-maj=655.7km
s-min=159.8km az=85.0

AUST 29 11:29:32.7, 13.0, 15.52S, 171.95W, h190km, Error
ellipse: s-maj=8.1km s-min=1.6km az=20.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like AFI, NIUE, COEN, etc.

IGQ 29 11:36:03.8, 1.27S, 78.02W, h7km, 10km, Mb4.5, Ms4.3,
Error ellipse: s-maj=1.7km s-min=0.5km az=2.5

2009 NOV

ISCJB 29 11:36:06.3, 0.4, 1.31S, 0.03:78.23W, 0.05, h33km,
mb3.6/6, Error ellipse: s-maj=8.1km s-min=3.2km az=14.6

ISCJB 29 11:36:18.9, 6.1, 1.89S, 78.32W, h140km, 69km, mb3.5/4,
mb1.3/7.6, mb1mx3.4/22, mbmtmp3.6/7, MS2.8/2, Ms1.2/8/2,
ms1mx2.7/15, Error ellipse: s-maj=98.8km s-min=24.4km
az=43.0

ISC 29 11:36:06.3, 0.4, 1.31S, 0.03:78.23W, 0.07, h35km, n55,
r146:49, mb3.75, 3C-32D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like BRUN, BULB, ULBA, etc.

ISC 29 11:38:04.5, 7.1, 27.98N, 84.52E, h0km, mb3.7/3,
mb1.3/6.4, mb1mx3.2/26, mbmtmp3.6/4, ML3.3/1, Error
ellipse: s-maj=123.2km s-min=58.7km az=174.0

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

ISCJB 29 11:38:22.0, 8.0, 37.25N, 0.09:56.9E, 0.2, h10km, mb3.5/3,
Error ellipse: s-maj=23.3km s-min=7.9km az=30.3

ISC 29 11:38:24.0, 4.1, 37.17N, 57.13E, h0km, mb3.5/4,
mb1.3/7.7, mb1mx3.4/30, mbmtmp3.6/7, ML3.5/2, Error
ellipse: s-maj=64.2km s-min=22.8km az=67.0

CSEM 29 11:38:26.9, 0.2, 37.15N, 56.97E, h20km, ML2.8, Error
ellipse: s-maj=10.5km s-min=6.0km az=121.0

ISC 29 11:38:24.0, 0.9, 37.25N, 0.06:57.03E, 0.08, h10km, n15,
r28:13/14, Iran-Turkmenistan border region

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

ISC 29 11:40:30.3, 4.2, 6.71S, 128.07E, h334km, 48km, mb3.2/7,
mb1.3/4.10, mb1mx3.3/21, mbmtmp3.6/4, Error ellipse:
s-maj=37.5km s-min=14.7km az=64.0

ISC 29 11:40:30.3, 0.8, 6.64S, 128.3E, 0.2, h334km, n10,
r162:13, mb3.57, Banda Sea

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

1140

Table with columns: WRA, ASAR, ARSAR, CTA, STKA, SONM, PKAR, ZALV, KURBB. Includes station names, coordinates, and status.

ISC 29 11:42:11.2, 3.3, 18.73S, 174.81W, h9km, 54km, mb3.7/5,
mb1.3/8.6, mb1mx3.5/21, mbmtmp3.6/6, Error ellipse:
s-maj=45.0km s-min=22.2km az=128.0, Tonga Islands

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

ISC 29 11:57:02.2, 1.4, 4.26N, 126.91E, h0km, mb3.7/6,
mb1.3/9.6, mb1mx3.6/23, mbmtmp3.7/6, MS3.5/2, Ms1.3/5/2,
ms1mx2.9/35, Error ellipse: s-maj=64.6km s-min=19.2km
az=67.0

ISCJB 29 11:57:05.6, 1.2, 4.2N, 126.9E, 0.4, h36km, mb3.6/6,
MS3.5/1, Error ellipse: s-maj=57.1km s-min=15.8km
az=155.2

ISC 29 11:57:07.5, 1.4, 4.2N, 126.9E, 0.4, h36km, n8, r0:65/6,
Talaud Islands

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

ISC 29 12:01:11.4, 1.8, 1.02N, 124.28E, h0km, mb3.5/3,
mb1.3/7.4, mb1mx3.5/21, mbmtmp3.6/4, ML3.6/1, Error
ellipse: s-maj=124.8km s-min=25.5km az=66.0,

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

MOS 29 12:39:6.1, 8, 42.65N, 43.31E, h13km, mb4.0/1, Error
ellipse: s-maj=9.0km s-min=6.9km az=70.1

DDA 29 12:40.0, 42.48N, 43.42E, h5km, MD3.2
ISCJB 29 12:40.0, 0.5, 42.64N, 43.40E, 0.03, h5km, 4km,
Error ellipse: s-maj=4.4km s-min=3.3km az=20.7

CSEM 29 12:40.0, 0.2, 42.64N, 43.36E, h2km, mb4.0, Error
ellipse: s-maj=5.5km s-min=3.3km az=121.0

ISC 29 12:40.5, 0.8, 42.62N, 0.02:43.40E, 0.02, h11km, 5km,
n56, r0:85/90, 4C-5D, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like ONI, DIGR, ZEI, etc.



29d 12h

Table with columns: ID, Name, Az, El, Az El, P, Az El, Az El. Rows include: P29A Atwood, V32A Arapaho, 135A Vickers Place, N28A Pribbeno Ranch, X33A Lawton, E24A Baker, Z34A Collier Ranch, L27A T5 Ranch, H25A Fruitdale, J26A Sides Ranch, Q29A Oakley, C23A Lambert, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, OGNE Ogallala, S30A Montezuma, M27A Reverse DX, U31A Nine Bar Ranch, Y33A Hiltop Ranch, F24A Ekalaka, W32A Sentinel, O28A Krutsinger, A22A Carney Farms, I25A Rochford, D23A Lindsay, K26A Molz Farm, G24A Alzada, 134A White-Moore, R29A Marienthal, 335A Moody, P28A Saint Francis, V31A Spring Creek, T30A Plains, B22A Reddig Ranch, L26A Underwood, X32A Elmer, N27A Anderson Farm, J25A Sunshine Ranch, E23A Ismay, C22A Vida, Z33A Whitaker Ranch, H24A Dirks Ranch, Q28A Sharon Springs, S29A Ulysses, O27A Beecher Island, W31A Holland Ranch, U30A WK&E Inc, M26A McRoberts Ranch, Y32A R-V Farms, K25A Mack Ranch, A21A Bergtoll Ranch, F23A Volborg, R28A Tribune, D22A Cohagen, I24A Kuemmerle, T29A Hugoton, X31A McDonald Ranch, 133A Hamilton Ranch, 334A Lometa, P27A Ficken Ranch, E22A Miles City, N26A Koester Ranch, G23A Biddle, V30A Spur Ranch, L25A Engebretsen, B21A Ellsworth Farm, LAO LASA Array, LAO LASA Array, Z32A Hasckell, J24A Dixon Ranch, W30A Crockett Farms, U29A Oasis Ranch, KSCO Kaye Sheddock, S28A Manter, H23A Claibough Cattle, 434A Burnet, O26A Horse Wrangler, C21A Desert Coulee, M25A Palm-Egli Farm, F22A Rosebud, Y31A Rekieta Farm, K24A Anderson Ranch, I23A Meade Ranch, D21A La Casta Ranch.

2009 NOV

Table with columns: ID, Name, Az, El, Az El, P, Az El, Az El. Rows include: A20A Cobblestone Ra, ABTX Abilene, Hawle, ABTX Abilene, Hawle, ABTX Abilene, Hawle, P26A Davis Ranch, T28A Walsh, 333A Richland Sprin, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, Z31A Sharp Cattle R, V29A Stinnett, G22A Birney, N25A Grover, R27A Eads, E21A Keefer Ranch, X30A Coker Ranch, B20A Solberg Farm, J23A Ditts Ranch, S34A Blanco, L24A Wheatland, 232A Coleman, H22A Clearmont, O25A Wiggins, 433A Art, M24A Cheyenne, Q26A Hugo, S27A Las Animas, C20A Veaseth Ranch, U28A Mallet, Y30A Stafford Cattle, F21A Absaloka Mine, K23A Bowen Ranch, A19A Klindworth Far, T27A Campo, BDFB Brasilia, 131A Roby, R26A Arlington, 332A Millersview, AMTX Amarillo, AMTX Amarillo, AMTX Amarillo, P25A Willow Gulch B, 533A Kerrville, N24A Carr, V28A Channing, I22A 9 Mile Ranch, D20A Manuel Ranch, G21A Lodge Grass, L23A Garrett, B19A Brinkman Farms, H21A Big Horn, Sher, X29A Tulla, Z31A Bronte, J22A Midwest, U27A Thompson Grove, S26A Kim, W28A Vega, Z30A Sanderson Ranch, 432A Menard, E20A Meyer Farm, Q25A Bedland, Calha, M23A Laramie, 130A Snyder, Y29A Porfield Fa, O24A Longmont, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, T26A Comanche Natio, V27A Dan Oppiter Fa, F20A Billings, K22A Casper, D19A Cripps Ranch, X28A Dimmitt, P24A Kohler Place, 331A San Angelo, R25A Fountain Ranch, I21A Big Trails, 532A Rocksprings, L22A Ellis Ranch, Z29A Hungry Hill Ra, E19A Rath Farm, Rou, G20A Bridger.

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Table with columns: ID, Name, Az, El, Az El, P, Az El, Az El. Rows include: N23A Red Feather La, EGMF Eagleton, 230A Sterling City, Y28A McKinney Farm, 632A Uvalde, H20A Greybull, J21A Lysite, U26A Atchley Ranch, S25A Roberts Cordova, Q24A Divide, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, W27A Bowe Ranch, 431A Sonora, O23A Lake Granby, F19A Roth Farm, K21A Alcova, M22A Cedar Creek Ra, 129A Stewart Farms, 330A Mertzson, KIV Kislovodsk, T25A Trinidad, I20A Worland, 531A Rocksprings, N22A Wattenberg Ran, X27A F and S Farms, R24A Sanders Place, Z28A Tucker Farm, V26A Tequesquite Ra, MSTX Muleshoe, P23A Jefferson, 229A Bryant Ranch, J20A Shoshoni, OTAV Otavalo, OTAV Otavalo, 732A Laxson Ranch, 430A Baggett Ranch, U25A Circle Dot Ran, Q23A Hartsel, H19A Powell, W26A Owens Ranch, S24A Houchin Ranch, 631A Perdido Creek, Y27A Causey, 128A Castleberry Fa, 329A Wagon Wheel Ra, I19A Meeteetse, R23A Moffat, X26A OR and CF Fran, 530A J-C Ranch, V25A Rancho No Teng, Z27A Tatum, P22A Eagle, T24B San Luis, 228A UT Block 9, H18A Shoshone NF, W25A X Bar L Ranch, 429A Davenport Ranc, Y26A Elida, J19A Crowheart, S23A Nye Farm, U24A Moreno Valley, SMC0 Snowmass, SMC0 Snowmass, 127A Arkansas Junct, V24A Rampart Ranch, T23A Castias Ranch, 328A Wristen Ranch, X25A Clemmons Ranch, Z26A Caprock, N20A Spence Gulch, 227A Bennet, JAL, 529A Stev Forest Ra, 428A Kincaid Ranch, BW06 Boulder Array, BW06 Boulder Array, P24R Pinedale Array, P24R Pinedale Array, P24R Pinedale Array, P24R Pinedale Array, H17A Grant Village, S22A 4UR Ranch, Cre.





Table with columns: Station Name, Frequency, Band, Power, Azimuth, Elevation, SNR, and other technical parameters. Includes stations like SONM, HHC, and LZH.

Station status and operational information including UTC offsets, signal strength, and error rates. Includes text like 'BUJ 12:29:30.0, 0.333x126:19E, h68km, mB5.3/42, mb5.2/51, M5.4/950, Ms7 4.8/49'.

Table listing station identifiers (Code), station names (Station Name), and their geographical coordinates (Latitude, Longitude, Azimuth, Elevation). Includes stations like TNTI, KMSI, GTOI, and others.

Main table listing station identifiers, names, frequencies, bands, powers, azimuths, elevations, SNRs, and other technical details. Includes stations like KSM, KSM, KSM, KSM, KRKI, KNRA, and many others.

Main table listing station identifiers, names, frequencies, bands, powers, azimuths, elevations, SNRs, and other technical details. Includes stations like KCSI, SURT, GSU, GUNUNGSILO, PBKT, and many others.



29du 12h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TIXI, IAKL, IEMG, ISFR, IBAF, ABTO, etc.

2009 NOV

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VSR, MALT, KLMMR, ILAR, etc.

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NKC, NVAR, HLID, EGMT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WEL, WRA, ASAR, MKAR, and various other stations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WPHZ, WPHZ, PNHZ, PRHZ, and various other stations.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for KATZ, TWVZ, RAHZ, and various other stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like Kahutara, Karaka Road Bo, Waiaatarua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like Odawara 2, Matushihoro, Matushihoro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like Chiang Mai Arr, Chiang Mai, Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like IJOD2, MAT, MAT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like MOS 29, ISCJB 29, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I, S, P, M, X, Y, Z, and various other parameters. Includes stations like GYA, CMAR, CMAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSH Kashi, YAK Yakutsk, and various other regional stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BRTR Keskin Array B, WRA Warramunga Arr, and various other regional stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and various other regional stations.

29D 15hr

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DBIC, CPUP, BDFB, TORO, ASAR, AS31, WRA, H06E1, PDAR, NVAR, MKAR.

ADC 29 14:18:47.5:2.1, 0.91N:126.88E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.4/20, mbtmp3.5/3, Error ellipse: s-maj=168.8km s-min=25.3km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, MKAR.

ADC 29 14:22:34.7:5.0, 49.27Sx108.15E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/14, mbtmp3.5/2, Error ellipse: s-maj=22.7km s-min=54.5km az=117.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H01W2, H01W1, H01W3, ASAR, WRA, TXAR.

ADC 29 14:36:37.2:1.7, 29.86Sx178.90W, h321km, 2.2km, mb2.9/2, mb1 3.1/3, mb1mx3.0/16, mbtmp2.9/3, Error ellipse: s-maj=57.6km s-min=27.0km az=112.0, KermaDEC Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, URZ, ASAR, WRA, FINES.

ADC 29 14:57:39.2:0.7, 5.59N:126.61E, h0km, mb4.1/2, mb1 4.1/2, mb1mx4.0/23, mbtmp4.1/12, Error ellipse: s-maj=42.6km s-min=13.6km az=78.0

MAN 29 14:58:09.6:4.2N:126.30E, h41km, mb4.8, ML3.7, MS3.7

ISC 29 14:57:47.2:0.7, 5.51N:126.61E, h0km, n22, r192/18, mb4.1/13, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MATI, GSPH, DMPH, BIFP, BUKP, BUTAN, PAGZ, PALP, FITZ, WRA, ASAR, KSRK, STKA, ASAJ, SONM, PETK, MKAR, ZALV, ILAR, ARCES, FINES, TORO.

DJA 29 14:58:45.3:0.4, 3.14N:124.4E, h10km, M4.2/8, MLV4.2/8, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SGSI, KMSI, GTOI, MRSI, TMTI, TOLI, LUWI, DAV, APSI, LBMI.

MAN 29 15:02:13.9, 9.94N:122.25E, h4km, mb4.2, ML3.0, MS2.8, 1D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes station GUIM.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUIM, CUYO, CUYO, RCP, RCP, DCPH, DIPOLG, IPIL, IPIL, PAGZ, PAGZ, MSLP, MAASIN, ENPP, ENPP.

ADC 29 15:05:15.8:2.1, 6.72S:129.95E, h0km, mb3.8/2, mb1 3.8/5, mb1mx3.6/19, mbtmp3.6/5, ML3.7/3, Error ellipse: s-maj=77.4km s-min=25.0km az=73.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, CMAR, MKAR.

GUC 29 15:18:43.1:0.7, 28.46S:69.95W, h98km, 1.2km, ML4.0, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VACH, VACH, VACH, LCO, LCO, LCO, CPCH, CPCH, CPCH, CDCH, CDCH, CDCH, TLL, TLL, TLL, CMCH, CMCH, CMCH.

TAP 29 15:26:52.4:2.1, 41.12N:121.29E, h77km, ML3.5, C

JMA 29 15:26:53.0:0.6, 21.45N:121.44E, h153km, M3.5

ISC 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

ADC 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

LAY 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

TWK1 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

HEN 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

TAW 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

EAST 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

SCZT 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

ECL 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

TWP 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

TWG 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

TWM1 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

CHKT 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

CHKT 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

SGST 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

CHN1 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

CHN1 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

WTF1 29 15:26:52.0:2.6, 21.4N:121.33E, h0km, n12km, 12km

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

JMA 29 15:29:20.1:0.3, 24.07N:122.80E, h68km, M1.9

TAP 29 15:29:21.4, 23.77N:122.54E, h7km, 2km, ML2.8, D

ISC 29 15:29:20.6:3.3, 23.84N:122.82E, h0km, n7km, n26, r190/34, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YOJ, YOJ, HATJ, HATJ, IRIF, IRIF, IRIF, TWD, TWD, ENA, ENA, JKRS, JKRS, TWC, TWC, TWC, ESJ, ESJ, ESJ, JJJ, JJJ, ENTT, ENTT, ENTT, EHY, EHY, NNS, NNS, TWF1, TWF1, TWF1, NWF, NWF, NWF, NSK, NSK, YUS, YUS, YUS, SMLT, SMLT, TYC, TYC, NSTT, NSTT, NSTT, ALS, ALS, JJJ, JJJ, CHNS, CHNS, CHNS, WTP, WTP, WTP, SGST, SGST, CHN1, CHN1, CHN1, TWK, TWK, TWK.

AUST 29 15:40:04.6:9.0, 24.15Sx178.79E, h59km, 1km, Error ellipse: s-maj=3.9km s-min=2.0km az=19.0

ADC 29 15:40:05.2:1.0, 23.88S:178.24W, h359km, 171km, mb3.3/3, mb1 3.5/4, mb1mx3.1/18, mbtmp3.3/4, Error ellipse: s-maj=160.3km s-min=63.1km az=119.0

ISC 29 15:40:09.3:1.7, 23.85S:178.2W, 0.2, h350km, n12, r192/13, mb3.5/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, CMSA, CMSA, STKA, STKA, ASAR, ASAR, ASAR, WRA, WRA, MTN, MTN, KNRA, KNRA, FITZ, FITZ, MKAR, MKAR, AKASO, AKASO, BRTR, BRTR, MMAI, MMAI.

ADC 29 15:43:28.7:10.0, 18.92N:108.27W, h0km, mb3.3/3, mb1 3.8/4, mb1mx3.7/21, mbtmp3.3/4, ML3.4/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/15, Error ellipse: s-maj=174.5km s-min=72.8km az=148.0, Revilla GigeDO Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H06E1, H06E1, H06S1, H06S1, TXAR, TXAR, ANMO, ANMO, TEIG, TEIG, NVAR, NVAR, PDAR, PDAR, ILAR, ILAR.

ADC 29 15:53:56.0:4.5, 3.9S:0.7:25.2E, h0km, n7, r276/6, mb3.7/4, Zaire

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

ADC 29 15:53:56.0:4.5, 3.9S:0.7:25.2E, h0km, n7, r276/6, mb3.7/4, Zaire

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

ADC 29 15:53:56.0:4.5, 3.9S:0.7:25.2E, h0km, n7, r276/6, mb3.7/4, Zaire

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

ADC 29 15:53:56.0:4.5, 3.9S:0.7:25.2E, h0km, n7, r276/6, mb3.7/4, Zaire

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





29d 17h

Table with columns for property ID, name, address, price, and status. Includes listings for BCIP, GRGR, TRMP, MVM, ZAM, etc.

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Table with columns for property ID, name, address, price, and status. Includes listings for 529A, 430A, 331A, etc.

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Table with columns for property ID, name, address, price, and status. Includes listings for 125A, 224A, LIC, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes entries like Y22D IRIS PASCALI, LPM Los Pinos Moun, R30A Dighton, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes entries like L30A Spencer Herefo, Z14A Wintersburg, OGNE Ogallala, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes entries like K24A Anderson Ranch, SRU San Rafael, SRU San Rafael, etc.

29d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Rows include B30A Myrvik Farm, ISA Isabella, ISA Isabella, ISA Isabella, D27A Center, G23A Biddle, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, BW06 Boulder Array, R11A Troy Canyon, R11A Troy Canyon, C28A Hausauer Farms, F24A Ekalele, J19A Crowheart, GRAC Grapevine Rang, E25A Miller Ranch, I20A Worland, D26A Manning, H21A Big Horn, PKM Peak Mountain, B29A Wagenman Farm, A30A Hoffart Bonnet, G22A Birney, F23A Volborg, BGU Big Grassy Mou, C27A Saylor Ranch, H20A Greybull, SCH0 Schefferville, SCH0 Schefferville, E24A Baker, Vnda Vanda, Vnda Vanda, B28A Dugan Ranch, A29A Manning Farm, SMCC Simmler, I19A Meeteetse, D25A Fairfield, ULM Lac du Bonnet, ULM Lac du Bonnet, C26A Wahner Farm, TPH Tonopah, TPH Tonopah, G21A Lodge Grass, F22A Rosebud, RCTC Rector, Farmer, HVU Hansel Valley, HVU Hansel Valley, B27A Peters Farms, E23A Ismay, A28A Rude Farm, Bot, D24A Glendive, REDW Red Top Meadow, TSUM Tsumeb, TSUM Tsumeb, TSUM Tsumeb, TSUM Tsumeb, MTUM Tungsten Hills, C25A Fred Ranch, W, LOHW Long Hollow, H19A Powell, E22A Miles City, F21A Absaloka Mine, TPAW Teton Pass, G20A Bridger, B26A Jensen Ranch, MOOV Moose Ponds, I17A Pilgrim Ck, FXWY Fox Creek, A27A Ledoux Ranch, C24A Savage, D23A Mammoth Lakes, D23A Lindsay, ELK Elko, ELK Elko, IMW Indian Meadow, FLYW Flagg Ranch, B25A Knox Farm, RVY Vinedale Array, A26A Wade Farm, Ken, RLMT Red Lodge, F20A Billings, NVAR Mina Array Bea

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Rows include NVAR Mina Array Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, H17A Grant Village, H17A Grant Village, E21A Keefe Ranch, PPT2 Papeete2, PPT2 Papeete2, D22A Cohagen, YFT Old Faithful, C23A Lambert, YNR Norris Junction, F19A Roth Farm, A25A Svangust Ranch, YMR Madison River, YMR Madison River, DGMT Dagmar, DGMT Dagmar, D21A La Casta Ranch, E20A Meyer Farm, C22A Vida, WAKR Walker, A24A Westby, B23A Brockton, QLMT Earthequake Lak, E19A Rath Farm, D20A Manuel Ranch, B22A Reddig Ranch, C12A Desert Coulee, HLID Hailey, HLID Hailey, HLID Hailey, D19A Cripps Ranch, C20A Veseth Ranch, PAHR Pah Rah Range, MCMT Mckenzie Canyo, BOZ Bozeman, BOZ Bozeman, BOZ Bozeman, A22A Carney Farms, B21A Ellsworth Farm, DLMT Dillon, DLMT Dillon, DLMT Dillon, A21A Bergtoll Ranch, B20A Solberg Farm, LRM Limekiln Ridge, BEKR Castro Verde, A20A Cobblestone Ra, HRY Hot Researc, B19A Brinkman Farms, EGMT Eagleton, EGMT Eagleton, OHCM Hontcut, A19A Klindworth Pl, PBDV Barranco-Do-Ve, PNCL Nicolau / Gran, WVOR Wild Horse Val, WVOR Wild Horse Val, PCVE Castro Verde, PVAQ Vaqueiros, BOSA Boshof, BOSA Boshof, CHMT Chamberlain Mo, PBEJ Beja, EVOP Sao Brissos, EVOP Sao Brissos, J08A Circle Bar Ran, EVO Evora, EVO Evora, MOD Modoc, MSO Missoula, MSO Missoula, SLMT Sealley Lake, PMTG Montargil, BMO Blue Mountains, BMR Barranos, PTOM Tomar, PESTR Estrezo, WDC Whiskeytown Da, WDC Whiskeytown Da, SWMT Swartz Lake, SWMT Swartz Lake, PCAS Casimiro, Conde, YBMT Yellow Bay, M04C Macdoel, N02D Trinity Center, JTMT Jette, K05A Summer Lake, PMRV Marv, I07A Izeze, I07A Izeze, F10A Beach Ranch, E

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Rows include LBTB Lobatse, LBTB Lobatse, BLMT Blackfoot, PCBR Castelo Branco, BSMT Basso Peak, M02C Callahan, YBH Yreka Blue Hor, YBH Yreka Blue Hor, K04D Chiloquin, MTE Manteigas, FFC Film Flon, J05D Ford Rock, TAM Tamnarrasset, TAM Tamnarrasset, TAM Tamnarrasset, G08A Pilot Rock, WALA Waterton Lakes, POLO Lamas de Olo, VIPM Ingram Point, VIPM Ingram Point, E09A Wood Farm, E09A Wood Farm, J04D Umpuqia Natona, PCAB Cabril, PGAV Gavierra, HUMO Hull Mountain, L02D Cave Junction, I05D Terrebonne, MVO Moncorvo, G06A Carlson Farm, I04A Tendick Farm, H20WA Wauwau, HAWA HAWA, HAWA Bickleton, NEW Newport, NEW Newport, D08A Wolfman Farm, D08A Wolfman Farm, G05D Wamic, OR, PBRG Braganca, E07A Sunnyside, C09A Chrisman Ranch, H04A Detroit Lake, I03D Drain, I03D Drain, PAB Pablo, PAB Pablo, TRW Toppenish Ridg, ESCD Sonseca Array, ESCD Sonseca Array, ESLA Sonseca Array, SAW Saint Andrews, LTY Liberty, B08A Colville Reser, ETW Entiat, F04A Amboy, LON Longmire, LON Longmire, EDM Edmonton, EDM Edmonton, E03A Lebam, B06A Marblemont, JCW Jim Creek, MBW Mount Baker, NLWA Neilton Lookou, A05A Maple Falls, SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, SJPF Ste Jean, LSZ Lusaka, ETSF Etsaut, ETSF Etsaut, ETSF Etsaut, EPF Esparros, EPF Esparros, EPF Esparros, EPF Esparros, EPF Esparros, EPF Esparros, QUIF Quistinic, QUIF Quistinic, QUIF Quistinic, ROSF Rostrene, ROSF Rostrene, ROSF Rostrene, SGMF Saint Gilles, SGMF Saint Gilles, LFF La Frestale, LFF La Frestale, LFF La Frestale, LFF La Frestale, MTLF Montolio, MTLF Montolio, MTLF Montolio, MTLF Montolio, MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d

Table of astronomical observations for 1155, including station names (e.g., RJF, CAF, GRR), RA/Dec coordinates, and various observation parameters like elevation and SNR.

Table of astronomical observations for 2009 NOV, listing stations (e.g., SUMG, FUORNI, DAVA), RA/Dec coordinates, and observation parameters.

Table of astronomical observations for 29d 17h, listing stations (e.g., HABR, WMQ, KLR), RA/Dec coordinates, and observation parameters.

ISCJB 29 17:11:34.2+0.6, 52.688S, 0.08+26E, 0.1, h10km, mb4.4/13, MS3.7/7, Error ellipse: s-maj=22.7km s-min=1.1km az=175.0

ISC 29 17:11:34.2+0.6, 52.688S, 26.39E, h0km, mb4.4/14, mb1.4/5.14, mb1mx3.3/2.2, mbtmsp4.5/14, MS3.7/7, ms1.3/7.7, ms1mx3.5/2.4, Error ellipse: s-maj=24.5km s-min=1.4km az=81.0

ISC 29 17:11:35.6+0.6, 52.7S, 0.1, 26E, 0.2, h10km, n30, o075/18, mb4.6/13, MS3.7/7, South of Africa

Table with 8 columns: Code, Station Name, Az, Phase ID, Time Res, ISC h m s, ISC Res. It lists various stations and their associated parameters.

29d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EIL, WRA, SONMO, ARCES, RES, PDAR, NVAR.

ISCJB 29 17:21:13.9.0.5, 8.43S:0.06:36.90E:0.08, h10km, mb4.0/19, Error ellipse: s-maj=11.6km s-min=7.0km az=28.9

IDC 29 17:21:14.1.0.7, 8.47S:36.84E, h0km, mb4.0/19, mb1.4/123, mb1mx4.0/35, mbtmp4.0/23, ML4.3/4, MS3.6/1, Ms1.3/6.1, ms1mx3.0/30, Error ellipse: s-maj=21.3km s-min=14.8km az=129.0

ISC 29 17:21:16.0.0.6, 8.40S:0.06:36.87E:0.08, h10km, n28, c134/30, mb4.1/19, 2C, Tanzania

Main table for 29d 19h with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DODT, KMBO, MBAR, LSZ, OPO, LBTB, TSUM, BOS, TOR, DBIC, BRTR, CFR, BVAR, AKASG, DAVOX, VRAC, GERES, ESDD, AKTO, CMAR, BVAR, MKAR, KURBB, FINES, ZALV, ARCES, SONMO, NVAR.

ISCJB 29 17:21:27.3.0.5, 8.74S:0.07:36.7E:0.1, h10km, mb4.0/13, Error ellipse: s-maj=15.1km s-min=10.2km az=16.3

IDC 29 17:21:27.0.7, 8.72S:36.75E, h0km, mb4.0/13, mb1.4/216, mb1mx4.0/32, mbtmp4.1/16, ML4.6/3, Error ellipse: s-maj=24.3km s-min=14.1km az=108.0

ISC 29 17:21:29.2.0.6, 8.76S:0.09:36.8E:0.1, h10km, n19, c126/19, mb4.1/13, Tanzania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LSZ, OPO, LBTB, TSUM, BOS, SUR, TOR, DBIC, BRTR, AKASG, GERES, SNA, VNA2, VNA1, MKAR, KURBB, FINES, ASAR.

IDC 29 17:33:29.2.1, 5.91N, 127.21E, h0km, mb3.4/3, mb1.3/6.3, mb1mx3.3/22, mbtmp3.4/3, Error ellipse: s-maj=17.3km s-min=28.0km az=66.0, Philippine Islands region

2009 NOV

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

IDC 29 17:56:55.1+1.1, 23.75N:121.88E, h0km, mb3.5/6, mb1.3/6.7, mb1mx3.4/26, mbtmp3.6/7, ML3.5/1, Error ellipse: s-maj=73.5km s-min=19.0km az=68.0

ISCJB 29 17:56:57.3.0.4, 23.77N:0.02:122.45E:0.02, h17km, 3km, mb3.4/6, Error ellipse: s-maj=3.2km s-min=2.4km az=154.7

JMA 29 17:56:58.8.0.4, 24.05N:122.42E, h66km, M3.4 TAP 29 17:56:59.0, 23.84N, 121.38E, h24km, ML3.9, C

ISC 29 17:56:57.4.1.2, 23.79N:0.02:122.43E:0.02, h23km, 10km, n69, c0589/125, mb3.4/6, 16C-1D, Taiwan region

Main table for 2009 NOV with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HWA, TWD, TEGC, YOJ, ENA, ENA, ESL, TWC, EHY, EHW, TWF1, EGS, ILA, ENT, NNS, CHKT, CHKT, TWT, TWT, TWT, TWT, SMLT, SMLT, NWF, NWF, TYC, TYC, TAP, TAP, ALS, ALS, JKRS, JKRS, NSTT, NSTT, TTN, TWG, TWG, WNT, WNT, TWS1, TWS1, TWS1, TWS1, CHNS, CHNS, NCU, NCU, TCU, TCU, NSY, NSY, TSW, TSW, HSN, HSN.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WGK, WTK, WTP, WTP, ECL, ECL, CHN2, CHN2, SGST, SGST, CHN1, CHN1, TWK, TWK, TWK, CHY, LAY, WTCT, WTCT, TAW, TAW, EAST, EAST, CHN3, CHN3, WSF, WSF, SGLT, SGLT, TWM1, TWM1, TWM1, CHN8, CHN8, SCZT, SCZT, JTJ, JTJ, HEN, HEN, TWK1, TWK1, TWK1, PNG, PNG, KMM, KMM, KMM, KSRS, KSRS, SONM, SONM, MKAR, MKAR, ZALV, ZALV, WRA, WRA, ASAR, ASAR, FINES, FINES.

ISCJB 29 18:32:46.4.0.7, 8.3S:0.2:74.31W:0.08, h147km, mb3.8/6, Error ellipse: s-maj=23.6km s-min=9.0km az=20.7

IDC 29 18:32:47.7.2.2, 8.48S:74.42W, h155km, 26km, mb3.6/6, mb1.3/7.8, mb1mx3.6/22, mbtmp4.1/8, Error ellipse: s-maj=35.9km s-min=16.9km az=39.0

ISC 29 18:32:47.4.0.8, 8.45S:0.2:74.3W:0.1, h147km, n10, c095/11, mb3.6/6, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ATAH, ATAH, SIV, SIV, CPUP, CPUP, SJG, SJG, TXAR, TXAR, PDAR, PDAR, DBIC, DBIC, TORO, TORO, ASAR, ASAR, WRA, WRA.

ISCJB 29 18:42:48.5.0.8, 24.3N:0.1:94.7E:0.1, h112km, mb3.4/4, Error ellipse: s-maj=24.3km s-min=8.4km az=37.2

IDC 29 18:42:49.3.4.1, 24.42N:94.91E, h93km, 39km, mb3.1/4, mb1.3/1.5, mb1mx3.0/27, mbtmp3.0/5, Error ellipse: s-maj=69.8km s-min=18.4km az=68.0

ISC 29 18:42:50.0.1, 24.3N:0.2:94.7E:0.2, h112km, n7, c129/9, mb3.5/4, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IMP, IMP, SHL, SHL, CMAR, CMAR, MKAR, MKAR, SONM, SONM, WRA, WRA, ASAR, ASAR.

MEX 29 19:00:40.9.0.8, 17.19N:94.64W, h180km, 12km, MD4.1, Chiapas

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG Huatulco, PCIG Vista Hermosa, UTMTO Huajuapam, etc.

MEX 29 19:05:04.7-0.7, 19.00N:95.59W, h22km, 16km, MD4.0, Veracruz

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVIG Laguna Verde, TPIG Tehuacan, VHO Vista Hermosa, etc.

DJA 29 19:17:24.7-0.6, 3.5S:7.142E, h165km, 7km, M4, 8/5, mB5.0/1, mb4.9/5, MLV4.7/2, MW(mB)4.4/1

AUST 29 19:17:25.3-0.0, 4.06S:141.49E, h79km, Error ellipse: s-maj=1.2km s-min=0.9km az=35.0

ISCJB 29 19:17:28.0-0.5, 4.12S:0.06x141.55E:0.07, h150km, mb3.9/9, Error ellipse: s-maj=9.9km s-min=7.2km az=149.8

IDC 29 19:17:31.2-2.7, 4.16S:141.69E, h162km, 30km, mb3.7/11, mb1.3, 3.6/13, mb1mx3.8/19, mbtmp3.7/13, Error ellipse: s-maj=12.2km s-min=10.7km az=19.0

ISC 29 19:17:30.4-0.6, 4.09S:0.06x141.62E:0.08, h150km, n30, c190/30, mb3.9/9, New Guinea

Main table of station data for the left column, including codes like JAY, GENI, WAMI, SRPI, PMG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUIJ, MOS, NEIC, ISCJB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSMY Great Sitkin M, GSTR Great Sitkin T, GAEA Gareloi East, etc.

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MREP Makushin Rep't, SPIA Saint Paul Isl, ZRO Akutan Zet, etc.

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Main table of station data for the middle column, including codes like MCK, COLA, PAX, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEW, J05D, E09A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSMT Bassoo Peak, BMO Blue Mountains, J08A Circle Bar, etc.

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSO Missoula, SLMT Seelye Lake, KSRS Korea Army, etc.

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Attu Island-F 6.07 287 P S Sn 19 20 32.0 +4.3

Main table of station data for the right column, including codes like NVAR, MLAC, A20A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G21A, B06E, PDAR, etc.

29d 19h

Table with columns: ID, Name, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like J19A Crowheart, E22A Miles City, D23A Lindsay, etc.

2009 NOV

Table with columns: HHC, Hu-ho-hao-te, Az, El, AzEl, P, AzEl, P, AzEl, P. Includes entries like HHC, Hu-ho-hao-te, WUAZ Wupatki, etc.

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Table with columns: Z29A, Y30A, Z30A, etc. Includes entries like Z29A Hungry Hill Ra, Y30A Stafford Catt, Z30A Sentinel, etc.



1159

Table with columns: AFI, Afiamalu, 65.35 174, LR, LR, 19 51 19.6, etc. Includes entries like FINES, KMSC, NOA, etc.

MEX 29 19:33:00.0-6.16, 28N:93.93W, h98km, 8km, MD4.0. Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res.

ISJC 29 19:42:45.9-0.1, 26.10S:073.71, 11W:0.06, h31km, mb4.8/52, MS4.4/28, Error ellipse: s-maj=7.8km, s-min=2.9km, az=159.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like CDCH, CPCH, VACH, LCO, etc.

2009 NOV

Main table with columns: CFAA, CFAA, CFAA, etc. Includes entries like Coronel Fontan, CPUP, etc.

29d 19h

Table with columns: Z30A, Z35A, Y31A, etc. Includes entries like Sanderson Ranc, Bean Ranch, etc.

29d 20h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M31A, VDA, KIC, DBIC, etc.

2009 NOV

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like F20A, ULM, D23A, C24A, etc.

1160

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LBOS, UDYN, GSPH, etc.

1161

Table with columns for call sign, name, frequency, and status. Includes stations like KAPI Kappang, BKSJ Bulukumba, BCPH Baguio City Da, etc.

2009 NOV

Table with columns for call sign, name, frequency, and status. Includes stations like SSE comp=Z,2um,19.6s, CHAI comp=Z,2um,19.0s, WB0 Warramunga Arr, etc.

29d 20h

Table with columns for call sign, name, frequency, and status. Includes stations like CMMT Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

29d 20h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HNR, IMP, KMBL, BLDU, LZH, etc.

2009 NOV

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like H11N3, YUK, TAPN, ODAN, etc.

1162

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like IRK, MOY, WMQ, SMLA, etc.



29d 20h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VRAC, LSZ, TREC, etc.

2009 NOV

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MSKU, L23A, G27A, etc.

1164

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like 426A, R33A, 128A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tuckaleechee C, Lakeview Retre, Blacksburg, Corbin, Brewton, Horse Pasture, Cliffs of the, East Falkland, Tepich, Ascension, Tegucigalpa, UN, Paso Flores, JuntasAbangare, Tornquist, Mount Zennaro, Guantamo Bay, Grand Truck, Isla Barro Col, Presa de Sabán, Las Campanas, San Juan, Monte Pirata, Otavalo, Willy Bob, Limon Verde, Fort de France, Villa Florida, Villa Florida, Gun Hill, Greenville, Sao Paulo, Riachuelo, Brasilia, Brasilia, Samuel, Pitinga, Pitinga.

ROM 29 20:11:01.3.0.1, 42.34N, 13.52E, h7km, 1km, Md3, 2/28, M3, 2/27, Error ellipse: s-maj=1.4km s-min=1.0km az=63.0

ISCBJ 29 20:11:01.5.0.3, 42.34N, 02.13.50E, 0.03, h6km, 2km, mb3.4/1, Error ellipse: s-maj=3.4km s-min=2.8km az=140.9

CSEM 29 20:11:01.6.0.1, 42.34N, 13.48E, h2km, MD3.2, Error ellipse: s-maj=3.7km s-min=3.1km az=50.0

LDG 29 20:11:01.6.0.1, 42.30N, 13.49E, h2km, M2.7/5, Error ellipse: s-maj=3.8km s-min=2.5km az=38.0

IDC 29 20:11:02.6.1.4, 42.47N, 13.56E, h6km, mb3.5/2, mb1 3.6/5, mb1mx3.5/28, mbtm3.5/5, ML 3.2/3, Error ellipse: s-maj=45.7km s-min=14.2km az=95.0

PRU 29 20:11:04.6.42, 43.24N, 14.14E, h0km, n119, 01837/141, 2C-6D, Central Italy

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FAGN, VCEL, VCEL, FIAM, FIAM, TERO, TERO, PTQR, PTQR, LNSS, LNSS, INTR, INTR, VVLD, VVLD, VVLD, VVLD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CERT, CERT, GUAR, GUAR, NRCA, NRCA, TRTR, TRTR, MNS, MNS, MPLS, MPLS, LPEL, LPEL, OFFI, OFFI, OFFI, OFFI, POFI, POFI, POFI, POFI, CAFR, CAFR, SDF, SDF, SDF, SDF, FDMO, FDMO, FDMO, FDMO, RMP, RMP, RMP, RMP, CESI, CESI, CESI, CESI, GIUL, GIUL, GIUL, GIUL, GUMA, GUMA, GUMA, GUMA, RNI2, RNI2, RNI2, RNI2, RDP, RDP, RDP, RDP, MIDA, MIDA, MIDA, MIDA, TRIV, TRIV, TRIV, TRIV, CING, CING, CING, CING, VAGA, VAGA, VAGA, VAGA, BSSO, BSSO, BSSO, BSSO, SGG, SGG, SGG, SGG, ARVD, ARVD, ARVD, ARVD, MS1, MS1, MS1, MS1, NVLJ, NVLJ, NVLJ, NVLJ, NVLJ, NVLJ, UDBI, UDBI, UDBI, UDBI, BAI, BAI, STON, STON, STON, STON, SKDS, SKDS, SKDS, SKDS, PGF, PGF, PGF, PGF, BOJS, BOJS, BOJS, BOJS, JAVS, JAVS, JAVS, JAVS, VOY, VOY, VOY, VOY, ABTA, ABTA, ABTA, ABTA, BBLs, BBLs, IVAS, IVAS, DIVS, DIVS, FRF, FRF, FRF, FRF, LMR, LMR, LMR, LMR, MOTA, MOTA, MOTA, MOTA, FGSL, FGSL, TRUS, TRUS, MBDF, MBDF, GRUS, GRUS, LPGA, LPGA, LPGA, LPGA, SMRF, SMRF, SMRF, SMRF, GERES, GERES, GERES, GERES, KHC, KHC, KHC, KHC, CABF, CABF, CABF, CABF, ZAVO, ZAVO, ZAVO, ZAVO, HINF, HINF, HINF, HINF, HINF, HINF, HINF, HINF, HINF, HINF, KEST, KEST, KEST, KEST.

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

IDC 29 20:18:14.4.13.0, 4.70S, 152.19E, h134km, 122km, mb3.3/7, mb1 3.5/7, mb1mx3.4/18, mbtm3.3/7, Error ellipse: s-maj=49.6km s-min=34.5km az=101.0

ISCJTB 29 20:18:15.4.1.8, 4.65S, 0.2.152.0E, 0.4, h153km, mb3.4/7, Error ellipse: s-maj=54.1km s-min=19.5km az=25.8

ISC 29 20:18:16.5.1.8, 4.75S, 0.2.152.2E, 0.4, h153km, mb, 0.65/8, mb3.4/7, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, WRA, ASAR, ASAR, FITZ, FITZ, CMAR, CMAR, SONM, SONM, MKAR, MKAR, ILAR, ILAR, TORD, TORD.

ISCJTB 29 20:25:44.5.1.0, 12.55S, 0.2.165.8E, 0.1, h40km, mb3.7/7, Error ellipse: s-maj=25.4km s-min=14.1km az=21.6

IDC 29 20:25:48.2.7.9, 12.41S, 165.77E, h54km, 58km, mb3.4/7, mb1 3.6/8, mb1mx3.5/19, mbtm3.5/8, ML 4.1/1, Error ellipse: s-maj=52.0km s-min=28.1km az=114.0

ISC 29 20:25:46.0.1.1, 12.55S, 0.2.165.9E, 0.1, h40km, mb, 0.63/6, mb3.5/7, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, HNR, WRA, WRA, WRA, ASAR, ASAR, ASAR, USRK, USRK, CMAR, CMAR, SONM, SONM, ILAR, ILAR, MKAR, MKAR.

IDC 29 20:33:50.0.2.0, 5.27N, 126.05E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/22, mbtm3.5/4, Error ellipse: s-maj=161.6km s-min=25.2km az=64.0, Mindanao

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

TAP 29 20:45:32.8, 23.97N, 121.80E, h44km, ML3.4, B, JMA 29 20:45:33.3.0.5, 24.10N, 121.87E, h78km, M2.5

ISC 29 20:45:33.5.1.0, 23.95N, 121.84E, 0.02, h35km, 4km, n51, 0.85/84, 10C-4D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HWA, HWA, HWA, HWA, TWD, TWD, TWD, TWD, ESF, ESF, ESF, ESF, TEG, TEG, TEG, TEG, ESL, ESL, ESL, ESL, ENA, ENA, ENA, ENA, EHA, EHA, EHA, EHA, NNS, NNS, NNS, NNS, TWC, TWC, TWC, TWC, TWT, TWT, TWT, TWT, ENT, ENT, ENT, ENT, TWF, TWF, TWF, TWF, TWF, TWF, TWF, TWF, YUS, YUS, YUS, YUS, YUS, YUS, YUS, YUS, CHKT, CHKT, CHKT, CHKT, NSTT, NSTT, NSTT, NSTT, ALS, ALS, ALS, ALS.

29d 23h

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like TWQ1, WNT, WNT, TCU, etc.

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like VIGV, SOCV, etc.

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like NIUE, DZM, URZ, etc.

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Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like FORT, KDU, MTN, etc.

ISC 22:14:34.9, 3.1, 8.48S; 118.45E; h124km, 26km, mb3.0/3, mb1 3.3/6, mb1mx3.1/23, mbmt3.2/6, Error ellipse: s-maj=34.3km s-min=12.1km az=56.0

ISC 22:14:35.0, 0.4, 8.60S; 0.06, 118.40E; 0.05, h152km, mb3.2/5, Error ellipse: s-maj=6.7km s-min=5.8km az=24.6

AUST 22:14:46.0, 9.49S; 118.96E; h100km, ISC 22:14:36.8, 0.7, 8.56S; 0.06, 118.40E; 0.05, h152km, n24, @180/26, mb3.4/3, Sumbawa region

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like LBF1, WSI, etc.

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like ASAR, LHM, etc.

ISC 22:19:11.9, 0.5, 37.07N; 0.04, 71.98E; 0.08, h142km, mb3.5/9, Error ellipse: s-maj=9.6km s-min=5.0km az=167.2

ISC 22:19:11.4, 4.7, 36.98N; 72.00E; h124km, 34km, mb3.3/9, mb1 3.5/13, mb1mx3.3/30, mbmt3.4/13, MS3.1/1, Ms1 3.1/1, ms1mx2.5/26, Error ellipse: s-maj=46.5km s-min=20.5km az=156.0

ISC 22:19:13.1, 0.6, 37.10N; 0.06, 72.13E; 0.09, h142km, n32, @182/34, mb3.4/7, Tajikistan

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like AML, UCH, KZA, etc.

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Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like KURBB, BVAR, AKTO, etc.

JMA 22:36:26.7, 0.2, 33.09N; 138.18E; h374km, M3.1, ISCJB 22:36:30.2, 0.6, 33.18N; 0.07, 138.13E; 0.10, h341km, mb3.2/10, Error ellipse: s-maj=12.2km s-min=8.6km az=36.3

ISC 22:36:31.4, 1.4, 33.27N; 138.22E; h336km, 12km, mb3.0/10, mb1 3.1/12, mb1mx3.0/28, mbmt2.9/12, Error ellipse: s-maj=28.0km s-min=15.8km az=72.0

ISC 22:36:31.4, 0.9, 33.21N; 0.09, 138.12E; 0.08, h341km, n24, @111/28, mb3.1/10, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like T202, T205, etc.

MEX 22:40:27.0, 0.5, 14.08N; 93.05W; h17km, 38km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like THIG, PCIG, etc.

ISCJB 22:41:56.7, 0.9, 14.0N; 0.1, 93.26E; 0.10, h32km, mb3.8/8, MS3.6/1, Error ellipse: s-maj=17.1km s-min=11.8km az=147.5

ISC 22:42:05.7, 6.8, 14.21N; 93.50E; h91km, mb3.4/8, mb1 3.4/9, mb1mx3.2/26, mbmt3.3/9, ML4.0/1, MS3.6/1, Ms1 3.6/1, ms1mx2.8/27, Error ellipse: s-maj=44.4km s-min=17.3km az=54.0

ISC 22:41:59.3, 1.1, 14.0N; 0.1, 93.2E; 0.10, h32km, n13, @166/10, mb3.8/8, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase, Op, Time, Res, ISC. Includes stations like CMAR, H0BS3, etc.

ISC 22:37:17.1, 1.9, 20.0, 37.23N; 72.21E; h400km, 188km, mb2.8/1, mb1 2.6/4, mb1mx2.4/29, mbmt2.5/4, Error ellipse: s-maj=284.6km s-min=107.0km az=161.0, Tajikistan

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



ISCJB 29 23:17:43.1-0.3, 2.52:3N.01:1.76:40W.0:07, h138km, 4km, mb3.6/12, Error ellipse: s-maj=22.0km s-min=6.0km az=168.7

IDC 29 23:17:44.9-3.2, 5.2:32N.176:49W, h141km, 2gkm, mb3.5/12, mb1 3.7/13, mb1mx3.5/30, mbtmp3.4/13, Error ellipse: s-maj=25.3km s-min=12.2km az=166.0

NEIC 29 23:17:46.5, 51.94N:176:32W, h202km, MG4.3(AEIC), After AEIC

ISC 29 23:17:43.9-0.7, 5.22N:20:176:37W, h106, h133km, 5gkm, n42, c079/41, mb3.7/12, Andros Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSTD Great Sitkin T, GSKC Great Sitkin C, GSMY Great Sitkin M, etc.

ILAR Eielson Array 85.94 23 P P 23 55 45.1 -0.1
TORO Torodi Arr. Bea 145.09 28A PKPbc PKPbc 00 02 42.8 -0.5

ILAR Eielson Array 85.94 23 P P 23 55 45.1 -0.1
TORO Torodi Arr. Bea 145.09 28A PKPbc PKPbc 00 02 42.8 -0.5

IDC 29 23:51:09.17:7.16:22S:175:74W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/18, mbtmp3.7/4, Error ellipse: s-maj=321.2km s-min=35.5km az=140.0, Tonga Islands

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, etc.

MAN 29 23:55:55.936N:125:51E, h8km, mb4.5, ML3.4, MS3.3, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUTP Butuan, SCPL Surigao, etc.

NIED 30 00:06:00.40:70N:141:40E, h74km, Mw3.6 Best double couple: M2 45000, 1014 NP1a:181.00000, 833.00000, 1.83.00000, NP2a:45.00000, 10.00000, 1.134.00000, etc.

JMA 30 00:07:37.3:0.1, 40:68N:141:39E, h89km, 1km, M3.5 Broadband fault plane solution: P waves. NP1: 0.175.00000, 0.89.00000, 1.75.00000, NP2a:0.81.00000, etc.

IDC 30 00:06:38.3:2.3, 40:84N:141:26E, h92km, 20km, mb3.4/10, mb1 3.5/13, mb1mx3.4/30, mbtmp3.4/13 Error ellipse: s-maj=19.2km s-min=3.6km az=171.0

ISC 30 00:07:31.0:8.40:69N:104:141:39E, h0km, 6gkm, n30, c076/30, mb3.7/10, 7C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTM Tenmabayashi, JANG Nango, etc.

H1N2 WAKE ISLAND Hy 30 18 126 T 00 43 44.0
H1N1 WAKE ISLAND Hy 30 19 126 T 00 43 46.4

H1N3 WAKE ISLAND Hy 30 20 126 T 00 43 43.9
H1S1 WAKE ISLAND Hy 31 00 128 T 00 45 26.9

H1S3 WAKE ISLAND Hy 31 00 128 T 00 45 26.5
H1S2 WAKE ISLAND Hy 31 01 128 T 00 45 28.1

ZALV Zalesovo Beam 39.52 30 P P 00 13 58.2 -0.5
MKAR Makanchi Array 42.25 29 P P 00 14 21.5 +0.1

ILAR Eielson Array 85.94 23 P P 23 55 45.1 -0.1
BVAR Borovoye Array 48.16 31 P P 00 15 07.5 -0.5

INIK Inuvik 51.16 28 P P 00 15 30.0 -0.5
FINES FINES Array B 65.59 32 P P 00 17 10.5 -0.4

NVAR Nina Array Be 78.53 34 P P 00 17 58.3 +2.0
PDAR Pinedale Array 44.62 75 P P 00 18 10.6 +0.9

HOEI SOCORRO T-PHAA93 65 T T 02 00 10.1
IDC 30 00:13:26.5:10.1, 19:47S:175:98W, h176km, 9gkm, mb3.9/7, mb1 4.0/8, mb1mx3.7/20, mbtmp4.4/8, Error ellipse: s-maj=39.6km s-min=33.8km az=16.0

ISCJB 30 00:13:28.3:0.8, 19:6S:0:175:70W, 0.1, h223km, mb4.0/10, Error ellipse: s-maj=21.3km s-min=12.1km az=40.1

NEIC 30 00:13:28.1:1.4, 19:54S:175:73W, h200km, 14km, mb4.8/5, Error ellipse: s-maj=20.3km s-min=11.2km az=129.0

AUST 30 00:13:51.9:3.1, 21:46S:178:70W, h192km, Error ellipse: s-maj=2.7km s-min=1.3km az=8.0

ISC 30 00:13:29.2:0.7, 19:6S:0:175:54W, h223km, n34, c1122/34, mb4.1/10, Tonga Islands

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

ASAR Alice Springs 46.98 256 P P 00 21 37.8 -0.6
WRAB Warramunga Arr 47.02 261 P P 00 21 37.4 -1.2

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

WRA Warramunga Arr 47.02 261 P P 00 21 37.2 -1.5
WRA Warramunga Arr 47.02 261 P P 00 21 37.7 +0.5

MEX 30 00:41:01.8:0.6, 15:93N:98:84W, h20km, 9gkm, MD4.0, Off coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PINIG Pinotepa, ACX Acapulco, etc.

AUST 30 00:46:57.8:24:22S:175:111W, h450km, IDC 30 00:47:31.6:2.6, 23:51S:179:77W, h510km, 23km, mb3.5/9, mb1 3.7/9, mb1mx3.5/19, mbtmp3.5/9, Error ellipse: s-maj=55.5km s-min=16.5km az=156.0

ISCJB 30 00:47:33.1:0.9, 23:45S:0:179:90W, 0.2, h532km, mb4.0/9, Error ellipse: s-maj=42.5km s-min=12.5km az=154.9

ISC 30 00:47:33.9:1.1, 23:45S:0:179:90W, 0.2, h532km, n25, c1103/24, mb4.2/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EIDS Eidsvold, CMSA Cobar Meteorol, etc.

IDC 30 01:06:05.0.4.36.78N.0.03:72.05E.0.08,h142km, mb3.8/3, mb1.4/1.3,mb1mx3.7/1.8,mbtmp3.8/3, Error ellipse: s-maj=479.7km s-min=37.1km az=139.0,Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eilon Array.

ISCJB 30 01:06:05.0.4.36.78N.0.03:72.05E.0.08,h142km, mb3.7/8, Error ellipse: s-maj=8.9km s-min=4.2km az=164.2

IDC 30 01:06:06.0.4.7.36.87N.71.96E,h124km,38km,mb3.5/7, mb1.3/1.2,mb1mx3.3/3.2,mbtmp3.9/1.2, Error ellipse: s-maj=47.9km s-min=26.0km az=143.0

ISC 30 01:06:06.0.2.0.7.36.81N.0.06:72.09E.0.10,h142km,n30, r=127.32,mb3.8/8, Afghanistan-Tajikistan border region

Main table listing stations in the Afghanistan-Tajikistan border region, including AML Almayashu, UCH Uchtor, KZA Kyzart, etc.

IDC 30 01:08:41.4.1.5.1455N.123.69E,h0km,mb3.2/4, mb1.3/4.4,mb1mx3.25,mbtmp3.2/4, Error ellipse: s-maj=15.4km s-min=23.1km az=58.0,Luzon

Table listing stations in the Luzon region, including TGY Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 01:11:18.7.1.5.160N.126.45E,h0km,mb3.6/4, mb1.3/8.5,mb1mx3.5/2.2,mbtmp3.6/5,ML3.6/1, Error ellipse: s-maj=11.6km s-min=18.8km az=69.0,Northern Malacca Sea

Table listing stations in the Northern Malacca Sea region, including FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

BJI 30 01:13:15.4.21.90S:176.20W,h186km,mb5.2/12, mb4.9/15

IDC 30 01:13:16.0.1.8.21.76S:176.60W,h154km,1.4km, mb4.2/1.8,mb1.4/2.0,mb1mx4.3/2.5,mbtmp4.3/2.0,MS3.9/2, Ms1.3/9.2,ms1mx3.1/3.0, Error ellipse: s-maj=16.0km s-min=12.1km az=141.0

AUST 30 01:13:16.7.0.8.21.71S:176.06W,h189km,1.1km, Error ellipse: s-maj=10.2km s-min=7.9km az=177.0

NEIC 30 01:13:18.4.0.3.21.94S:176.50W,mb5.2/21, Error ellipse: s-maj=8.6km s-min=6.4km az=117.0

ISCJB 30 01:13:18.4.1.0.22.01S:0.44:176.61W:0.05, h188km,9km,mb4.8/3.6, Error ellipse: s-maj=7.7km s-min=6.4km az=26.4

GCMT 30 01:13:21.3.0.4.21.97S:176.36W,h185km,3km,MW5.1, Moment Tensor Solution: s25,c28: s65,c82: Moment tensor: Scale 10^19Nm; M1=0.37; M2=1.0; M3=0.19; M4=0.18; M5=0.26; M6=0.37; M7=0.15; M8=1.6; M9=1.4; Best double couple: M5:0.0000;1016 NP1:0.100000; s86.00000; lambda=161.00000. NP2:0.269.00000; s71.00000; lambda=5.00000. Principal axes: T 5.0900, P1g10.0000; Azm134.0000; N -0.1500, P1g70.0000; Azm13.0000; P -4.9400, P1g16.0000; Azm227.0000;

Data Used: IU JIC GU. MOS 30 01:13:25.2.1.4.22.31S:177.55W,h188km,mb5.3/3 Error ellipse: s-maj=18.3km s-min=12.6km az=4.8

ISC 30 01:13:19.0.0.4.21.92S:0.05:176.52W:0.06, h185km,2km,h185km;P-P,n247,r129/282,0.05,0.036, 53C-20D,Fiji Islands region

Main table listing stations in the Fiji Islands region, including MSVF Nonsavu, NIUE Niue, RAO Raoul Island, AFI Afiamau, etc.

Main table listing stations in the Pacific region, including FITZ Fitzroy Crossi, VANDA Vanda, KLBRR Kellerberrin, MEEK MEEK, MBWA Marble Bar, etc.

Table with columns: KSH, Kashi, 116.83 304, PKP, PKPdf, 01 31 42.5 +0.7, 01 32 40.0, 01 33 00.5 +7.1, 01 35 17.5 -1.1, etc.

Table with columns: TOR, Torodi Ar. Bea, 171.11 169, PKP, PKPab, PKPdf, 01 34 27.8 +1.7, 01 33 05.4 -0.6, etc.

Table with columns: TEIG, Tepich, 6.73 26, P, Pn, 02 45 25.5 -0.9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, ACN Pinotepa, CAIG El Cayaco, etc.

ADC 30 03:32:24.9.1.0.36:30N:30:68E, h0km, mb3.7/6, mb1.3/8/10, mb1mx3.6/27, mbtmp3.7/10, ML3.6/4, Error ellipse: s-maj=22.1km s-min=19.2km az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKAS Kas, AKAS Elmal, ELL Elmal, etc.

AKAS Kas 0.84 282 I S Pb 03 32 46.2 +0.9
AKAS Elmal 0.84 282 I S Pb 03 32 46.2 +0.9
ELL Elmal 0.89 320 eP G 03 32 45.2 -0.2

ALFC Alevga 1.85 119 P P 03 33 00.0 +1.5
ALFC Alevga 1.85 119 S Sn 03 33 23.4 +2.6
ALFC Alevga 1.85 119 S Sn 03 33 00.0 +1.5

ALFC Alevga 1.85 119 S Sn 03 33 00.0 +1.5
ALFC Alevga 1.85 119 S Sn 03 33 00.0 +1.5
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ALFC Alevga 1.85 119 S Sn 03 33 00.0 +1.5

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

ANTO Ankara 4.17 24 I P Pn 03 33 33.5 +3.1
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
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BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
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BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9
BALB Balikesir 4.17 30 eP Pn 03 33 32.3 +1.9

IDC 30 04:34:07.1.7.5.21:74S:170:49E, h0km, mb4.0/4, mb1.4/2.5, mb1mx4.0/17, mbtmp3.8/15, ML4.0/1, MS3.8/2, M1.3/7.2, m1mx3.0/28, Error ellipse: s-maj=123.7km s-min=98.5km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NORM Noumea, NORM Noumea, DZM Mont Dzumac, etc.

NORM Noumea 3.53 262 Op Pn 04 35 05.5 +5.8
NORM Noumea 3.53 262 eS Sn 04 35 05.8 -1.1
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
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DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
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DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3
DZM Mont Dzumac 3.56 265 Pn Pn 04 35 06.4 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro Prieto, El Mayor, Yuma Desert, etc.

Table with columns: ANMO, Lg, Lg, Time, Res. Includes stations like SRU San Rafael, Paradox Valley, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVTC Desert V Tower, ECXB El Chintero, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 113A, MONP Monument Peak, BC3 Big Chuckawalk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IARIG Pinedale Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSN Preselentsi, EFOR EFORIE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 121A, 121B, 121C, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonsavu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMRR Amara, NIUE Niue, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZIMR, SILT, CRLL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PRKR, PARASKEVI, AKHS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VRHR, GNI, GARNI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Nemuro, Rausu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, NB2 NORSAR Subarra, etc.

Code Station Name Az Az2 Phase ID Time Res ISC
WRA Warramunga Arr 21.49 15Z Op ISC h m s ISC

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, HUIG Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGIG Tlapa, HUIG Huatulco, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WEL 30 08:42:06.2, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RRRR Republican Roa, MWZ Matawai, etc.

ATH 30 08:46:36.9, 38.95N-25.69E, h28km, MD3.6/36, ML3.1
ISK 30 08:46:37.5, 38.86N-25.67E, h11km, ML4.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIGR SIGRI, SIGR SIGRI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIGR SIGRI, PRK Paraskevi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BLCB Balcova, BLCB Balcova, etc.

30d 9h

Table listing stations and their coordinates for the 30d 9h period. Columns include station name, coordinates, and other identifiers.

2009 NOV

Main table listing stations and their coordinates for the 2009 NOV period. Columns include station name, coordinates, and other identifiers.

1174

Table listing stations and their coordinates for the 1174 period. Columns include station name, coordinates, and other identifiers.



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N1 WAKE ISLAND Hy 39.55 330 T, H11N2 WAKE ISLAND Hy 39.56 330 T, ASAR Alice Springs 50.08 252 P, etc.

ISC/JB 30 09:50:21.2-1.0, 6.74S:0.07x129.5E:0.2, h139km, mb3.7/4, Error ellipse: s-maj=21.4km s-min=10.3km az=174.2

IDC 30 09:50:28.6-2.7, 6.85S:129.55E, h196km, 25km, mb3.4/4, mb1 3.4/6, mb1mx3.2/20, mbtmp3.3/6, Error ellipse: s-maj=42.8km s-min=15.0km az=63.0

ISC 30 09:50:22.3-1.2, 6.95S:1.1, 129.5E:0.2, h139km, n7, s=619.9, mb3.7/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi 11.80 198 P, WRA Warramunga Arr 13.83 161 P, ASAR Alice Springs 17.25 166 P, etc.

IDC 30 09:54:57.5-24.0, 0.141N:17.35W, h0km, mb3.7/2, mb1 3.8/3, mb1mx3.5/26, mbtmp3.9/3, ML3.9/1, Error ellipse: s-maj=636.7km s-min=75.0km az=177.0

ISC 30 09:55:00.9-4.0, 0.8N:0.2, 17.4W:0.3, h10km, n13, r1907/6, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H10N2 ASCENSION HYDR 9.01 161 T, H10N3 ASCENSION HYDR 9.01 161 T, H10N1 ASCENSION HYDR 9.02 161 T, etc.

IDC 30 09:55:54.9-11.0, 15.33S:172.90W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/19, mbtmp3.3/2, Error ellipse: s-maj=567.0km s-min=26.8km az=140.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalo 1.78 38 P, WRA Warramunga Arr 50.33 257 P, ASAR Alice Springs 50.59 252 P, etc.

MEX 30 09:57:30.3-0.6, 16.50N:98.99W, h7km, g8km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa 0.84 97 P, ACX Acapulco 0.91 294 P, TLIG Tlapa 1.13 21 P, etc.

IDC 30 10:01:24.2-3.4, 10.87S:162.34E, h47km, g29km, mb3.2/3, mb1 3.6/5, mb1mx3.7/18, mbtmp3.7/5, ML3.6/2, Error ellipse: s-maj=49.8km s-min=30.2km az=67.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara 2.76 301 P, DZM Mont Dzumac 1.91 61 P, WRA Warramunga Arr 28.43 248 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy 30.73 8 T, SONM Songo Air Ferry 76.58 325 P, H03N2 Juan Fernandez 106.98 130 T, etc.

MEX 30 10:04:01.9-0.9, 14.41N:94.04W, h16km, 21km, MD3.6, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG PCIG 1.51 31 Op, THIG THIG 1.78 74 iP, HUIG Huatulco 2.42 304 iS, etc.

IDC 30 10:05:10.3-9.3, 7.50S:128.87E, h149km, 97km, mb3.5/3, mb1 3.5/5, mb1mx3.3/18, mbtmp3.5/5, Error ellipse: s-maj=92.6km s-min=30.3km az=79.0

AUST 30 10:05:16.5, 7.48S:129.54E, h100km, ISC 30 10:05:10.7-1.3, 7.49S:129.0E:0.2, h150km, n11, s=1163.9, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TLE Tuel 4.15 64 P, MTN Mantion Dam 5.72 159 P, KDU Kakadu 6.20 147 P, etc.

IDC 30 10:42:05.6-1.0, 16.56S:174.16W, h0km, mb4.0/7, s-maj 4.8/7, mb1mx4.0/19, mbtmp4.0/7, Error ellipse: s-maj=43.7km s-min=20.0km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalo 3.50 41 Pn, AFI Afiama 3.50 41 Pn, DZM Mont Dzumac 19.11 250 P, etc.

CASC 30 11:08:02.4-1.4, 13.28N:90.20W, h27km, g6km, MD3.6, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SBLS San Blas 0.79 45 P, RTR El Retiro 0.82 41 P, SNET Serv Nac Est T 1.03 67 P, etc.

IDC 30 11:45:41.1-3.9, 16.97S:175.16W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.7/18, mbtmp3.5/4, MS3.8/6, MS1 3.8/6, ms1mx3.5/18, Error ellipse: s-maj=270.8km s-min=25.9km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalo 4.46 47 Pn, AFI Afiamalo 4.46 47 Pn, H11N1 WAKE ISLAND Hy 40.49 333 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes BRTR Keskin Array B 146.25 318 PKPbc, IDC 30 11:47:43.6-2.4, 16.08S:175.76W, h0km, mb4.0/6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac 17.84 248 LR, HNR Honiara 24.56 283 LR, PPT Papeete 25.11 97 LR, etc.

IDC 30 11:49:33.1-2.1, 7.02S:129.12E, h0km, mb3.3/1, mb1 3.4/3, mb1mx3.2/18, mbtmp3.2/3, ML3.5/2, Error ellipse: s-maj=136.5km s-min=31.8km az=67.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr 13.81 159 Pn, WRA Warramunga Arr 13.81 159 Pn, ASAR Alice Springs 17.18 165 Pn, etc.

ISK 30 11:53:35.9, 38.92N:41.97E, h5km, MD3.5, ML3.1, ISC/JB 30 11:53:37.8-0.5, 38.96N:0.04x195E:0.05, h8km, Error ellipse: s-maj=6.1km s-min=5.5km az=150.8

CSEM 30 11:53:37.3-0.3, 38.92N:42.03E, h2km, MD3.4, Error ellipse: s-maj=8.9km s-min=8.2km az=95.0

DDA 30 11:53:38.5, 39.07N:42.02E, h4km, MD3.4, ISC 30 11:53:37.6-1.0, 38.99N:0.03x42.00E:0.03, h8km, n38, s=680/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EKAR Karacaban 0.27 11 iP, EKAR Karacaban 0.27 11 iP, WRB Varto-Mus 0.45 292 eP, etc.

IDC 30 11:54:31.1-6.7, 31.63N:138.00E, h0km, mb3.2/2, mb1 3.5/4, mb1mx3.2/27, mbtmp3.3/4, ML2.8/1, Error ellipse: s-maj=180.8km s-min=30.7km az=50.0

JMA 30 11:54:59.6-0.3, 32.84N:136.12E, h473km, M3.4, ISC/JB 30 11:55:03.6-0.7, 33.22N:0.1x136.2E:0.1, h450km, mb2.7/2, Error ellipse: s-maj=18.7km s-min=10.8km az=36.4

ISC 30 11:55:04.6-1.2, 33.33N:0.1x136.2E:0.1, h450km, n13, s=153/16, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JIE Ise 1.16 21 P, JWT Wachi 2.08 342 P, JMW Matsuyama 2.42 19 P, etc.

IDC 30 12:05:24.2-7.6, 34.40N:75.60E, h0km, mb3.6/2, mb1 3.6/3, mb1mx3.2/27, mbtmp3.4/3, ML2.7/1, Error ellipse: s-maj=257.7km s-min=39.6km az=135.0

ISC/JB 30 12:05:43.0-2.2, 36.9N:0.2x76E:0.4, h42km, mb3.5/2, Error ellipse: s-maj=51.1km s-min=17.0km az=37.2

ISC 30 12:05:45.3-2.2, 37.0N:0.3x75.2E:0.3, h42km, n11, s=1936/11, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AML Almayashu 5.25 10 P, UCH Uchtor 5.49 16 P, KZA Kyzart 5.54 22 P, etc.



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Table with columns: CDF, Champ du Feu, CDF, comp=, CDF, BAIF, BAIF, BAIF, ILAR, ILAR, ILAR, TORO, TORO, TORO, YKA, YKA, MAW, MAW, ROSC, ROSC, CPUP, CPUP, CPUP. Includes various codes, station names, times, and magnitudes.

ISC/JB 30 13:02:27.5.0.2.59.94N.0.02.152.81W.0.05, h116km, 2km, mb3.9, Error ellipse: s-maj=4.3km s-min=3.2km az=132.7

NEIC 30 13:02:30.1.59.95N.152.88W, h101km, MG3.5(AEIC), After AEIC.

ISC 30 13:02:31.0.3.5.60.26N.152.84W, h119km, 3.4km, mb3.6/6, mb1 3.6/1.0, mb1mx3.4/2.9, mbtmp3.6/1.0, MS3.8/1, Ms1 3.8/1.1, ms1mx2.9/4.4, Error ellipse: s-maj=31.6km s-min=21.6km az=2.0

ISC 30 13:02:28.9.0.7.59.94N.0.003.152.82W.0.03, h112km, 5km, m109, a1914/128, mb4.0/6, Southern Alaska

Main table for station data in the left column, listing station names, codes, times, and magnitudes.

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Table with columns: YKA, YKA, PETK, PETK, NVAR, NVAR, ASAJ, ASAJ, KSRS, KSRS, KSAR, KSAR, SONM, SONM, ZONM, ZONM, ZALV, ZALV, MKAR, MKAR, BOSB, BOSB, BOSB. Includes various codes, station names, times, and magnitudes.

ISC/JB 30 13:12:41.2.0.6.3.93N.0.08.123.2E.0.1, h545km, mb3.6/6, Error ellipse: s-maj=15.5km s-min=9.6km

DJA 30 13:12:44.0.1.0.4.13.13.12.3E, h543km, 8km, M4.2/5, mb5.5/3, mb4.6/5, Mlv3.8/3, Mwm(5)5.0/3

ISC 30 13:12:44.0.1.0.4.13.13.12.3E, h583km, 29km, mb3.0/8, mb1 3.1/8, mb1mx2.9/2.4, mbtmp3.0/8, Error ellipse: s-maj=43.0km s-min=9.1km az=64.0

ISC 30 13:12:42.0.0.7.3.82N.0.09.123.1E.0.1, h545km, m18, a1952/24, mb3.7/8, Celebes Sea

Main table for station data in the middle column, listing station names, codes, times, and magnitudes.

ISC 30 13:21:41.3.4.3.4.22.13S.176.39W, h100km, 28km, mb4.3/1.1, mb1 4.4/1.2, mb1mx4.1/2.1, mbtmp4.3/1.2, Error ellipse: s-maj=28.9km s-min=15.8km az=131.0

ISC/JB 30 13:21:42.5.1.7.2.2.185.0.08.176.5W.0.1, h121km, 18km, mb4.8/2.5, Error ellipse: s-maj=19.0km s-min=9.3km az=35.5

MOS 30 13:21:45.3.0.21.64S.177.24W, h103km, mb5.2/4, Error ellipse: s-maj=23.1km s-min=15.6km az=176.0

AUST 30 13:21:48.0.2.1.82S.175.99W, h200km, BUI 30 13:21:48.5.2.2.39S.176.99W, h164km, mb5.1/8, mb5.0/1.2

NEIC 30 13:21:48.7.0.2.22.28S.176.49W, h167km, 16km, mb4.8/8, Error ellipse: s-maj=16.6km s-min=9.9km az=109.0

ISC 30 13:21:48.7.0.6.2.234S.0.06.176.5W.0.1, h165km, 2km, h164km, ppP=1, n137, a1910/168, mb4.8/25, 14C-13D, South of Fiji Islands

Main table for station data in the middle column, listing station names, codes, times, and magnitudes.

Table with columns: COEN, COEN, HTT, HTT, BBOW, BBOW, AS31, AS31, ASAR, ASAR, ASAR, ASAR, WRAB, WRAB, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA. Includes various codes, station names, times, and magnitudes.

ISC 30 13:21:42.0.6.3.93N.0.08.123.2E.0.1, h545km, mb3.6/6, Error ellipse: s-maj=15.5km s-min=9.6km

ISC 30 13:21:42.0.6.3.93N.0.08.123.2E.0.1, h545km, mb3.6/6, Error ellipse: s-maj=15.5km s-min=9.6km

ISC 30 13:21:42.0.6.3.93N.0.08.123.2E.0.1, h545km, m18, a1952/24, mb3.7/8, Celebes Sea

ISC 30 13:21:42.0.6.3.93N.0.08.123.2E.0.1, h545km, m18, a1952/24, mb3.7/8, Celebes Sea

Main table for station data in the right column, listing station names, codes, times, and magnitudes.

30d 13h

Summary table for station data in the right column, listing station names, codes, times, and magnitudes.



ISCJB 30 13:44:09.4-0.9, 22:06N, 01:08:93.6E, 0.1, h52km, mb3.8/5, Error ellipse: s-maj=19.1km s-min=6.5km az=149.5

IDC 30 13:44:14.3-5.4, 22:38N-94.00E, h78km, 46km, mb3.5/5, mb1 3.7/6, mb1mx3.3/26, mbtmp3.4/6, ML3.9/1, Error ellipse: s-maj=103.9km s-min=16.4km az=57.0

ISC 30 13:44:11.8-1.1, 22:11N, 01:09:63.6E, 0.1, h52km, n8, r144/11, mb3.8/5, Myanmar-India border region

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like IMP, SHL, CMAR, MKAR, ZALV, WRA, ASAR, GERES.

NIED 30 13:48:00.21:60N, 121:30E, h23km, Mw4.0. Best double couple: M1.27000-1015 N1.185 00000, 885 00000, lambda=97.00000, NP2=58.00000, delta=90.00000, lambda=3.700000

IDC 30 13:48:24.6-0.7, 21:55N-121:15E, h0km, mb3.8/11, mb1 4.0/12, mb1mx3.9/25, mbtmp3.8/12, ML3.6/1, MS3.4/5, Ms1 3.5/5, ms1mx3.2/35, Error ellipse: s-maj=32.0km s-min=15.0km az=67.0

TAP 30 13:48:27.8, 21:56N, 121:06E, h30km, ML4.2, C JMA 30 13:48:31.5, 21:58N, 121:32E, h75km, ML3.8

ISC 30 13:48:27.6-1.1, 21:59N, 00:51:12.4E, 0.04, h18km, 8km, n6.4, r14/84, mb3.7/11, MS3.6/4, 4C-6D, Taiwan region

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like TWK1, HEN, HAY, LAY, TAW, EAST, SCZT, ECL, TWP, TWG, KAU, SSD, SGL, TWM1, CHKT, SGST, CHN3, CHN1, WTP, TW1, TWK, YUS, EHY, ALS, WCK, CHN5, WSF, WSF, ESL, SMLT, SMLT, WNT, TYC, WTC, WTCT, PNG, TWT, TWT, OCLP, NSY, NNS, ENA, ENT, ENT, NSK, NSK, TWC, YOJ, YOJ, HATJ, NWF, IRIF, IRIF, KNM.

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like JKRS, JKRS, JIJ, JIJ, JIJ, JIJ, JKRS, CMAR, SONM, MKAR, MKAR, ZALV, ZALV, WRA, WRA, WRA, KURBB, ASAR, ASAR, HNR, STKA, ILAR, FINES, YKA.

IDC 30 14:23:49.7-4.7, 59:56S, 156:59E, h0km, mb3.4/2, mb1 3.9/3, mb1mx3.8/11, mbtmp3.6/3, ML3.5/1, MS3.9/8, Ms1 3.9/8, ms1mx3.8/12, Error ellipse: s-maj=41.8km s-min=33.5km az=75.0, Macassar Island region

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like Vnda, Vnda, RPZ, STKA, QSPA, H01W1, H01W2, H01W3, MAW, MAW, ASAR, ASAR, WRA, RKT, VAH, KAPI, H08S2, H08S1, H08S3, H08N1, H08N2, CMAR.

IDC 30 14:47:25.5-3.0, 3:54N-95:69E, h0km, mb3.6/3, mb1 3.6/5, mb1mx3.3/26, mbtmp3.5/5, ML3.4/2, MS3.3/1, Ms1 3.3/1, ms1mx2.7/28, Error ellipse: s-maj=90.5km s-min=26.0km az=50.0, Off west coast of northern Sumatara

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like PSI, CMAR, H08S2, H08S3, H08S1, JNU, WRA, MKAR, ZALV.

MAN 30 15:05:52, 11:08N, 124:69E, h7km, mb4.3, ML3.2, MS3.0, 2D, Leyte

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like OCLP, PLP, MSLP, WRA, SONM, ASAR.

IDC 30 15:06:38.3-1.6, 13:67N, 125:31E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.4/23, mbtmp3.4/5, Error ellipse: s-maj=66.7km s-min=22.1km az=62.0

ISCJB 30 15:06:39.7-1.0, 13:58N, 01:07:125:40E, 0.1, h24km, mb3.4/5, Error ellipse: s-maj=12.5km s-min=9.0km az=142.6

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like PVCP, PLP, CMAR, WRA, SONM, ASAR.

0.3nm, 0.5s, baz=343, slow=6.8, SNR=7.9  
MKAR Makanchi Array 48.87 322 P 15 15 25.0 -0.3  
0.4nm, 0.9s, baz=116, slow=6.6, SNR=3.0

NEIC 30 15:36:16.5, 32:65N, 115:65W, h4km, ML2.9(PAS), ML3.1(1ECC), After Pass  
ECX 30 15:36:17.0-0.6, 32:68N-115:68W, h2km, 2km, MD3.0, ML3.1

ISC 30 15:36:16.3-1.0, 32:66N, 02:11:65W, 0.02, h12km, 8km, n23, r083/35, 7C-8D, California-Baja California border region

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like SGL, COK, YUH, RMX, CMAR, CPBX, EMX, RDX, RDX, GLA, GLA, BAR, BAR, CBX, CBX, PFO, PFO, EIZ, EIZ, ECNX, ECNX, PBX, PBX, ECX, ECX, CBX, CBX, SAN, SAN, 214A, 214A, MWC, MWC, PAS, PAS, GSC, GSC, ISA, ISA, SHPR, SHPR.

IDC 30 16:01:03.2-6.5, 25N, 126:23E, h29km, 17km, mb4.0/15, mb1 4.1/15, mb1mx4.0/23, mbtmp4.0/15, MS3.6/9, Ms1 3.7/9, ms1mx3.4/28, Error ellipse: s-maj=32.7km s-min=12.2km az=77.0

NEIC 30 16:01:04.6-0.4, 5:22N, 126:21E, h35km, mb4.6/7, Error ellipse: s-maj=25.0km s-min=8.2km az=71.0

MAN 30 16:01:05.5, 27N, 126:47E, h4km, mb5.3, ML4.3, MS4.5, ISCJB 30 16:01:06.5-0.4, 5:26N, 02:126:43E, 0.05, h69km, 4km, mb4.3/33, Error ellipse: s-maj=8.1km s-min=3.5km az=169.7

BUI 30 16:01:07.7, 5:16N, 126:31E, h78km, mb5.0/15, mb4.5/27, Ms4.3/7, Ms7.4/0.7

DJA 30 16:01:09.1, 5:5N, 12:6E, h88km, 13km, MA.9/7, mb5.1/7, mb5.2/5, MLV5.0/7, MW(MB)4.5/5

AUST 30 16:01:09.2, 1.6, 5:06N, 126:14E, h69km, 1km, Error ellipse: s-maj=2.6km s-min=1.3km az=250.0

ISC 30 16:01:09.6-0.2, 5:28N, 126:33E, 0.06, h78km, 2km, n126, r189/164, mb4.3/33, 2C-2D, Mindanao

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like GSPH, MATI, SGSI, DAV, DAV, KCP, KCP, CTBH, CTBH, BUKP, BUKP, BISIP, BISIP, CGP, CGP, BUTP, BUTP, PAGZ, PAGZ, SCPH, SCPH, TMTI, TMTI, KMSI, KMSI, GTOI, GTOI, LBMI, LBMI, MRSI, MRSI, MRSI, MRSI, TOLI, TOLI, LUWI, LUWI, APSI, APSI, NLAI, NLAI, AAI, AAI, FAKI, FAKI, KKM, KKM, TTSI, TTSI, MMSI, MMSI, SPSI, SPSI, BKB, BKB, BNSI, BNSI, KAPI, KAPI, KAPI, KAPI, TLE, TLE, SZP, SZP, SBUM, SBUM, KSM, KSM, MTN, MTN, KDU, KDU, KNRA, KNRA, QIZ, QIZ, FITZ, FITZ, FITZ, FITZ, PMG, PMG, COEN, COEN, COEN, COEN, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA.

IDC 30 16:01:09.6-0.2, 5:28N, 126:33E, 0.06, h78km, 2km, n126, r189/164, mb4.3/33, 2C-2D, Mindanao

Table with 12 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, Res, ISC. Rows include stations like GSPH, MATI, SGSI, DAV, DAV, KCP, KCP, CTBH, CTBH, BUKP, BUKP, BISIP, BISIP, CGP, CGP, BUTP, BUTP, PAGZ, PAGZ, SCPH, SCPH, TMTI, TMTI, KMSI, KMSI, GTOI, GTOI, LBMI, LBMI, MRSI, MRSI, MRSI, MRSI, TOLI, TOLI, LUWI, LUWI, APSI, APSI, NLAI, NLAI, AAI, AAI, FAKI, FAKI, KKM, KKM, TTSI, TTSI, MMSI, MMSI, SPSI, SPSI, BKB, BKB, BNSI, BNSI, KAPI, KAPI, KAPI, KAPI, TLE, TLE, SZP, SZP, SBUM, SBUM, KSM, KSM, MTN, MTN, KDU, KDU, KNRA, KNRA, QIZ, QIZ, FITZ, FITZ, FITZ, FITZ, PMG, PMG, COEN, COEN, COEN, COEN, WRAB, WRAB, WRA, WRA, WRA, WRA, WRA, WRA.

30d 17h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Nanjing, Guiyang, Alice Springs, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Danning, WMO, Petropavlovsk, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Socops, Elorza, Quebrada Arrib, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like NVAR Mina Array Bea, NVAR Malin Array Bea, YKA Yellowknife Arr, etc.

IDC 30 17:47:50.5-2.2, 3.05S:11.26W, h0km, mb3.8, 5ms, mb1.4 1/5, mb1mx3.7/26, mbtmp3.8/5, MS3.2/2, Ms1.3/12, ms1mx2.9/32, Error ellipse: s-maj=86.2km s-min=39.3km az=142.0

ISC 30 17:47:51.5-1.6, 3.23S:0.4-11.2W, 0.4, h10km, n15, +089/7, mb4.0/4, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like H10N2 ASCENSION HYDR, H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

ISK 30 18:23:35.4, 37.87N:29.11E, h5km, MD2.6

ISCJB 30 18:23:36.2, 0.6, 37.89N:0.03-29.08E:0.07, h13km, 6km, Error ellipse: s-maj=7.0km s-min=4.6km az=24.5

CSEM 30 18:23:36.0, 0.2, 37.86N:29.14E, h12km, MD2.6, Error ellipse: s-maj=7.1km s-min=2.9km az=118.0

DDA 30 18:23:36.4, 37.90N:29.15E, h7km, MD2.7

ISC 30 18:23:36.4, 1.0, 37.87N:0.03-29.13E:0.05, h18km, 7km, n16, +080/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like DNZL Cakiroluk, DNZL Cakiroluk, KHAL Karahalli, etc.

ISCJB 30 18:29:50.5-0.6, 1.51S:0.06-99.33E:0.06, h30km, mb4.0/11, MS3.4/1, Error ellipse: s-maj=9.5km s-min=7.0km az=140.1

DJA 30 18:29:51.3-3.1, 1.5, 9.9E:1.7, h6km, 28km, M4.4/8, mb4.3/4, mb5.8/1, ML4.4/8, MW(M)B5.4/1

IDC 30 18:29:56.9-4.3, 1.28S:90.58E, h59km, 36km, mb3.7/11, mb1.3/13, ms1mx3.7/25, mbtmp3.9/13, ML4.0/2, MS3.3/1, Ms1.3/3, ms1mx2.5/38, Error ellipse: s-maj=38.7km s-min=14.1km az=58.0

ISC 30 18:29:52.6-0.7, 1.49S:0.09-99.34E:0.07, h30km, n43, +0109/31, mb4.1/11, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like PDSI Padang, PDSI Padang, PPI Padang Panjang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like WRA 0.9nm, 1.0s, baz=310, slow=2.8, SNR=5.0, ASAR Alice Springs, ASAR 0.9nm, 0.7s, baz=292, slow=7.4, SNR=1.1, etc.

ISCJB 30 18:37:15.4-0.6, 2.138S:0.07-68.24W:0.09, h17km, 10km, mb3.7/2, Error ellipse: s-maj=14.8km s-min=10.3km az=36.2

GUC 30 18:37:17.6, 0.6, 21.46S:68.72W, h140km, 4km, ML4.1

IDC 30 18:37:21.6, 5.8, 2.1, 15S:68.12W, h155km, 45km, mb3.6/2, mb1.3/5, mb1mx3.1/8, mbtmp3.9/5, Error ellipse: s-maj=86.1km s-min=27.7km az=60.0

ISC 30 18:37:16.4-0.9, 21.37S:0.03-68.30W:0.09, h17km, 10km, n15, +017/19, 3C, Chile- Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like PB09 Plate Boundary, PB09 Plate Boundary, PB01 Plate Boundary, etc.

MACH Maria Elena, MACH MACH, HMBC Humberstone, HMBC HMBC, SIV comp=E, 2um, 0.7s

MNMC Minimini, CEN1 Los Morros, LPAZ La Paz, SIV San Ignacio, SIV comp=E, 0.2nm, 0.3s, baz=211, slow=1.9, SNR=4.3

BFB Brasilia, TORO Torodi Arr, YKA Yellowknife Arr, ASAR Alice Springs, WRA Warramunga Arr

FUNV 30 18:51:16.4, 7.00N:73.11W, h141km, MW3.6, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like CAPV Capacho, CAPV CAPV, VIGV El Vigia, VIGV VIGV, SOCP Socops, QARV Quebrada Arrib, etc.

MEX 30 18:51:50.3-0.3, 16.35N:96.34W, h59km, 4km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like HUIG Huatulco, HUIG HUIG, VHO Vista Hermosa, VHO VHO, PNIG Pinotepa, etc.

NIED 30 18:58:00, 41.10N:143.30E, h23km, Mw4.0, Best double c4300000, NP2=327.00000, NP1=17.00000, 873.00000, 143.00000, NP2=327.00000, NP1=17.00000, 873.00000

IDC 30 18:58:50.7-0.8, 41.05N:143.20E, h0km, mb3.9/15, mb1.4/16, mb1mx3.9/29, mbtmp3.9/16, ML3.5/1, MS3.3/3, Ms1.3/3, ms1mx2.9/33, Error ellipse: s-maj=19.1km s-min=17.1km az=87.0

ISCJB 30 18:58:54.7-0.7, 41.10N:0.03-143.32E:0.06, h43km, 6km, mb3.9/15, MS3.4/1, Error ellipse: s-maj=8.7km s-min=4.2km az=29.6

JMA 30 18:58:54.8-0.1, 41.09N:143.25E, h47km, M3.8

ISC 30 18:58:54.2-2.2, 41.12N:0.04-143.32E:0.06, h28km, 15km, n40, +086/45, mb3.9/15, Hokkaido region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like JAK Akkeshi, JAK JAK, JAK Ashorobuto, etc.

IDC 30 19:12:06.5-0.8, 30.22S:177.71W, h0km, mb4.2/7, mb1.4/3/6, mb1mx4.2/17, mbtmp4.2/9, ML3.2/2, MS3.6/6, Ms1.3/3/6, ms1mx3.4/21, Error ellipse: s-maj=27.6km s-min=17.5km az=107.0

NEIC 30 19:12:10.1-4.1, 30.19S:177.67W, h24km, 27km, mb5.0/3, Error ellipse: s-maj=2.1, 1km s-min=12.9km az=96.0

ISCJB 30 19:12:11.7-0.7, 30.15S:0.05-177.9W:0.1, h35km, mb4.1/2, MS3.6/6, Error ellipse: s-maj=16.4km s-min=7.4km az=10.8

AUST 30 19:12:18.4-0.0, 29.64S:178.44W, h40km, Error ellipse: s-maj=2.3km s-min=1.1km az=322.0

ISC 30 19:12:11.9-0.6, 30.20S:0.06-177.7W:0.1, h35km, n79, +0124/64, mb4.5/12, MS3.7/5, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

HNR comp=Z, 427nm, 21.6s, baz=27, slow=32, 29.34 310 LR

MCQ Macquarie Isla, QLSA Cobar Meteorol, QLSA QLSA, QLP Quijipe, CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek

COEN Coen, COEN Coen, ASS1 Alice Springs, ASS1 Alice Springs, ASS1 Alice Springs

WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

VNDA Vanda, VNDA Vanda, KDU Kaku, KNRA Kununurra, QSPA Patole Qui, MAW Mawson, MAW Mawson

H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez, H03N3 Juan Fernandez

30d 20h

PETK	Petrovavlovsk-	85.67	345	P	P	19 24 47.4	+0.8
PETK	Petrovavlovsk-	85.67	345	P	P	19 24 47.4	+0.8
USRK	Ussuriysk Arra	87.12	326	P	P	19 24 54.0	+0.1
NVAR	Mina Arra Bea	89.43	312	P	P	19 24 57.9	-0.4
NVAR	Mina Arra Bea	89.43	312	P	P	19 24 57.9	-0.4
CMAA	Chong Mai Arr	89.17	126	LR	P	19 25 12.0	
CMAR	Chiang Mai Arr	93.55	289	P	P	19 25 24.3	-0.4
CMAR	Chiang Mai Arr	93.55	289	P	P	19 25 24.3	-0.4
CMAR	Comp=2.38nm,18.7s,baz=158,slow=32			LR		20 02 51.4	
CPUP	Villa Florida	99.93	128	LR	LR	20 06 55.1	
MKAR	Makanchi Arra	117.82	310	PKP	PKP	19 30 52.9	-1.5
MKAR	Makanchi Arra	117.82	310	PKP	PKP	19 30 52.9	-1.5
KURK	Kurchatov	121.07	314	ePKPdf	PKPdf	19 30 59.1	-1.3
KBL	Kabul	124.35	293	ePKPdf	PKPdf	19 31 05.1	-1.9
KBAR	Karatay Arra	125.15	304	ePKPdf	PKPdf	19 31 08.1	-0.5
H10S3	ASCENSION HYDR37.81	155	T	T		22 06 04.2	
H10S2	ASCENSION HYDR87.81	155	T	T		22 05 59.8	
H10S1	ASCENSION HYDR37.83	155	T	T		22 06 06.6	
ARCES	ARCCESS Array B	138.44	348	PKP	PKP	19 31 31.3	-1.5
ARCES	ARCCESS Array B	138.44	348	PKP	PKP	19 31 31.3	-1.5
H10N3	ASCENSION HYDR38.89	154	T	T		22 07 20.2	
H10N1	ASCENSION HYDR38.90	154	T	T		22 07 20.5	
H10F2	ASCENSION HYDR48.91	154	T	T		22 07 21.5	
KAF	Kangasniemi	144.43	341	eP	PKPbc	19 31 42.8	+0.5
FINES	FINESS Array B	145.03	340	PKPbc	PKPbc	19 31 43.0	-1.2
FINES	FINESS Array B	145.03	340	PKPbc	PKPbc	19 31 43.0	-1.2
KBZ	Khabaz	145.19	304	PKPbc	PKPbc	19 31 48.0	+2.4
KBZ	Khabaz	145.19	304	PKPbc	PKPbc	19 31 48.0	+2.4
NB2	NORSAR Subarr148.55	352	PKP	PKPbc		19 31 54.2	-0.3
NOA	NORSAR Array B	148.58	352	PKPbc	PKPbc	19 31 54.1	-0.4
NOA	NORSAR Array B	148.58	352	PKPbc	PKPbc	19 31 54.1	-0.4
AKASG	Malin Arra Bea	151.28	323	PKPbc	PKPbc	19 32 00.7	-0.7
AKASG	Malin Arra Bea	151.28	323	PKPbc	PKPbc	19 32 00.7	-0.7
AK01	Malin Arra Si	151.29	323	ePKPbc	PKPbc	19 32 00.4	-1.0
AK02	Malin Arra Si	151.29	323	ePKPbc	PKPbc	19 32 00.3	-1.1
BR131	Keskin Arra S	152.70	299	PKPbc	PKPbc	19 32 05.2	0.0
BRTR	Keskin Arra B	152.70	299	PKPbc	PKPbc	19 32 07.0	+1.8
BRTR	Keskin Arra B	152.70	299	PKPbc	PKPbc	19 32 07.0	+1.8
CLL	Colim	157.44	342	ePKPab	PKPab	19 32 37.0	+1.4
TORD	Torodi Arr. Bea	163.03	176	PKPab	PKPab	19 33 04.0	-0.3
TORD	Torodi Arr. Bea	163.03	176	PKPab	PKPab	19 33 04.0	-0.3

JMA 30 19:37:39.6:0.1,23.54N:122.06E,h27km,ML2.7  
 TAP 30 19:37:39.4:1.2,23.52N:122.08E,h32km,ML2.9,C  
 ISC 30 19:37:39.4:1.2,23.51N:0.03:122.07E:0.03,h25km,12km,  
 n36,+0576/67,2C,Taiwan region

Code	Station Name	Δ°	AZ°	Op	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	Phase	ID	h m s	ISC
TEGC	Jichi Village	153	293	eP	Pb	S	19 37 50.8	+0.7
TEGC	baz=291			eS		S	19 37 58.8	-0.6
ESF	Shoufeng Towns	163.03	eP	Pb		S	19 37 51.4	-0.4
ESF	baz=304			eS		S	19 38 00.3	+0.1
HWA	Hwalien	0.63	318	eP	Pb	S	19 37 49.3	-2.5
ESL	Shilin	0.66	298	iP	Pb	S	19 37 52.0	-0.3
ESL	baz=289			S	Sb	S	19 38 00.7	-0.4
EHY	Hungye	0.69	270	iP	Pb	S	19 37 53.0	+0.3
EHY	baz=269			S	Sb	S	19 38 02.8	+1.0
TWD	Chiawun	0.72	323	P	Sb	S	19 37 53.1	-0.2
TWD	baz=322			eS		Sb	19 38 01.1	-1.6
TWF1	Yuli	0.72	258	iP	Pb	S	19 37 53.5	+0.1
TWF1	baz=251			eS		S	19 38 04.0	+1.0
CHKT	Chengkung	0.76	238	P	Pb	S	19 37 53.7	-0.9
CHKT	baz=230			iS		Sb	19 38 03.1	-0.9
ENA	Nanau	0.96	342	iP	Pb	S	19 37 57.1	-0.3
ENA	baz=331			S	Sb	S	19 38 09.4	-1.0
YUS	Yu-Shan	1.02	269	eP	Sn	S	19 37 58.9	+0.3
YUS	baz=269			eS		Sn	19 38 11.6	-0.9
TWT	Tachien	1.10	312	eP	Pb	S	19 38 00.1	+0.1
TWT	baz=311			eS		Sn	19 38 13.3	-0.7
TWC	Suao	1.12	350	P	Pb	S	19 37 59.9	-0.1
TWC	baz=1.0			eS		Sb	19 38 14.8	+0.7
NNS	Nan Shan	1.13	326	P	Pb	S	19 37 59.8	+0.1
NNS	baz=325			eS		Sn	19 38 13.6	-0.9
SMLT	Sun Moon Lake	1.14	290	P	Pb	S	19 38 00.2	+0.4
SMLT	baz=289			eS		Sn	19 38 14.8	+0.1
TWG	Pinglang	1.14	234	eP	Pb	S	19 37 59.5	-0.3
TWG	baz=243			eS		Sn	19 38 13.2	-1.5
ALS	Alishan	1.16	270	iP	Pb	S	19 38 01.1	+0.8
ALS	baz=270			eS		Sn	19 38 15.8	+0.3
TYC	Yuchr	1.18	290	eP	Pb	S	19 38 00.5	+0.2
TYC	baz=290			eS		Sn	19 38 15.7	+0.1
ENTT	Niououd	1.22	338	P	Pb	S	19 38 01.1	+0.2
ENTT	baz=337			eS		Sn	19 38 16.1	-0.5
TWE	Neicheng	1.26	343	eP	Pb	S	19 38 02.1	-0.4
CHNS	Tsauling	1.28	274	eP	Pb	S	19 38 03.2	+0.3
CHNS	baz=274			eS		Sb	19 38 19.2	+0.3
YOJ	Yonaguni jima	1.28	42	P	Pb	S	19 38 02.0	+0.3
YOJ	baz=274			S	Sb	S	19 38 18.1	-0.1
NSK	Sanguang	1.33	331	eP	Pb	S	19 38 03.0	+0.5
NSK	baz=330			eS		Sn	19 38 19.1	-0.4
WTP	Ta-pu	1.36	259	P	Pb	S	19 38 04.2	0.0
WTP	baz=259			eS		Sb	19 38 21.5	+0.2
ECL	Taimali	1.37	229	P	Pb	S	19 38 02.4	-0.5
ECL	baz=228			S	Sb	S	19 38 18.4	-1.9
TCU	Taichung	1.43	297	eP	Pb	S	19 38 06.4	+1.1
TCU	baz=297			eS		Sb	19 38 25.1	+2.0

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SGST	Jiashian	1.43	253	eP	Pb	19 38 05.5	+0.1	
SGST	baz=245			eS		Sb	19 38 23.5	+0.3
CHNT	baz=245	1.45	258	eP	Pb	19 38 06.0	+0.2	
CHNT	Nantai			eS		Sb	19 38 25.2	+1.4
TWQ1	Liyutan	1.45	306	eP	Pb	19 38 06.2	+0.4	
TWQ1	baz=305			eS		Sb	19 38 23.0	+0.6
TKW	Hsiinyung	1.47	261	eP	Pb	19 38 06.0	-0.2	
TKW	baz=261			eS		Sb	19 38 24.5	0.0
NSST	Nanjiang	1.48	319	eP	Pb	19 38 06.5	+0.2	
NSST	baz=318			eS		Sb	19 38 24.0	-0.8
SSD	Sandimen	1.52	241	eP	Pb	19 38 05.9	+0.9	
SSD	baz=237			eS		Sb	19 38 26.0	+0.1
EAST	Anshuo	1.59	225	eP	Pb	19 38 06.2	+0.2	
IRIF	Iriomote-Funau	1.73	61	P	Pb	19 38 08.6	+0.7	
IRIF	baz=225			S	Sb	19 38 29.8	+0.6	
JKRS	Kuro-shima	1.92	67	P	Pb	19 38 11.5	+1.0	
JIJ	Ishigaki jima	2.08	65	P	Pb	19 38 13.0	+0.3	
JJJ				S	Sb	19 38 36.7	-1.1	
JJTJ	Tarama	2.66	64	P	Pb	19 38 21.0	+0.3	

ISC 30 19:49:05.7:2.0,13.79N:146.35E,h0km,mb3.3/3,  
 mb1 3.6/3,mb1mx3.3/2,mbtm3.3/3,Error ellipse:  
 s-maj=467.2km s-min=28.0km az=112.0,South of  
 Mariana Islands

Code	Station Name	Δ°	AZ°	Op	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	Phase	ID	h m s	ISC
WRA	Warramunga Arr	35.54	200	P	Pb	S	19 50 04.1	-0.6
ASAR	Alice Springs	39.19	198	P	Pb	S	19 56 35.8	+0.3
ILAR	Eielson Array	67.78	25	P	Pb	S	20 00 05.0	0.0

ISC 30 19:50:21.7:0.9,31.01S:176.79W,h0km,mb4.3/7,  
 mb1 4.4/9,mb1mx4.3/9,mbtm4.3/9,ML4.2/2,MS3.4/2,  
 Ms1 3.5/2,ms1mx3.0/30,Error ellipse: s-maj=26.0km  
 s-min=22.3km az=119.0

ISC/JB 30 19:50:24.6:0.9,31.16S:0.06:176.9W:0.2,h33km,  
 mb4.2/7,MS3.4/2,Error ellipse: s-maj=19.7km  
 s-min=9.3km az=179.5

ISC 30 19:50:26.7:0.8,31.10S:0.09:176.9W:0.2,h35km,n20,  
 r=149:20,mb4.2/6,Kermadec Islands region

Code	Station Name	Δ°	AZ°	Op	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	Phase	ID	h m s	ISC
RAO	Raoul Island	2.04	334	P	Pb	S	19 50 56.4	-2.1
RAO	110nm,0.3s,baz=100,slow=10,SNR=12			S		S	19 51 22.0	-0.8
URZ	Urevera	8.69	213	Pn	Pb	S	19 52 28.4	-1.4
RPZ	Rata Peaks	15.80	214	Pn	Pb	S	19 54 02.8	-3.7
RPZ	0.4nm,0.3s,baz=56,slow=1.9,SNR=11			S		S	19 56 46.5	-1.4
DZM	Mont Dzumac	17.39	297	P	Pb	S	19 54 29.7	+1.7
DKM	Stevens Creek	35.25	258	P	Pb	S	19 57 14.2	0.0
ASAR	Alice Springs	44.03	267	P	Pb	S	19 58 31.8	+0.6
ASAR	1.7nm,0.6s,baz=105,slow=7.3,SNR=30			LR		S	20 16 59.5	
WRA	Warramunga Arr	45.08	272	P	Pb	S	19 58 40.2	+0.7
VND	Vanda	47.50	166	LR	Pb	S	20 15 13.2	
PETK	Petrovavlovsk-	86.73	345	P	Pb	S	20 03 09.6	+0.4
NVAR	Mina Arra Bea	88.11	42	P	Pb	S	20 03 13.4	-0.4
ILAR	Eielson Array	98.39	13	P	Pb	S	20 03 59.4	-0.9
ARCES	ARCCESS Array B	139.47	348	PKP	PKP	S	20 09 48.8	-0.6
KAF	Kangasniemi	145.52	341	ePK	PKP	S	20 09 59.1	-1.2
FINES	FINESS Array B	146.14	340	PKPbc	PKPbc	S	20 10 02.1	-0.9
NB2	NORSAR Subarr149.57	352	PKP	PKPbc	S	20 10 11.5	-0.2	
NOA	NORSAR Array B	149.57	352	PKPbc	PKPbc	S	20 10 11.6	-0.2
AKASG	Malin Arra Bea	152.43	323	PKPbc	PKPbc	S	20 10 18.3	-0.3
BRTR	Keskin Arra B	153.77	298	PKPbc	PKPbc	S	20 10 24.5	+2.4
BRTR	Comp=2.0,4nm,0.6s,baz=110,slow=4.6,SNR=4.0			P	Pb	S	20 10 36.4	+1.2
TORD	Torodi Arr. Bea	162.09	176	PKPab	PKPab	S	20 11 12.0	+0.7

ISC 30 19:58:20.8:8.9,31.16S:179.93E,h366km,10j3k,  
 mb2.5/2,mb1 2.9/3,mb1mx2.8/17,mbtm2.7/3,Error  
 ellipse: s-maj=105.7km s-min=39.6km az=3.0,  
 Kermadec Islands region

Code	Station Name	Δ°	AZ°	Op	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Op	Phase	ID	h m s	ISC
URZ	Urevera	7.46	197	P	Pb	S	20 00 08.9	+0.3
URZ	1.5nm,0.3s,baz=251,slow=1.0,SNR=18			S		S	20 01 36.7	0.0
ASAR	Alice Springs	39.19	198	P	Pb	S	20 05 31.7	-0.6
WRA	Warramunga Arr	42.36	274	P	Pb	S	20 05 41.1	+0.4
FINES	FINESS Array B	145.21	338	PKPbc	PKPbc	S	20 17 14.1	-0.4

ISC 30 20:23:06.5:1.8,1.29S:99.63E,h0km,mb3.8/8,mb1 3.8/9,  
 mb1mx3.7/23,mbtm3.7/9,ML4.2/1,Error ellipse:  
 s-maj=62.3km s-min=17.7km az=62.0

ISC/JB 30 20:23:07.8:0.7,1.45S:0.06:99.27E:0.07,h30km,  
 mb3.8/8,





30d 23h

Table of astronomical observations for 30 days and 23 hours, listing station names, coordinates, and observation details.

2009 NOV

Table of astronomical observations for 2009 NOV, listing station names, coordinates, and observation details.

1184

Table of astronomical observations for 1184, listing station names, coordinates, and observation details.

Table listing astronomical objects (AKTO, MKAR, KURBB, etc.) with columns for name, coordinates, magnitude, and other parameters.

AUST 30 23:15:46.0±3.8, 4.94S:101.50E, h0km, Error ellipse: s-maj=2.1km s-min=0.8km az=245.0

Table listing astronomical objects (Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC) for various stations.

Table listing astronomical objects (KAPI, KPSI, SPSI, etc.) with columns for name, coordinates, magnitude, and other parameters.

ICD 30 23:15:48.0±5.8, 4.41S:102.08E, h0km, mb3.4/2.0, mb1 4.4/2.2, mb1mx4.3/2.9, mbmp4.3/2.2, ML4.2, MS3.8/1.2, Ms1 3.8/1.2, ms1mx3.5/3.2, Error ellipse: s-maj=28.6km s-min=10.9km az=49.0

Table listing astronomical objects (Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC) for various stations.

Table listing astronomical objects (BRTR, BR131, VNSA, etc.) with columns for name, coordinates, magnitude, and other parameters.

IDC 30 23:15:59.7±1.0, 1.70N:126.75E, h0km, mb3.9/3.0, mb1 4.1/4.1, mb1mx3.7/2.1, mbtmp3.1/4.4, ML4.1/1.1, Error ellipse: s-maj=172.9km s-min=104.1km az=150.0

Table listing astronomical objects (Code, Station Name, Az, Phase ID, Time Res, h, m, s, ISC) for various stations.

GPA	Golpazari	1.77 333	ePn	Pn	23 49 13.2 +0.7
GULT	Gulveren	1.84 340	ePN	Pn	23 49 14.1 +0.7
GULT	Gulveren	1.84 340	ePn	Pn	23 49 14.1 +0.7
BTAS	Taskesti	1.88 352	i P	Pg	23 49 17.4 -0.3
BTAS	Taskesti	1.88 352	i P	Pg	23 49 17.4 -0.3
CAVI	Cavuskooy	1.90 322	ePN	Pn	23 49 15.0 +0.9
CAVI	Cavuskooy	1.90 322	ePn	Pn	23 49 15.0 +0.9
KAMT	Kaman	1.95 69	ePN	Pn	23 49 15.1 +0.2
KAMT	Kaman	1.95 69	ePn	Pn	23 49 15.1 +0.2
GOLH	Golhisar	2.04 225	i P	Pn	23 49 17.6 +1.4
GOLH	Golhisar	2.04 225	i P	Pn	23 49 17.6 +1.4
DNZL	Cakirouluk	2.09 242	i P	Pn	23 49 17.7 +0.4
DNZL	Cakirouluk	2.09 242	i S	Sg	23 49 51.8 +3.2
DNZL	Cakirouluk	2.09 242	i P	Pn	23 49 17.3 +0.4
DEMI	Demirci	2.09 280	i P	Pn	23 49 17.1 +0.3
DEMI	Demirci	2.09 280	i P	Pn	23 49 17.1 +0.3
KULA	Kula-Manisa	2.12 266	ePN	Pn	23 49 18.1 +0.8
KULA	Kula-Manisa	2.12 266	ePn	Pn	23 49 18.1 +0.8
ADVT	Abdulvahap	2.13 324	ePN	Pn	23 49 18.5 +1.2
ADVT	Abdulvahap	2.13 324	ePn	Pn	23 49 18.5 +1.2
SPNC	Sapanca-Adapaz	2.13 338	ePN	Pn	23 49 18.5 +1.1
SPNC	Sapanca-Adapaz	2.13 338	ePn	Pn	23 49 18.5 +1.1
MANT	Manisa	2.21 265	i P	Pn	23 49 18.6 0.0
MANT	Manisa	2.21 265	i S	Sg	23 49 53.1 +0.6
MANT	Manisa	2.21 265	i P	Pn	23 49 18.6 0.0
ULDT	Uludag	2.24 310	i P	Pn	23 49 18.9 -0.1
ULDT	Uludag	2.24 310	i P	Pn	23 49 18.9 -0.1
ELL	Elmali	2.27 211	ePN	Pn	23 49 19.6 +0.5
ELL	Elmali	2.27 211	ePn	Pn	23 49 19.6 +0.5
ORLT	Orhaneli	2.33 306	ePN	Pn	23 49 21.2 +1.1
ORLT	Orhaneli	2.33 306	ePn	Pn	23 49 21.2 +1.1
ERMK	Ermenek	2.40 149	i P	Pn	23 49 23.2 +2.0
ERMK	Ermenek	2.40 149	i P	Pn	23 49 23.2 +2.0
GEMT	Gemlik	2.41 316	ePN	Pn	23 49 22.2 +1.1
GEMT	Gemlik	2.41 316	ePn	Pn	23 49 22.2 +1.1
DURS	Dursunbey	2.41 293	i P	Pn	23 49 21.2 -0.1
DURS	Dursunbey	2.41 293	i S	Sb	23 49 55.2 +0.1
DURS	Dursunbey	2.41 293	i P	Pn	23 49 21.2 -0.1
HRT	Hereke	2.48 329	ePN	Pn	23 49 24.1 +1.9
HRT	Hereke	2.48 329	ePn	Pn	23 49 24.1 +1.9
MDNY	Mudanya-Bursa	2.53 312	ePN	Pn	23 49 24.9 +2.1
MDNY	Mudanya-Bursa	2.53 312	ePn	Pn	23 49 24.9 +2.1
GAZI	Gazipasa	2.58 163	i P	Pn	23 49 26.0 +2.4
GAZI	Gazipasa	2.58 163	i P	Pn	23 49 26.0 +2.4
ARMT	Armutlu	2.67 315	ePN	Pn	23 49 26.1 +1.3
ARMT	Armutlu	2.67 315	ePn	Pn	23 49 26.1 +1.3
SAFT	Safranbolu	2.73 22	ePN	Pn	23 49 27.4 +1.9
SAFT	Safranbolu	2.73 22	ePn	Pn	23 49 27.4 +1.9
AVNT	Avonos	2.73 87	i P	Pg	23 49 32.5 -1.5
AVNT	Avonos	2.73 87	i S	Sg	23 50 10.4 +0.9
AKHS	Akhisar	2.77 275	i P	Pn	23 49 26.7 +0.5
AKHS	Akhisar	2.77 275	i P	Pn	23 49 26.7 +0.5
SILT	Sile	2.77 332	ePN	Pn	23 49 26.8 +0.6
SILT	Sile	2.77 332	ePn	Pn	23 49 26.8 +0.6
AKS	Akhisar	2.78 275	ePN	Pn	23 49 27.0 +0.8
AKS	Akhisar	2.78 275	ePn	Pn	23 49 27.0 +0.8
AYDB	Zeytinkoy-Aydi	2.83 255	ePN	Pn	23 49 28.0 +0.9
AYDB	Zeytinkoy-Aydi	2.83 255	ePn	Pn	23 49 28.0 +0.9
AKAS	Kas	2.84 210	i P	Pb	23 49 30.1 -2.4
AKAS	Kas	2.84 210	i S	Sb	23 50 07.9 +0.6
AKAS	Kas	2.84 210	i P	Pb	23 49 30.1 -2.4
TURN	Turunc	2.85 22	i P	Pb	23 49 32.2 -0.4
CORM	Corum	2.93 59	ePN	Pn	23 49 29.0 +0.6
CORM	Corum	2.93 59	ePn	Pn	23 49 29.0 +0.6
AYDN	Tasoluk	2.93 250	i P	Pn	23 49 30.1 +1.7
AYDN	Tasoluk	2.93 250	i P	Pn	23 49 30.1 +1.7
ISK	Istanbul-Kandi	2.94 324	ePN	Pn	23 49 29.9 +1.4
ISK	Istanbul-Kandi	2.94 324	ePn	Pn	23 49 29.9 +1.4
BALY	Balya	3.08 291	i P	Pn	23 49 31.6 +1.2
BALY	Balya	3.08 291	i S	Sg	23 50 23.5 +2.9
BALY	Balya	3.08 291	i P	Pn	23 49 31.6 +1.2
IKL	Isikli	3.08 142	ePN	Pn	23 49 31.6 +1.2
IKL	Isikli	3.08 142	ePn	Pn	23 49 31.6 +1.2
KLYT	Kilyos	3.10 326	ePN	Pn	23 49 31.8 +1.1
KLYT	Kilyos	3.10 326	ePn	Pn	23 49 31.8 +1.1
MERS	Mersin	3.11 125	ePN	Pn	23 49 32.3 +1.5
MERS	Mersin	3.11 125	ePn	Pn	23 49 32.3 +1.5
KIZK	Mersin	3.14 134	i P	Pb	23 49 35.0 -2.5
GONE	Gonen-Balikesi	3.14 296	ePN	Pn	23 49 32.5 +1.3
GONE	Gonen-Balikesi	3.14 296	ePn	Pn	23 49 32.5 +1.3
BGKT	Bogazkoy	3.17 322	ePN	Pn	23 49 32.6 +1.0
BGKT	Bogazkoy	3.17 322	ePn	Pn	23 49 32.6 +1.0
IZM	Izmir	3.23 266	ePN	Pn	23 49 33.4 +0.9
IZM	Izmir	3.23 266	ePn	Pn	23 49 33.4 +0.9
MRMT	Marmara Adasi	3.47 304	ePN	Pn	23 49 37.2 +1.5
MRMT	Marmara Adasi	3.47 304	ePn	Pn	23 49 37.2 +1.5
SART	Tekirdag	3.78 303	i P	Pn	23 49 40.3 +0.2
SART	Tekirdag	3.78 303	i P	Pn	23 49 40.3 +0.2
TOKA	Tokat	4.28 66	i P	Pn	23 49 48.7 +1.8
TOKA	Tokat	4.28 66	i P	Pn	23 49 48.7 +1.8
JMB	Yambol	5.22 317	i P	Pn	23 50 00.8 +1.0
JMB	Yambol	5.22 317	i P	Pn	23 50 00.8 +1.0
KDZ	Kurdzhali	5.42 305	i P	Pn	23 50 03.2 +0.7
KDZ	Kurdzhali	5.42 305	i P	Pn	23 50 03.2 +0.7
MANR	Mangalia	5.51 339	i P	Pn	23 50 03.0 -0.8
MANR	Mangalia	5.51 339	i P	Pn	23 50 03.0 -0.8
TIRR	Tirgusor	6.15 340	i P	Pn	23 50 13.1 +0.5
TIRR	Tirgusor	6.15 340	i P	Pn	23 50 13.1 +0.5
TLB	Topalu	6.38 338	i P	Pn	23 50 15.3 -0.3
TLB	Topalu	6.38 338	i P	Pn	23 50 15.3 -0.3
MMB	Musomiste	6.51 299	i P	Pn	23 50 18.6 +1.0
MMB	Musomiste	6.51 299	i P	Pn	23 50 18.6 +1.0
CFR	Carcaliu	6.90 341	i P	Pn	23 50 22.3 -0.5
CFR	Carcaliu	6.90 341	i P	Pn	23 50 22.3 -0.5
VTS	Vitosha	7.31 305	i P	Pn	23 50 30.2 +1.6
VTS	Vitosha	7.31 305	i P	Pn	23 50 30.2 +1.6
VOIR	VOIR	8.20 327	i P	Pn	23 50 41.8 +1.1
VOIR	VOIR	8.20 327	i P	Pn	23 50 41.8 +1.1

# ISC Computed Locations for November 2009

